Universal chemical assay for the detection and determi

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Citation Report

#	Article	IF	Citations
9	Extracellular iron chelation inCryptococcus neoformans. Medical Mycology, 1987, 25, 415-418.	0.3	34
10	Chromosomal-encoded siderophores are required for mouse virulence of enteropathogenicYersiniaspecies. FEMS Microbiology Letters, 1987, 48, 229-233.	0.7	127
11	INFLUENCE OF IRON LIMITATION AND NITROGEN SOURCE ON GROWTH AND SIDEROPHORE PRODUCTION BY CYANOBACTERIA. Journal of Phycology, 1988, 24, 566-571.	1.0	56
12	Isolation and partial characterization of siderophore mutants ofAzotobacter vinelandii. Current Microbiology, 1988, 17, 343-346.	1.0	3
13	Uptake of iron byGeotrichum candidum, a non-siderophore producer. Biology of Metals, 1988, 1, 99-105.	1.1	9
14	Characterization of a pyoverdine-deficient mutant of Pseudomonas fluorescens impaired in the secretion of extracellular lipase. Archives of Microbiology, 1988, 150, 523-528.	1.0	14
15	Conventional laboratory agar media provide an iron-limited environment for bacterial growth. FEMS Microbiology Letters, 1988, 50, 35-39.	0.7	23
16	Summary of presentations concerning bacterial and fungal activities in relation to iron metabolism and plants. Journal of Plant Nutrition, 1988, 11, 1605-1608.	0.9	0
17	NOVEL MODES OF ACTION OF AMINOGLYCOSIDE ANTIBIOTICS AGAINST PSEUDOMONAS AERUGINOSA. Lancet, The, 1988, 331, 1359-1361.	6.3	18
18	Recent progress and needed research in plant Fe nutrition. Journal of Plant Nutrition, 1988, 11, 1589-1603.	0.9	20
19	Capsular extracellular polysaccharide and hydroxamate formation by ironâ€deficientazotobacter chroococcumBâ€8. Journal of Plant Nutrition, 1988, 11, 945-957.	0.9	3
20	Comparison of Pasteurella multocida Serotype 3, 4 Isolates from Turkeys with Fowl Cholera. Avian Diseases, 1988, 32, 501.	0.4	29
21	Chromosome-mediated iron uptake system in pathogenic strains of Vibrio anguillarum. Journal of Bacteriology, 1988, 170, 1920-1925.	1.0	120
22	Genetics and regulation of enterobactin genes in Shigella flexneri. Journal of Bacteriology, 1988, 170, 5579-5587.	1.0	41
23	Isolation and characterization of Pseudomonas aeruginosa mutants requiring salicylic acid for pyochelin biosynthesis. Journal of Bacteriology, 1988, 170, 5364-5367.	1.0	70
24	Nucleotide sequence and regulation of the Escherichia coli gene for ferrienterobactin transport protein FepB. Journal of Bacteriology, 1989, 171, 5443-5451.	1.0	51
25	Mechanistically novel iron(III) transport system in Serratia marcescens. Journal of Bacteriology, 1989, 171, 238-243.	1.0	76
26	Analysis of ferrichrome biosynthesis in the phytopathogenic fungus Ustilago maydis: cloning of an ornithine-N5-oxygenase gene. Journal of Bacteriology, 1989, 171, 2811-2818.	1.0	48

#	Article	IF	Citations
27	Reductive and Non-reductive Mechanisms of Iron Assimilation by the Yeast Saccharomyces cerevisiae. Microbiology (United Kingdom), 1989, 135, 257-263.	0.7	78
28	Novel Aerobactin Receptor in Klebsiella pneumoniae. Microbiology (United Kingdom), 1989, 135, 3173-3181.	0.7	9
29	Physiological control of amonabactin biosynthesis inAeromonas hydrophila. Biology of Metals, 1989, 2, 155-160.	1.1	10
30	Extracellular and surface-bound biological activities of Vibrio fluvialis, Vibrio furnissii and related species. Medical Microbiology and Immunology, 1989, 178, 279-87.	2.6	5
31	A new growth medium for the study of siderophore-mediated interactions. Biology and Fertility of Soils, 1989, 8, 97.	2.3	53
32	Nucleotide sequence of the Escherichia coli entE gene. FEMS Microbiology Letters, 1989, 59, 15-19.	0.7	52
33	Siderophore production by environmental strains ofSalmonellaspecies. FEMS Microbiology Letters, 1989, 57, 7-12.	0.7	18
34	Co-ordinated expression of the components of iron transport (mycobactin, exochelin and envelope) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	15
35	Utilization of transferrin-bound iron byHaemophilusspecies of human and porcine origins. FEMS Microbiology Letters, 1989, 65, 123-127.	0.7	59
36	Production of haemolysin, aerobactin and enterobactin by strains of Escherichia coli causing bacteraemia in cancer patients, and their resistance to human serum. Research in Microbiology, 1989, 140, 21-26.	1.0	16
37	Effects of iron binding agents on Saccharomyces cerevisiae growth and cytochrome P450 content. Canadian Journal of Microbiology, 1989, 35, 945-950.	0.8	4
38	Amonabactin, a novel tryptophan- or phenylalanine-containing phenolate siderophore in Aeromonas hydrophila. Journal of Bacteriology, 1989, 171, 1811-1816.	1.0	89
39	Nucleotide sequence of Escherichia coli isochorismate synthetase gene entC and evolutionary relationship of isochorismate synthetase and other chorismate-utilizing enzymes. Journal of Bacteriology, 1989, 171, 775-783.	1.0	126
40	Point mutations in a conserved region (TonB box) of Escherichia coli outer membrane protein BtuB affect vitamin B12 transport. Journal of Bacteriology, 1989, 171, 6526-6533.	1.0	117
41	Characterization of Pasteurella multocida Mutants of Low Virulence. Avian Diseases, 1990, 34, 958.	0.4	4
42	Citrate as a siderophore in Bradyrhizobium japonicum. Journal of Bacteriology, 1990, 172, 3298-3303.	1.0	168
43	EntG activity of Escherichia coli enterobactin synthetase. Journal of Bacteriology, 1990, 172, 6403-6410.	1.0	30
44	In vivo degradation of secreted fusion proteins by the Escherichia coli outer membrane protease OmpT. Journal of Bacteriology, 1990, 172, 491-494.	1.0	163

#	Article	IF	Citations
45	Growth and siderophore production byBordetella pertussisunder iron-restricted conditions. FEMS Microbiology Letters, 1990, 66, 101-105.	0.7	30
46	Isolation and characterization of staphyloferrin A, a compound with siderophore activity from Staphylococcus hyicus DSM 20459. FEMS Microbiology Letters, 1990, 67, 201-206.	0.7	120
47	Staphyloferrin A: a structurally new siderophore from staphylococci. FEBS Journal, 1990, 191, 65-74.	0.2	135
48	Ferrioxamine transport mutants and the identification of the ferrioxamine receptor protein (FoxA) inErwinia herbicola (Enterobacter agglomerans). Biology of Metals, 1990, 2, 197-202.	1.1	30
49	Rhizosphere interactions and siderophores. Plant and Soil, 1990, 129, 101-107.	1.8	39
50	Production of siderophore by Edwardsiella tarda.. Fish Pathology, 1990, 25, 237-241.	0.4	20
51	Bacteriophage Mu as a genetic tool to study Erwinia amylovora pathogenicity and hypersensitive reaction on tobacco. Journal of Bacteriology, 1990, 172, 932-941.	1.0	35
52	Characteristics of Salmonella spp. and Escherischia coli Isolated from Broiler Flocks Classified as "Good" or "Poor" Producers. Avian Diseases, 1990, 34, 855.	0.4	2
53	Coordinate regulation of siderophore and diphtheria toxin production by iron in Corynebacterium diphtheriae. Microbial Pathogenesis, 1990, 9, 267-273.	1.3	82
54	Response of Haemophilus somnus to iron limitation: expression and identification of a bovine-specific transferrin receptor. Microbial Pathogenesis, 1990, 9, 397-406.	1.3	48
55	Purification, characterization, and structure of pseudobactin 589 A, a siderophore from a plant growth promoting Pseudomonas. Biochemistry, 1990, 29, 7348-7356.	1.2	49
56	Role of the entC gene in enterobactin and menaquinone biosynthesis in Escherichia coli. Archives of Biochemistry and Biophysics, 1990, 276, 331-335.	1.4	25
57	A survey of potential virulence markers from avian strains of Pasteurella multocida. Veterinary Microbiology, 1991, 26, 213-225.	0.8	17
58	Biological consequences of plasmid transformation of the plant growth promoting rhizobacterium Pseudomonas putida GR12-2. Canadian Journal of Microbiology, 1991, 37, 796-799.	0.8	27
59	Siderophore synthesis by mucoid Pseudomonas aeruginosa strains isolated from cystic fibrosis patients. Canadian Journal of Microbiology, 1991, 37, 654-657.	0.8	21
60	Siderophore production by Aeromonas salmonicida. Journal of General Microbiology, 1991, 137, 1185-1192.	2.3	42
61	Biodeterioration of cultural property: A bibliography. International Biodeterioration, 1991, 28, 229-340.	0.2	16
62	Purification of siderophores from cultures of fluorescent Pseudomonas spp by ion-exchange chromatography. Soil Biology and Biochemistry, 1991, 23, 1111-1113.	4.2	1

#	Article	IF	Citations
63	Evidence for non-siderophore-mediated acquisition of transferrin-bound iron by Pasteurella multocida. Microbial Pathogenesis, 1991, 11, 47-56.	1.3	25
64	Surface-disorganized, attenuated mutants of Aeromonas salmonicida as furunculosis live vaccines. Microbial Pathogenesis, 1991, 11, 85-99.	1.3	50
65	Genetic analysis of the enterobactin gene cluster in Shigella flexneri. Journal of Bacteriology, 1991, 173, 816-825.	1.0	23
66	Roles of porphyrins and host iron transport proteins in regulation of growth of Porphyromonas gingivalis W50. Journal of Bacteriology, 1991, 173, 7330-7339.	1.0	135
67	Investigation of the mechanism of iron acquisition by the marine bacterium Alteromonas luteoviolaceus : Characterization of siderophore production. Limnology and Oceanography, 1991, 36, 1783-1792.	1.6	69
68	Analysis of 55Fe-labeled hydroxamate siderophores by high-performance liquid chromatography. Journal of Chromatography A, 1991, 537, 259-267.	1.8	11
69	Siderophores and related outer membrane proteins in Vibrio spp. which are potential pathogens of fish and shellfish. Journal of Fish Diseases, 1991, 14, 249-263.	0.9	14
70	Biochemical and physiological characteristics and plasmid profiles of Aeromonas hydrophila strains, isolated from freshwater fish and from fresh water. Journal of Fish Diseases, 1991, 14, 313-321.	0.9	6
71	Organization of genes encoding membrane proteins of the Escherichia coli ferrienterobactin permease. Molecular Microbiology, 1991, 5, 1405-1413.	1.2	85
72	Simultaneous expression of a bacteriophage Mu transposase and repressor: a way of preventing killing due to mini-Mu replication. Molecular Microbiology, 1991, 5, 2011-2019.	1.2	4
73	Yersinia ruckeri produces four iron-regulated outer membrane proteins but does not produce detectable siderophores. Journal of Fish Diseases, 1991, 14, 563-570.	0.9	14
74	Cloning of a sequence ofAquaspirillum magnetotacticumthat complements thearoDgene ofEscherichia coli. Molecular Microbiology, 1991, 5, 2261-2264.	1.2	11
75	Acquisition of iron from transferrin byBordetella pertussis. FEMS Microbiology Letters, 1991, 77, 303-308.	0.7	16
76	Siderophore production bySalmonellaspecies isolated from different sources. FEMS Microbiology Letters, 1991, 79, 225-232.	0.7	13
77	Effect of iron concentration on siderophore synthesis and pigment production byCandida albicans. FEMS Microbiology Letters, 1991, 80, 87-92.	0.7	22
78	Evidence thatYersinia ruckeripossesses a high affinity iron uptake system. FEMS Microbiology Letters, 1991, 80, 121-126.	0.7	29
79	RESPONSE OF MARINE SYNECHOCOCCUS (CYANOPHYCEAE) CULTURES TO IRON NUTRITION1. Journal of Phycology, 1991, 27, 173-178.	1.0	27
80	Analysis of populations and physiological characterization of microorganisms in rhizospheres of plants with antagonistic properties to phytopathogenic nematodes. Plant and Soil, 1991, 136, 95-102.	1.8	78

#	Article	IF	Citations
81	Identification of enterobactin and linear dihydroxybenzoylserine compounds by HPLC and ion spray mass spectrometry (LC/MS and MS/MS). Biology of Metals, 1991, 4, 113-118.	1.1	36
82	Effects of iron(III) analogs on growth and pseudobactin synthesis in a chromiumtolerantPseudomonas isolate. Biology of Metals, 1991, 4, 211-216.	1.1	16
83	Rhizoferrin ? a novel siderophore from the fungusRhizopus microsporus var.rhizopodiformis. Biology of Metals, 1991, 4, 238-243.	1.1	68
84	Aluminium toxicity and binding to Escherichia coli. Archives of Microbiology, 1991, 156, 507-512.	1.0	68
85	Iron uptake and metabolism in the rhizobia/legume symbioses. Plant and Soil, 1991, 130, 199-209.	1.8	73
86	The requirement of chrysobactin dependent iron transport for virulence incited by Erwinia chrysanthemi on Saintpaulia ionantha. Plant and Soil, 1991, 130, 263-271.	1.8	20
87	Interactions between iron nutrition and Verticillium wilt resistance in tomato. Plant and Soil, 1991, 134, 281-286.	1.8	10
88	Isolation of bacteria producing siderophores under alkaline conditions. Applied Microbiology and Biotechnology, 1991, 36, 130-135.	1.7	19
89	Capacity of siderophore ? producing alkalophilic bacteria to accumulate iron, gallium and aluminum. Applied Microbiology and Biotechnology, 1991, 36, 136-141.	1.7	27
90	The isolation and immunolocalization of iron-binding compounds produced by Gloeophyllum trabeum. Applied Microbiology and Biotechnology, 1991, 35, 805.	1.7	59
91	Competitiveness of Rhizobium leguminosarum bv. phaseoli strains in relation to environmental stress and plant defense mechanisms. Biology and Fertility of Soils, 1991, 12, 170-176.	2.3	28
92	Use of chrome azurol S reagents to evaluate siderophore production by rhizosphere bacteria. Biology and Fertility of Soils, 1991, 12, 39-45.	2.3	731
93	Effects of iron depletion and sab-inhibitory concentrations of antibiotics on siderophore production by Staphylococcus aureus. Journal of Antimicrobial Chemotherapy, 1991, 28, 663-668.	1.3	25
94	Growth of Legionella spp. under conditions of iron restriction. Journal of Medical Microbiology, 1991, 34, 113-118.	0.7	26
95	Iron sources for Haemophilus ducreyi. Journal of Medical Microbiology, 1991, 34, 317-322.	0.7	54
96	Iron Nutrition and Interactions in Plants. , 1991, , .		11
97	Siderophore production and nitrogenfixation are mutually exclusive strategies in Anabaena 712. Limnology and Oceanography, 1991, 36, 1-12.	1.6	30
98	Correlation between the Ability of Haemophilus paragallinarum to Acquire Ovotransferrin-Bound Iron and the Expression of Ovotransferrin-Specific Receptors. Avian Diseases, 1992, 36, 655.	0.4	33

#	Article	IF	Citations
99	Relationship of Complement Resistance and Selected Virulence Factors in Pathogenic Avian Escherichia coli. Avian Diseases, 1992, 36, 679.	0.4	49
100	Characteristics of Conjugative R-Plasmids from Pathogenic Avian Escherichia coli. Avian Diseases, 1992, 36, 348.	0.4	26
101	Isolation of a novel siderophore from Pseudomonas cepacia. Journal of Medical Microbiology, 1992, 36, 184-189.	0.7	75
102	Regulatory roles of Fnr, Fur, and Arc in expression of manganese-containing superoxide dismutase in Escherichia coli.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3217-3221.	3.3	101
103	Generation of Azotobacter vinelandii strains defective in siderophore production and characterization of a strain unable to produce known siderophores. Journal of General Microbiology, 1992, 138, 587-596.	2.3	14
104	Localization of transposon insertions in pathogenicity mutants of Erwinia amylovora and their biochemical characterization. Journal of General Microbiology, 1992, 138, 931-940.	2.3	111
105	Frankiaproduces a hydroxamate siderophore under iron limitation. Journal of Plant Nutrition, 1992, 15, 2193-2201.	0.9	12
106	The availability of iron from various solidâ€phase iron sources to a siderophore producingPseudomonasstrain. Journal of Plant Nutrition, 1992, 15, 2221-2233.	0.9	4
107	Iron Acquisition in Haemophilus influenzae: Receptors for Human Transferrin. Journal of Infectious Diseases, 1992, 165, S103-S104.	1.9	36
108	Siderophore production and iron transport inRhizobium legummosarumbv. viciae MNF710. Journal of Plant Nutrition, 1992, 15, 2203-2220.	0.9	23
109	Iron transport systems of Serratia marcescens. Journal of Bacteriology, 1992, 174, 1378-1387.	1.0	85
110	Role of antibiotic production by Erwinia herbicola Eh252 in biological control of Erwinia amylovora. Journal of Bacteriology, 1992, 174, 2785-2796.	1.0	114
111	Characterization of a high-affinity iron transport system in Acinetobacter baumannii. Journal of Bacteriology, 1992, 174, 7670-7679.	1.0	48
112	Modification ofPseudomonas aeruginosaVirulence Factors by Sub-Inhibitory Concentrations of Antibiotics. Journal of Chemotherapy, 1992, 4, 78-81.	0.7	8
113	The Role of Siderophores in the Transport of Radionuclides. Materials Research Society Symposia Proceedings, 1992, 294, 765.	0.1	5
114	Siderophore Production of Klebsiella Species Isolated from Different Sources. Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology, 1992, 276, 481-486.	0.5	38
115	Laboratory investigation of virulence among strains of Yersinia enterocolitica and related species isolated from pigs and pork products. Canadian Journal of Microbiology, 1992, 38, 92-97.	0.8	34
116	Characterization oftrans-acting regulatory elements affecting the expression of Mn-superoxide dismutase (sodA) inEscherichia coli. Current Microbiology, 1992, 25, 135-141.	1.0	8

#	Article	IF	Citations
117	Transcription analysis and nucleotide sequence of tox promoter/operator mutants of corynebacteriophage Î². Microbial Pathogenesis, 1992, 13, 85-92.	1.3	16
118	Utilization by tomatoes of iron mediated by a siderophore produced byRhizopus arrhizus. Journal of Plant Nutrition, 1992, 15, 2173-2182.	0.9	88
119	Ferric iron uptake in Erwinia chrysanthemi mediated by chrysobactin and related catechol-type compounds. Journal of Bacteriology, 1992, 174, 4783-4789.	1.0	24
120	Isolation and characterization of Pseudomonas aeruginosa mutants blocked in the synthesis of pyoverdin. Journal of Bacteriology, 1992, 174, 5727-5731.	1.0	43
121	Iron uptake and molecular recognition in Pseudomonas putida: receptor mapping with ferrichrome and its biomimetic analogs. Journal of Bacteriology, 1992, 174, 78-83.	1.0	36
122	High-affinity iron uptake systems present in Erwinia carotovora subsp. carotovora include the hydroxamate siderophore aerobactin. Journal of Bacteriology, 1992, 174, 2993-3003.	1.0	37
123	Siderophore and organic acid production in root nodule bacteria. Archives of Microbiology, 1992, 157, 264-271.	1.0	91
124	Nutritional pattern and eco-physiology ofHortaea werneckii, agent of human tinea nigra. Antonie Van Leeuwenhoek, 1992, 62, 321-329.	0.7	51
125	Isolation and characterization of fluorescent Pseudomonas associated with the roots of rice and banana grown in Sri Lanka. Plant and Soil, 1992, 145, 51-63.	1.8	50
126	Rhizobial siderophore as an iron source for clover. Physiologia Plantarum, 1992, 85, 549-553.	2.6	19
127	Oxidation of 2-keto-4-thiomethylbutyric acid (KTBA) by iron-binding compounds produced by the wood-decaying fungusGloeophyllum trabeum. FEMS Microbiology Letters, 1992, 90, 263-266.	0.7	22
128	Rhizoferrin: A complexone type siderophore of the mocorales and entomophthorales (Zygomycetes). FEMS Microbiology Letters, 1992, 94, 37-41.	0.7	108
129	Isolation and partial characterization of a compound with siderophore activity fromVibrio parahaemolyticus. FEMS Microbiology Letters, 1992, 94, 181-186.	0.7	19
130	Siderophores and related outer membrane proteins produced by pseudomonads isolated from eels and freshwater. FEMS Microbiology Letters, 1992, 98, 269-275.	0.7	9
131	Negative transcriptional control of iron transport in Erwinia chrysanthemi involves an iron-responsive two-factor system. Molecular Microbiology, 1992, 6, 2009-2017.	1.2	18
132	Isolation and characterization of conditional adherent and non-type 1 fimbriated Salmonella typhimurium mutants. Molecular Microbiology, 1992, 6, 933-945.	1.2	34
133	Physicochemical characterization of the microbial Fe^{2 +} chelator proferrorosamine from Pseudomonas roseus fluorescens. Journal of Applied Bacteriology, 1992, 72, 44-50.	1.1	4
134	The nutritional selectivity of a siderophore-catabolizing bacterium. BioMetals, 1993, 6, 234-8.	1.8	6

#	Article	IF	Citations
135	Growth promotion of synthetic catecholate derivatives on Gram-negative bacteria. BioMetals, 1993, 6, 155.	1.8	15
136	Purification and chemical characterization of staphyloferrin B, a hydrophilic siderophore from staphylococci. BioMetals, 1993, 6, 185-92.	1.8	98
137	Zinc affects siderophore-mediated high affinity iron uptake systems in the rhizosphere Pseudomonas aeruginosa 7NSK2. BioMetals, 1993, 6, 85-91.	1.8	102
138	Responses by iron-efficient and inefficient oat cultivars to inoculation with siderophore-producing bacteria in a calcareous soil. Biology and Fertility of Soils, 1993, 16, 118-124.	2.3	14
139	Cloning and characterization of the Vibrio cholerae genes encoding the utilization of iron from haemin and haemoglobin. Molecular Microbiology, 1993, 7, 461-469.	1.2	117
140	Virulence of Yersinia enterocolitica is closely associated with siderophore production, expression of an iron-repressible outer membrane polypeptide of 65 000 Da and pesticin sensitivity. Molecular Microbiology, 1993, 8, 397-408.	1.2	186
141	Iron requirement and siderophore production in Bradyrhizobium strains isolated from Acacia mangium. Journal of Applied Bacteriology, 1993, 74, 675-682.	1.1	23
142	Detection of siderophores in growing cultures ofPseudomonas spp.. Journal of Industrial Microbiology, 1993, 11, 181-186.	0.9	21
143	Siderophore-mediated competition for iron and induced resistance in the suppression of fusarium wilt of carnation by fluorescent Pseudomonas spp. European Journal of Plant Pathology, 1993, 99, 277-289.	0.5	107
144	Survey on Newly Characterized Iron Uptake Systems of Yersinia enterocolitica. Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology, 1993, 278, 416-424.	0.5	32
145	Forms of Lactoferrin: Their Antibacterial Effect on Enterotoxigenic Escherichia coli. Journal of Dairy Science, 1993, 76, 2597-2606.	1.4	66
146	Siderophore production and iron-regulated envelope proteins of Helicobacter pylori. Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology, 1993, 280, 113-119.	0.5	19
147	Does siderophore production influence the relative abundance of Rhizobium meliloti in two field populations?. Canadian Journal of Microbiology, 1993, 39, 348-351.	0.8	10
148	Membrane Protein Expression by Actinobacillus actinomycetemcomitans in Response to Iron Availability. Journal of Dental Research, 1993, 72, 1366-1373.	2.5	30
149	Detection of tetracyclines and efflux pump inhibitors. Antimicrobial Agents and Chemotherapy, 1993, 37, 1624-1629.	1.4	30
150	Purification of yersiniabactin: a siderophore and possible virulence factor of Yersinia enterocolitica. Journal of General Microbiology, 1993, 139, 2159-2165.	2.3	112
151	Transferrin-binding ability of invasive and commensal isolates of Haemophilus spp.. Journal of Medical Microbiology, 1993, 39, 218-224.	0.7	26
152	The expression of potential colonization factors of yeasts isolated from fish during different growth conditions. Canadian Journal of Microbiology, 1993, 39, 1135-1141.	0.8	22

#	Article	IF	Citations
153	Alpha-keto acids are novel siderophores in the genera Proteus, Providencia, and Morganella and are produced by amino acid deaminases. Journal of Bacteriology, 1993, 175, 2727-2733.	1.0	90
154	Isolation and characterization of Bacillus subtilis genes involved in siderophore biosynthesis: relationship between B. subtilis sfpo and Escherichia coli entD genes. Journal of Bacteriology, 1993, 175, 6203-6211.	1.0	62
155	CLASSES OF MICROBIAL SIDEROPHORES. , 1993, , 3-26.		50
156	Isolation and characterization of Bordetella bronchiseptica mutants deficient in siderophore activity. Journal of Bacteriology, 1993, 175, 1144-1152.	1.0	43
157	Structures of Two Polyamine-Containing Catecholate Siderophores from vibrio fluvialis. Journal of Biochemistry, 1993, 113, 538-544.	0.9	51
158	Binding of hemin and Congo red by oral hemolytic spirochetes. Oral Microbiology and Immunology, 1993, 8, 245-250.	2.8	25
159	Aerobactin production by a planktonic marine Vibrio sp. Limnology and Oceanography, 1993, 38, 1091-1097.	1.6	111
160	Coordinate regulation of siderophore and exotoxin A production: molecular cloning and sequencing of the Pseudomonas aeruginosa fur gene. Journal of Bacteriology, 1993, 175, 2589-2598.	1.0	219
161	High-molecular-weight protein 2 of Yersinia enterocolitica is homologous to AngR of Vibrio anguillarum and belongs to a family of proteins involved in nonribosomal peptide synthesis. Journal of Bacteriology, 1993, 175, 5488-5504.	1.0	116
162	Siderophore-mediated iron transport correlates with the presence of specific iron-regulated proteins in the outer membrane of Rhizobium meliloti. Journal of Bacteriology, 1993, 175, 94-102.	1.0	29
163	BIOCHEMICAL AND GENETIC ANALYSIS OF SIDEROPHORES PRODUCED BY PLANT-ASSOCIATED PSEUDOMONAS AND ERWINIA SPECIES. , 1993, , 27-73.		5
164	Competition between Vibrio fischeri strains during initiation and maintenance of a light organ symbiosis. Journal of Bacteriology, 1994, 176, 1985-1991.	1.0	78
165	Acid-sensitive mutants of Salmonella typhimurium identified through a dinitrophenol lethal screening strategy. Journal of Bacteriology, 1994, 176, 2596-2602.	1.0	39
166	Iron chelator, exopolysaccharide and protease production in Staphylococcus epidermidis: a comparative study of the effects of specific growth rate in biofilm and planktonic culture. Microbiology (United Kingdom), 1994, 140, 153-157.	0.7	86
167	Phenotypic comparison between rhizosphere and clinical isolates of Burkholderia cepacia. Microbiology (United Kingdom), 1994, 140, 1069-1077.	0.7	92
168	Production of siderophore by coagulase-negative staphylococci and its relation to virulence. European Journal of Clinical Microbiology and Infectious Diseases, 1994, 13, 1063-1066.	1.3	15
169	Antimicrobial and cytotoxic activity produced by an isolate of the thermotolerant cyanobacterium (blue-green alga)Phormidium sp.. Biotechnology Letters, 1994, 8, 351-356.	0.5	1
170	Detection and differentiation of microbial siderophores by isoelectric focusing and chrome azurol S overlay. BioMetals, 1994, 7, 287-91.	1.8	69

#	Article	IF	Citations
171	Siderophore production byBradyrhizobium spp. strains nodulating groundnut. Plant and Soil, 1994, 163, 177-187.	1.8	15
172	Extent of high-affinity iron transport systems in field isolates of rhizobia. Plant and Soil, 1994, 164, 177-185.	1.8	12
173	Structure of vulnibactin, a new polyamine-containing siderophore from Vibrio vulnificus. BioMetals, 1994, 7, 109-16.	1.8	107
174	Structure of acinetoferrin, a new citrate-based dihydroxamate siderophore fromAcinetobacter haemolyticus. BioMetals, 1994, 7, 170-6.	1.8	41
175	Isolation and biological characterization of staphyloferrin B, a compound with siderophore activity from staphylococci. FEMS Microbiology Letters, 1994, 115, 125-130.	0.7	73
176	Role of siderophore in iron uptake in cowpeaRhizobiumGN1 (peanut isolate): Possible involvement of iron repressible outer membrane proteins. FEMS Microbiology Letters, 1994, 115, 185-189.	0.7	17
177	Role of iron in the pathogenicity ofVibrio damselafor fish and mammals. FEMS Microbiology Letters, 1994, 121, 181-188.	0.7	53
178	Identification of genes involved in the sequestration of iron in mycobacteria: the ferric exochelin biosynthetic and uptake pathways. Molecular Microbiology, 1994, 14, 557-569.	1.2	83
179	Growth inhibition of the salmon pathogen Vibrio ordalii by a siderophore produced by Vibrio anguillarum strain VL4355. Journal of Fish Diseases, 1994, 17, 311-324.	0.9	36
180	The pesticin receptor ofYersinia enterocolitica: a novel virulence factor with dual function. Molecular Microbiology, 1994, 13, 253-263.	1.2	160
181	Bacterial Antagonists to Verticillium dahliae Kleb.. Journal of Phytopathology, 1994, 141, 99-110.	0.5	61
182	Effect of subâ€MIC antibiotics on the cell surface and extracellular virulence determinants of Pseudomonas cepacia. Journal of Applied Bacteriology, 1994, 76, 190-195.	1.1	11
183	The FET3 gene of S. cerevisiae encodes a multicopper oxidase required for ferrous iron uptake. Cell, 1994, 76, 403-410.	13.5	654
184	Methods for the detection of Pseudomonas siderophores. Journal of Microbiological Methods, 1994, 19, 223-234.	0.7	36
185	[25] Detection, isolation, and characterization of siderophores. Methods in Enzymology, 1994, 235, 329-344.	0.4	379
186	Microbial Iron Transport. Annual Review of Microbiology, 1994, 48, 743-772.	2.9	592
187	Specificity of siderophore-mediated transport of iron in rhizobia. Archives of Microbiology, 1994, 161, 333-339.	1.0	24
188	Isolation and structure elucidation of acinetobactin., a novel siderophore from Acinetobacter baumannii. Archives of Microbiology, 1994, 162, 249-254.	1.0	114

#	Article	IF	Citations
189	Iron requirement and search for siderophores in lactic acid bacteria. Applied Microbiology and Biotechnology, 1994, 40, 735-739.	1.7	114
190	Ecological importance of motility for the plant growth-promoting rhizopseudomonas strain ANP15. Soil Biology and Biochemistry, 1994, 26, 269-277.	4.2	28
191	Growth and siderophore formation in six iron-limited strains of Frankia. Soil Biology and Biochemistry, 1994, 26, 561-567.	4.2	17
192	Siderophore production by New Zealand strains ofVibrio anguillarum. New Zealand Journal of Marine and Freshwater Research, 1994, 28, 309-315.	0.8	3
193	Siderophoreâ€Mediated Utilization of Iron Bound to Transferrin by Vibrio parahaemolyticus. Microbiology and Immunology, 1994, 38, 687-693.	0.7	24
194	[27] Identification and isolation of mutants defective in iron acquisition. Methods in Enzymology, 1994, 235, 352-356.	0.4	15
195	[28] Identification of receptor-mediated transferrin-iron uptake mechanism in Neisseria gonorrhoeae. Methods in Enzymology, 1994, 235, 356-363.	0.4	9
196	[29] Isolation of genes involved in iron acquisition by cloning and complementation of Escherichia coli mutants. Methods in Enzymology, 1994, 235, 363-372.	0.4	2
197	Proteus mirabilis amino acid deaminase: cloning, nucleotide sequence, and characterization of aad. Journal of Bacteriology, 1995, 177, 5878-5883.	1.0	66
198	Effects of growth rate and nutrient limitation on virulence factor production in Burkholderia cepacia. Journal of Bacteriology, 1995, 177, 4140-4143.	1.0	17
199	Influence of Pseudomonas aeruginosa exoproducts on virulence factor production in Burkholderia cepacia: evidence of interspecies communication. Journal of Bacteriology, 1995, 177, 6989-6992.	1.0	137
200	Overcoming the metabolic load associated with the presence of plasmid DNA in the plant growth promoting rhizobacteriumPseudomonas putidaGR12-2. Canadian Journal of Microbiology, 1995, 41, 624-628.	0.8	10
201	PHYSIOLOGICAL PROFILES OF SYNECHOCOCCUS (CYANOPHYCEAE) IN IRON-LIMITING CONTINUOUS CULTURES1. Journal of Phycology, 1995, 31, 79-85.	1.0	32
202	Cellâ€surface hydrophobicity and lipolysis as essential factors in human tinea nigra. Mycoses, 1995, 38, 489-494.	1.8	48
203	Structure elucidation of yersiniabactin, a siderophore from highly virulent Yersinia strains. Liebigs Annalen, 1995, 1995, 1727-1733.	0.8	107
204	Microbial production of (+)-trans-isochorismic acid. Biotechnology and Bioengineering, 1995, 45, 285-291.	1.7	21
205	Isolation and characterization of a visibly luminous variant ofVibrio fischeri strain ES114 from the sepiolid squidEuprymna scolopes. Archives of Microbiology, 1995, 164, 194-202.	1.0	16
206	Effects of iron level on the anatagonistic action of siderophores from non-pathogenicStaphylococcus spp. Journal of Industrial Microbiology, 1995, 15, 480-485.	0.9	14

#	Article	IF	Citations
207	Ornibactin production and transport properties in strains of Burkholderia vietnamiensis and Burkholderia cepacia (formerly Pseudomonas cepacia). BioMetals, 1995, 8, 309-317.	1.8	79
208	Production of the triacetecholate siderophore protochelin by Azotobacter vinelandii. BioMetals, 1995, 8, 332.	1.8	54
209	Studies on siderophore production and effect of iron deprivation on the outer membrane proteins of Madurella mycetomatis. Current Microbiology, 1995, 31, 220-223.	1.0	10
210	Structural genes for salicylate biosynthesis from chorismate in Pseudomonas aeruginosa. Molecular Genetics and Genomics, 1995, 249, 217-228.	2.4	184
211	Comparison of the main siderophores produced by some species of Streptomyces. Current Microbiology, 1995, 31, 129-133.	1.0	74
212	tRNA genes and pathogenicity islands: influence on virulence and metabolic properties of uropathogenic Escherichia coli. Molecular Microbiology, 1995, 17, 109-121.	1.2	110
213	Differential expression of two siderophore-dependent iron-acquisition pathways in Erwinia chrysanthemi 3937: characterization of a novel ferrisiderophore permease of the ABC transporter family. Molecular Microbiology, 1995, 18, 33-43.	1.2	70
214	Iron-responsive gene expression in Pseudomonas fluorescens M114; cloning and characterization of a transcription-activating factor, PbrA. Molecular Microbiology, 1995, 15, 297-306.	1.2	43
215	Virulence-associatedfyuA/irp2gene cluster ofYersinia enterocoliticabiotype 1B carries a novel insertion sequence IS1328. FEMS Microbiology Letters, 1995, 129, 287-292.	0.7	38
216	Influence of iron depletion on growth kinetics, siderophore production, and protein expression ofStaphylococcus aureus. FEMS Microbiology Letters, 1995, 127, 195-200.	0.7	20
217	Growth and 2-methylisoborneol production by the cyanobacterium Phormidium LM689. Water Science and Technology, 1995, 31, 181.	1.2	8
218	Identification of Pseudomonas fluorescens Strains Isolated from Raw Pork and Chicken That Produce Siderophores Antagonistic towards Foodborne Pathogens. Journal of Food Protection, 1995, 58, 1340-1344.	0.8	40
219	Bordetella pertussis fur gene restores iron repressibility of siderophore and protein expression to deregulated Bordetella bronchiseptica mutants. Journal of Bacteriology, 1995, 177, 268-270.	1.0	58
220	bvg Repression of alcaligin synthesis in Bordetella bronchiseptica is associated with phylogenetic lineage. Journal of Bacteriology, 1995, 177, 6058-6063.	1.0	50
221	Analysis of the pesticin receptor from Yersinia pestis: role in iron-deficient growth and possible regulation by its siderophore. Journal of Bacteriology, 1995, 177, 1824-1833.	1.0	120
222	Cooling Raw Milk: Change in the Spoilage Potential of Contaminating Pseudomonas. Journal of Food Protection, 1995, 58, 915-921.	0.8	20
223	Fur regulon of Salmonella typhimurium: identification of new iron-regulated genes. Journal of Bacteriology, 1995, 177, 4628-4637.	1.0	135
224	Staphylococcus aureus but not Staphylococcus epidermidis can acquire iron from transferrin. Microbiology (United Kingdom), 1995, 141, 197-203.	0.7	35

#	Article	IF	Citations
225	Effect of Iron Depletion on Protein Profiles of Bilophila wadsworthia. Clinical Infectious Diseases, 1995, 20, S158-S159.	2.9	3
226	Potential applications of molecular biology to the study of fish mycobacteriosis. Annual Review of Fish Diseases, 1995, 5, 133-173.	1.1	34
227	Lumbricus terrestris in a soil core experiment: Nutrient-enrichment processes (NEP) and gut-associated processes (GAP) and their effect on microbial biomass and microbial activity. Soil Biology and Biochemistry, 1995, 27, 1573-1580.	4.2	82
228	Development of a spectrophotometric determination of siderophores using flow-injection analysis. Talanta, 1995, 42, 837-843.	2.9	1
229	Uptake of iron by symbiosomes and bacteroids from soybean nodules. FEBS Letters, 1995, 361, 225-228.	1.3	65
230	Siderophore-promoted dissolution of hematite. Geochimica Et Cosmochimica Acta, 1995, 59, 3327-3330.	1.6	166
231	Utilization of heterologous siderophores and rhizosphere competence of fluorescentPseudomonasspp.. Canadian Journal of Microbiology, 1995, 41, 126-135.	0.8	179
232	Siderophores: Structure and Function of Microbial Iron Transport Compounds. Journal of Biological Chemistry, 1995, 270, 26723-26726.	1.6	1,388
234	The repB gene required for production of extracellular enzymes and fluorescent siderophores in Pseudomonas viridiflava is an analog of the gacA gene of Pseudomonas syringae. Canadian Journal of Microbiology, 1996, 42, 177-182.	0.8	33
235	Iron-limited growth and kinetics of iron uptake in Magnetospirillum gryphiswaldense. Archives of Microbiology, 1996, 166, 301-307.	1.0	141
236	The influence of substrate on siderophore production by fish spoilage bacteria. Journal of Microbiological Methods, 1996, 25, 199-205.	0.7	18
237	An isochorismate hydroxymutase isogene inEscherichia coli. FEBS Letters, 1996, 378, 131-134.	1.3	24
238	Iron acquisition from hydrous Fe(III)-oxides by an aerobic Pseudomonas sp.. Chemical Geology, 1996, 132, 25-31.	1.4	59
239	Iron repressible outer membrane proteins of Moraxella bovis and demonstration of siderophore-like activity. Veterinary Microbiology, 1996, 48, 315-324.	0.8	17
240	Metal-Microbe Interactions: Contemporary Approaches. Advances in Microbial Physiology, 1996, 38, 177-243.	1.0	154
241	Production of rhizoferrin and new analogues obtained by directed fermentation. Applied Microbiology and Biotechnology, 1996, 45, 664-670.	1.7	12
242	Cloning, nucleotide sequencing, and expression of the Azospirillum brasilense lon gene: involvement in iron uptake. Journal of Bacteriology, 1996, 178, 3440-3446.	1.0	20
243	Identification and characterization of iron-regulated Bordetella pertussis alcaligin siderophore biosynthesis genes. Journal of Bacteriology, 1996, 178, 4877-4884.	1.0	67

#	Article	IF	Citations
244	Energy-coupled transport across the outer membrane of Escherichia coli: ExbB binds ExbD and TonB in vitro, and leucine 132 in the periplasmic region and aspartate 25 in the transmembrane region are important for ExbD activity. Journal of Bacteriology, 1996, 178, 2836-2845.	1.0	102
245	Growth, iron requirements, and siderophore production in ironâ€limited Synechococcus PCC 72. Limnology and Oceanography, 1996, 41, 89-97.	1.6	84
246	Siderophore-mediated iron uptake in Alcaligenes eutrophus CH34 and identification of aleB encoding the ferric iron-alcaligin E receptor. Journal of Bacteriology, 1996, 178, 5499-5507.	1.0	39
247	The role of fur in the acid tolerance response of Salmonella typhimurium is physiologically and genetically separable from its role in iron acquisition. Journal of Bacteriology, 1996, 178, 5683-5691.	1.0	203
248	The ornithine decarboxylase gene odc is required for alcaligin siderophore biosynthesis in Bordetella spp.: putrescine is a precursor of alcaligin. Journal of Bacteriology, 1996, 178, 54-60.	1.0	85
249	Ferric uptake regulator (Fur) mutants of Pseudomonas aeruginosa demonstrate defective siderophore-mediated iron uptake, altered aerobic growth, and decreased superoxide dismutase and catalase activities. Journal of Bacteriology, 1996, 178, 3996-4003.	1.0	153
250	Utilization of Iron Sources and Its Possible Roles in the Pathogenesis of Vibrio parahaemolyticus. Microbiology and Immunology, 1996, 40, 791-798.	0.7	24
251	Effect of Metal Ions on the Quantitative Determination of Hydroxamic Acids. Analytical Chemistry, 1996, 68, 1812-1815.	3.2	10
252	Isolation and Characterization of Mutants of the Plant Growth-Promoting Rhizobacterium Pseudomonas putida GR12-2 That Overproduce Indoleacetic Acid. Current Microbiology, 1996, 32, 67-71.	1.0	306
253	Strains of the genus Serratia as beneficial rhizobacteria of oilseed rape with antifungal properties. Microbiological Research, 1996, 151, 433-439.	2.5	142
254	Stenotrophomonas maltophilia in the rhizosphere of oilseed rape â€" occurrence, characterization and interaction with phytopathogenic fungi. Microbiological Research, 1996, 151, 19-27.	2.5	113
255	Iron withholding by plant polyphenols and resistance to pathogens and rots. Phytochemistry, 1996, 42, 1551-1555.	1.4	89
256	Detection and identification of ferricrocin produced by ectendomycorrhizal fungi in the genusWilcoxina. BioMetals, 1996, 9, 229-234.	1.8	49
257	An ideR mutant of Mycobacterium smegmatis has derepressed siderophore production and an altered oxidative-stress response. Molecular Microbiology, 1996, 22, 535-544.	1.2	110
258	Ferric uptake regulator mutants of Pseudomonas aeruginosa with distinct alterations in the ironâ€dependent repression of exotoxin A and siderophores in aerobic and microaerobic environments. Molecular Microbiology, 1996, 21, 1001-1017.	1.2	111
259	Exotoxin A production in Pseudomonas aeruginosa requires the ironâ€regulated pvdS gene encoding an alternative sigma factor. Molecular Microbiology, 1996, 21, 1019-1028.	1.2	141
260	Isolation and characterization of a Pseudomonas aeruginosa gene, ptxR , which positively regulates exotoxin A production. Molecular Microbiology, 1996, 21, 97-110.	1.2	74
261	Tn5 insertion mutants of Pseudomonas sp. 267 defective in siderophore production and their effect on clover (Trifolium pratense) nodulated with Rhizobium leguminosarum bv. trifolii. Plant and Soil, 1996, 179, 269-274.	1.8	22

#	Article	IF	Citations
262	Cryptoendolithic microorganisms from Antarctic sandstone of Linnaeus Terrace (Asgard Range): diversity, properties and interactions. Biodiversity and Conservation, 1996, 5, 1337-1363.	1.2	61
263	Production of superoxide dismutases from Proteus mirabilis and Proteus vulgaris. BioMetals, 1996, 9, 131-7.	1.8	5
264	Desferrioxamine-dependent iron transport in Erwinia amylovora CFBP1430: cloning of the gene encoding the ferrioxamine receptor FoxR. BioMetals, 1996, 9, 143-50.	1.8	31
265	Physical and structural characterization of yersiniophore, a siderophore produced by clinical isolates of Yersinia enterocolitica. BioMetals, 1996, 9, 157-67.	1.8	61
266	Purification, spectroscopic analysis and biological activity of the macrocyclic dihydroxamate siderophore alcaligin produced by Bordetella pertussis and Bordetella bronchiseptica. BioMetals, 1996, 9, 191-203.	1.8	53
267	Antimicrobial activity of Pseudomonas spp. against food poisoning bacteria and moulds. Letters in Applied Microbiology, 1996, 22, 214-218.	1.0	31
268	Iron utilization studies inCitrobacterspecies. FEMS Microbiology Letters, 1996, 137, 141-146.	0.7	4
269	Iron depletion and virulence inStaphylococcus aureus. FEMS Microbiology Letters, 1996, 141, 117-127.	0.7	42
270	Interaction between fish spoilage bacteria Pseudomonas sp. and Shewanella putrefaciens in fish extracts and on fish tissue. Journal of Applied Bacteriology, 1996, 80, 589-595.	1.1	127
271	Acquisition of iron by the non-siderophore-producing Pseudomonas fragi. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	50
272	Trace Metal Uptake ByPichia Spartinae, an Endosymbiotic Yeast in the Salt Marsh Cord GrassSpartina Alterniflora. Chemistry and Ecology, 1996, 13, 113-131.	0.6	1
273	Biological control of Pythium ultimum by Stenotrophomonas maltophilia W81 is mediated by an extracellular proteolytic activity. Microbiology (United Kingdom), 1997, 143, 3921-3931.	0.7	223
274	Influence of iron, growth temperature and plasmids on siderophore production in Aeromonas hydrophila. Journal of Medical Microbiology, 1997, 46, 833-838.	0.7	10
275	Hyphal Sheath and Iron-Binding Compound Formation in Liquid Cultures of Wood Decay FungiGloeophyllum trabeumandPostia placenta. Holzforschung, 1997, 51, 503-510.	0.9	13
276	Cell Envelope Signaling in Escherichia coli. Journal of Biological Chemistry, 1997, 272, 28391-28397.	1.6	91
277	Identification of gene loci controlling pectate lyase production and soft-rot pathogenicity in Pseudomonas marginalis. Canadian Journal of Microbiology, 1997, 43, 425-431.	0.8	30
278	High Affinity Iron Acquisition in Rhizobium Leguminosarum Requires the cycHJKL Operon and the feuPQ Gene Products, which belong to the Family of Two-Component Transcriptional Regulators. Microbiology (United Kingdom), 1997, 143, 127-134.	0.7	45
279	Characterization of Burkholderia pseudomallei and Burkholderia pseudomallei-like strains. Epidemiology and Infection, 1997, 118, 137-148.	1.0	144

#	Article	IF	Citations
280	Salicylic Acid Produced by Serratia marcescens 90-166 Is Not the Primary Determinant of Induced Systemic Resistance in Cucumber or Tobacco. Molecular Plant-Microbe Interactions, 1997, 10, 761-768.	1.4	144
281	Cloning of a Vibrio cholerae vibriobactin gene cluster: identification of genes required for early steps in siderophore biosynthesis. Journal of Bacteriology, 1997, 179, 7055-7062.	1.0	82
282	An operon containing fumC and sodA encoding fumarase C and manganese superoxide dismutase is controlled by the ferric uptake regulator in Pseudomonas aeruginosa: fur mutants produce elevated alginate levels. Journal of Bacteriology, 1997, 179, 1452-1459.	1.0	96
283	Unusual structure of the tonB-exb DNA region of Xanthomonas campestris pv. campestris: tonB, exbB, and exbD1 are essential for ferric iron uptake, but exbD2 is not. Journal of Bacteriology, 1997, 179, 7103-7110.	1.0	44
284	Biosynthesis of pyochelin and dihydroaeruginoic acid requires the iron-regulated pchDCBA operon in Pseudomonas aeruginosa. Journal of Bacteriology, 1997, 179, 248-257.	1.0	155
285	Low molecular weight chelators and phenolic compounds isolated from wood decay fungi and their role in the fungal biodegradation of wood1This is paper 2084 of the Maine Agricultural and Forest Experiment Station.1. Journal of Biotechnology, 1997, 53, 133-162.	1.9	380
286	Salicylic Acid Produced by the Rhizobacterium Pseudomonas aeruginosa 7NSK2 Induces Resistance to Leaf Infection by Botrytis cinerea on Bean. Phytopathology, 1997, 87, 588-593.	1.1	304
287	Microorganisms and soil physico-chemical conditions in the drilosphere of Lumbricus terrestris. Soil Biology and Biochemistry, 1997, 29, 1721-1729.	4.2	75
288	Early weaning of seabass larvae, Dicentrarchus labrax: the effect on microbiota, with particular attention to iron supply and exoenzymes. Aquaculture, 1997, 158, 117-127.	1.7	50
289	Analysis of epidemic Pseudomonas aeruginosa isolated by isoelectric focusing of pyoverdine and RAPD-PCR: modern tools for an integrated anti-nosocomial infection strategy in burn wound centres. Burns, 1997, 23, 379-386.	1.1	34
290	Regions of Escherichia coli TonB and FepA proteins essential for in vivo physical interactions. Journal of Bacteriology, 1997, 179, 3213-3221.	1.0	101
291	Corynebactin, a Cyclic Catecholate Siderophore from. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1997, 52, 551-554.	0.6	39
292	High affinity iron-uptake systems in Vibrio damsela: role in the acquisition of iron from transferrin. Journal of Applied Microbiology, 1997, 82, 157-167.	1.4	21
293	Title is missing!. European Journal of Plant Pathology, 1997, 103, 433-440.	0.8	53
294	Title is missing!. World Journal of Microbiology and Biotechnology, 1997, 14, 31-36.	1.7	17
295	Iron uptake and intracellular metal transfer in mycobacteria mediated by xenosiderophores. BioMetals, 1997, 10, 193-203.	1.8	30
296	Title is missing!. World Journal of Microbiology and Biotechnology, 1997, 13, 501-510.	1.7	46
297	Structure of putrebactin, a new dihydroxamate siderophore produced by Shewanella putrefaciens. Journal of Biological Inorganic Chemistry, 1997, 2, 93-97.	1.1	68

#	Article	IF	Citations
298	A Study of Iron Acquisition Mechanisms of Legionella pneumophila Grown in Chemostat Culture. Current Microbiology, 1997, 34, 238-243.	1.0	35
299	Pathogenicity of Vibrio anguillarum serogroup O1 strains compared to plasmids, outer membrane protein profiles and siderophore production. Journal of Applied Microbiology, 1997, 82, 365-371.	1.4	36
300	Novel catecholate-type siderophore analogs based on a myo-inositol scaffold. BioMetals, 1998, 11, 243-251.	1.8	5
301	Title is missing!. European Journal of Plant Pathology, 1998, 104, 631-643.	0.8	122
302	Fe chelates from compost microorganisms improve Fe nutrition of soybean and oat. Plant and Soil, 1998, 200, 139-147.	1.8	46
303	Effect of the siderophore alcaligin E on the bioavailability of Cd to Alcaligenes eutrophus CH34. Journal of Industrial Microbiology and Biotechnology, 1998, 20, 61-68.	1.4	37
304	Characterization of a free-living maize-rhizosphere population of Burkholderia cepacia: effect of seed treatment on disease suppression and growth promotion of maize. FEMS Microbiology Ecology, 1998, 27, 225-237.	1.3	117
305	TheleuX-encoded tRNA5Leubut not the pathogenicity islands I and II influence the survival of the uropathogenicEscherichia colistrain 536 in CD-1 mouse bladder mucus in the stationary phase. FEMS Microbiology Letters, 1998, 162, 135-141.	0.7	13
306	Characterization of the catecholate indicator strainS. typhimuriumTA2700 as anent fhuCdouble mutant. FEMS Microbiology Letters, 1998, 163, 79-84.	0.7	10
307	Human transferrin as a source of iron for Streptococcus intermedius. FEMS Microbiology Letters, 1998, 166, 127-133.	0.7	6
308	Is thefurgene ofRhizobium leguminosarumessential?. FEMS Microbiology Letters, 1998, 168, 289-295.	0.7	17
309	Identification of iron-regulated outer membrane proteins in uropathogenicProteus mirabilisand its relationship with heme uptake. FEMS Microbiology Letters, 1998, 166, 243-248.	0.7	18
310	The ability to bind albumin is correlated with nitric oxide sensitivity inMoraxella catarrhalis. FEMS Microbiology Letters, 1998, 166, 249-255.	0.7	6
311	Role of siderophores in chickpea (Cicer arietinum L.) â€" Rhizobium symbiosis. Microbiological Research, 1998, 153, 47-53.	2.5	3
312	Combining proteolytic and phloroglucinol-producing bacteria for improved biocontrol of Pythium-mediated damping-off of sugar beet. Plant Pathology, 1998, 47, 299-307.	1.2	120
313	The rpfA gene of Xanthomonas campestris pathovar campestris, which is involved in the regulation of pathogenicity factor production, encodes an aconitase. Molecular Microbiology, 1998, 28, 961-970.	1.2	94
314	Exochelin genes inMycobacterium smegmatis: identification of an ABC transporter and two nonâ€ribosomal peptide synthetase genes. Molecular Microbiology, 1998, 29, 629-639.	1.2	69
315	Is the fur gene of Rhizobium leguminosarum essential?. FEMS Microbiology Letters, 1998, 168, 289-295.	0.7	23

#	Article	IF	Citations
316	Mechanism of inhibition of tannic acid and related compounds on the growth of intestinal bacteria. Food and Chemical Toxicology, 1998, 36, 1053-1060.	1.8	253
317	The role of isochorismate hydroxymutase genes entC and menF in enterobactin and menaquinone biosynthesis in Escherichia coli. Biochimica Et Biophysica Acta - General Subjects, 1998, 1425, 377-386.	1.1	29
318	Use of strains of Bacillus isolated in China to suppress take-all and rhizoctonia root rot, and promote seedling growth of glasshouse-grown wheat in Australian soils. Soil Biology and Biochemistry, 1998, 31, 19-29.	4.2	74
319	Production of the antibacterial substance by Bacillus sp. strain NM 12, an intestinal bacterium of Japanese coastal fish. Aquaculture, 1998, 165, 269-280.	1.7	159
320	Inhibition of In Vitro Growth of Coliform Bacteria by a Monoclonal Antibody Directed Against Ferric Enterobactin Receptor FepA. Journal of Dairy Science, 1998, 81, 1267-1274.	1.4	23
321	6.13 Iron Starvation and Siderophore-Mediated iron Transport. Methods in Microbiology, 1998, , 331-342.	0.4	6
324	Pseudomonas. , 1998, , .		6
325	Antibiotic Resistance and Putative Virulence Factors of Serratia Marcescens with Respect to O and K Serotypes. Journal of Medical Microbiology, 1998, 47, 1105-1113.	0.7	60
326	Rhizobium leguminosarum bv. viciae produces a novel cyclic trihydroxamate siderophore, vicibactin. Microbiology (United Kingdom), 1998, 144, 781-791.	0.7	53
327	Identification and Characterization of Siderophores of Mycorrhizal Fungi. , 1998, , 243-254.		12
328	Identification of the contiguous Paracoccus denitrificans ccmF and ccmH genes: disruption of ccmF, encoding a putative transporter, results in formation of an unstable apocytochrome c and deficiency in siderophore production. Microbiology (United Kingdom), 1998, 144, 467-477.	0.7	29
329	Population dynamics of bacteria including antifungal species in the rhizosphere of oilseed rape during its life cycle. Archives of Phytopathology and Plant Protection, 1998, 31, 215-224.	0.6	6
330	Invasion of Caco-2 Cells and Iron-acquiring Mechanisms by EnterovirulentEscherichia coliIsolates. Microbial Ecology in Health and Disease, 1998, 10, 25-32.	3.8	1
331	Regulation of the Salmonella typhimuriumFlavohemoglobin Gene. Journal of Biological Chemistry, 1998, 273, 34028-34032.	1.6	99
332	The Pasteurella haemolytica 35 kDa iron-regulated protein is an FbpA homologue. Microbiology (United Kingdom), 1998, 144, 3425-3436.	0.7	29
333	Iron Metabolism and Siderophores in Pseudomonas and Related Species. , 1998, , 201-243.		18
334	Influence of Iron Depletion on Interactions between Peach Bark Fungi in Vitro. Mycologia, 1998, 90, 947.	0.8	1
335	‹title›Fluorescence-lifetime technologies for high-throughput screening‹/title›. , 1998, , .		5

#	Article	IF	Citations
336	Evidence for the importance of catechol-type siderophores in the iron-limited growth of a cyanobacterium. Limnology and Oceanography, 1998, 43, 992-997.	1.6	28
337	Influence of iron depletion on interactions between peach bark fungi in vitro. Mycologia, 1998, 90, 947-953.	0.8	3
338	The Yersiniabactin Biosynthetic Gene Cluster of Yersinia enterocolitica : Organization and Siderophore-Dependent Regulation. Journal of Bacteriology, 1998, 180, 538-546.	1.0	192
339	Secondary Metabolite- and Endochitinase-Dependent Antagonism toward Plant-Pathogenic Microfungi of Pseudomonas fluorescens Isolates from Sugar Beet Rhizosphere. Applied and Environmental Microbiology, 1998, 64, 3563-3569.	1.4	171
340	Influence of Soft Rot Bacteria on Growth of Listeria monocytogenes on Potato Tuber Slicesâ€. Journal of Food Protection, 1999, 62, 343-348.	0.8	41
341	Hemolytic Activity and Siderophore Production in Different Aeromonas Species Isolated from Fish. Applied and Environmental Microbiology, 1999, 65, 5612-5614.	1.4	62
342	Inhibition of Vibrio anguillarum by Pseudomonas fluorescens AH2, a Possible Probiotic Treatment of Fish. Applied and Environmental Microbiology, 1999, 65, 969-973.	1.4	344
343	The importance of siderophores in iron nutrition of heterotrophic marine bacteria. Limnology and Oceanography, 1999, 44, 541-555.	1.6	165
344	The fhu genes of Rhizobium leguminosarum, specifying siderophore uptake proteins: fhuDCB are adjacent to a pseudogene version of fhuA. Microbiology (United Kingdom), 1999, 145, 593-601.	0.7	40
345	WITHHOLDINGANDEXCHANGINGIRON: Interactions BetweenErwiniaspp. and Their Plant Hosts. Annual Review of Phytopathology, 1999, 37, 307-334.	3.5	145
346	Phase variation of the lpf operon is a mechanism to evade cross-immunity between Salmonella serotypes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 13393-13398.	3.3	46
347	Protection of cucumber against Pythium root rot by fluorescent pseudomonads: predominant role of induced resistance over siderophores and antibiosis. Plant Pathology, 1999, 48, 66-76.	1.2	112
348	Actinorhodin production byStreptomyces coelicolorA3(2) in iron-restricted media. Letters in Applied Microbiology, 1999, 28, 199-202.	1.0	26
349	Characterization of theAcinetobacter baumanniiFur regulator: cloning and sequencing of thefurhomolog gene. FEMS Microbiology Letters, 1999, 170, 199-209.	0.7	37
350	Effect of microbial siderophores on matrix metalloproteinase-2 activity. Journal of Periodontal Research, 1999, 34, 50-53.	1.4	12
351	Title is missing!. BioMetals, 1999, 12, 189-193.	1.8	42
352	A Rock-Iron-Solubilizing Compound from Root Exudates of Tephrosia purpurea. Journal of Chemical Ecology, 1999, 25, 2327-2336.	0.9	5
353	Siderophores of Cunninghamella blakesleeana NCIM 687. World Journal of Microbiology and Biotechnology, 1999, 15, 265-268.	1.7	7

#	Article	IF	Citations
354	Antagonistic effect of Pseudomonas spp. on pathogenic fungi and enhancement of growth of green gram (Vigna radiata). Biology and Fertility of Soils, 1999, 29, 62-68.	2.3	94
355	Diversity of Superoxide-Dismutases Among Clinical and Soil Isolates of Streptomyces Species. Current Microbiology, 1999, 39, 365-368.	1.0	33
356	A siderophore from Pseudomonas putida type A1: structural and biological characterization. BBA - Proteins and Proteomics, 1999, 1435, 30-40.	2.1	14
357	Effect of urokinase on the extracellular virulence properties ofPseudomonas aeruginosa andBurkholderia cepacia. Journal of Basic Microbiology, 1999, 39, 17-24.	1.8	2
358	Screening for Plant Growthâ€“Promoting Rhizobacteria to Promote Early Soybean Growth. Soil Science Society of America Journal, 1999, 63, 1670-1680.	1.2	423
359	Isolation of an asporogenic (spoOA) protective antigen-producing strain of Bacillus anthracis. Canadian Journal of Microbiology, 1999, 45, 1-8.	0.8	48
360	Comparison of iron uptake in different Helicobacter species. Research in Microbiology, 1999, 150, 475-481.	1.0	35
361	Isolation and characterisation of a new antagonistic Burkholderia strain from the rhizosphere of healthy tomato plants. Research in Microbiology, 1999, 150, 45-59.	1.0	12
362	Pyrophosphate increases the efficiency of enterobactin-dependent iron uptake in Escherichia coli. Biochimie, 1999, 81, 245-253.	1.3	14
363	AnaroAMutant ofEdwardsiella ictalurils Safe and Efficacious as a Live, Attenuated Vaccine. Journal of Aquatic Animal Health, 1999, 11, 358-372.	0.6	54
364	Extracellular Iron Reductases: Identification of a New Class of Enzymes by Siderophore-Producing Microorganisms. Archives of Biochemistry and Biophysics, 1999, 364, 75-82.	1.4	52
365	Isolation and Partial Characterization of an Extracellular Low-Molecular Mass Component with High Phenoloxidase Activity fromThermoascus aurantiacus. Biochemical and Biophysical Research Communications, 1999, 256, 20-26.	1.0	14
366	A Putative ECF Ïƒ Factor Gene, rpoI, Regulates Siderophore Production in Rhizobium leguminosarum. Molecular Plant-Microbe Interactions, 1999, 12, 994-999.	1.4	18
367	The purMN Genes of Rhizobium leguminosarum and a Superficial Link with Siderophore Production. Molecular Plant-Microbe Interactions, 2000, 13, 228-231.	1.4	6
368	Characterization of siderophoreâ€mediated iron transport fromRhizobium leguminosarumbv.phaseoli.. Journal of Plant Nutrition, 2000, 23, 1669-1683.	0.9	9
369	Characterization of Vibrio parahaemolyticus Manganeseâ€Resistant Mutants in Reference to the Function of the Ferric Uptake Regulatory Protein. Microbiology and Immunology, 2000, 44, 963-970.	0.7	15
370	Identification of conserved traits in fluorescent pseudomonads with antifungal activity. Environmental Microbiology, 2000, 2, 274-284.	1.8	112
371	Genotypic and phenotypic differentiation of an antifungal biocontrol strain belonging toBacillus subtilis. Journal of Applied Microbiology, 2000, 89, 463-471.	1.4	64

#	Article	IF	Citations
372	Regulation of quorum sensing in Vibrio harveyi by LuxO and Sigma-54. Molecular Microbiology, 2000, 36, 940-954.	1.2	288
373	Evidence that Ralstonia eutropha (Alcaligenes eutrophus) contains a functional homologue of the Ralstonia solanacearum Phc cell density sensing system. Molecular Microbiology, 2000, 38, 359-367.	1.2	27
374	Comparison of virulence factors of oral Candida dubliniensis and Candida albicans isolates in healthy people and patients with chronic candidosis. Oral Microbiology and Immunology, 2000, 15, 238-244.	2.8	50
375	Growth stimulation ofPorphyromonas endodontalisby hemoglobin and protoporphyrin IX. Oral Microbiology and Immunology, 2000, 15, 365-370.	2.8	3
376	Fitness in soil and rhizosphere of Pseudomonas fluorescens C7R12 compared with a C7R12 mutant affected in pyoverdine synthesis and uptake. FEMS Microbiology Ecology, 2000, 34, 35-44.	1.3	74
377	Antifungal characteristics of a fluorescent Pseudomonas strain involved in the biological control of Rhizoctonia solani. Microbiological Research, 2000, 155, 233-242.	2.5	46
378	Pigment Diverse Mutants of Pseudomonas sp.: Inhibition of Fungal Growth and Stimulation of Growth of Cicer arietinum. Biologia Plantarum, 2000, 43, 563-569.	1.9	15
379	Title is missing!. World Journal of Microbiology and Biotechnology, 2000, 16, 567-570.	1.7	31
380	New synthetic catecholate-type siderophores based on amino acids and dipeptides. BioMetals, 2000, 13, 333-348.	1.8	13
381	Effect of Aluminum on the Production of Siderophore by Rhizobium sp. (Cicer arietinum). Current Microbiology, 2000, 41, 5-10.	1.0	30
382	Amonabactin-mediated iron acquisition from transferrin and lactoferrin by Aeromonas hydrophilaâ€Š: direct measurement of individual microscopic rate constants. Journal of Biological Inorganic Chemistry, 2000, 5, 57-66.	1.1	33
383	Plant growth promotion and fungicidal activity in a siderophore-producing strain ofProteus sp.. Folia Microbiologica, 2000, 45, 539-543.	1.1	7
384	Identification and Characterization of a Membrane Permease Involved in Iron-Hydroxamate Transport inStaphylococcus aureus. Journal of Bacteriology, 2000, 182, 4394-4400.	1.0	128
385	The salicylate-derived mycobactin siderophores of Mycobacterium tuberculosis are essential for growth in macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 1252-1257.	3.3	500
386	Bordetella pertussis TonB, a Bvg-Independent Virulence Determinant. Infection and Immunity, 2000, 68, 1919-1927.	1.0	45
387	Role of Molybdate and Other Transition Metals in the Accumulation of Protochelin by Azotobacter vinelandii. Applied and Environmental Microbiology, 2000, 66, 1580-1586.	1.4	46
389	Bacterial Growth Stimulation with Exogenous Siderophore and Synthetic N -Acyl Homoserine Lactone Autoinducers under Iron-Limited and Low-Nutrient Conditions. Applied and Environmental Microbiology, 2000, 66, 2797-2803.	1.4	57
390	Successful strategy for the selection of new strawberry-associated rhizobacteria antagonistic to Verticillium wilt. Canadian Journal of Microbiology, 2000, 46, 1128-1137.	0.8	54

#	Article	IF	Citations
391	Discovery of a Nonclassical Siderophore, Legiobactin, Produced by Strains of Legionella pneumophila. Journal of Bacteriology, 2000, 182, 749-757.	1.0	66
392	A Serine Protease-Encoding Gene (aprII) of Alteromonas sp. Strain O-7 Is Regulated by the Iron Uptake Regulator (Fur) Protein. Applied and Environmental Microbiology, 2000, 66, 3778-3783.	1.4	12
393	Identification of a Siderophore Receptor Required for Ferric Ornibactin Uptake in Burkholderia cepacia. Infection and Immunity, 2000, 68, 6554-6560.	1.0	57
394	Iron-Chelating Activity of Tetracyclines and Its Impact on the Susceptibility of Actinobacillus actinomycetemcomitans to These Antibiotics. Antimicrobial Agents and Chemotherapy, 2000, 44, 763-766.	1.4	77
395	The Overlapping angB and angG Genes Are Encoded within the trans-Acting Factor Region of the Virulence Plasmid in Vibrio anguillarum: Essential Role in Siderophore Biosynthesis. Journal of Bacteriology, 2000, 182, 6762-6773.	1.0	41
396	Quinolobactin, a New Siderophore of Pseudomonas fluorescens ATCC 17400, the Production of Which Is Repressed by the Cognate Pyoverdine. Applied and Environmental Microbiology, 2000, 66, 487-492.	1.4	105
397	Pseudobactin Biogenesis in the Plant Growth-Promoting Rhizobacterium Pseudomonas Strain B10: Identification and Functional Analysis of the l-Ornithine N5-Oxygenase (psbA) Gene. Journal of Bacteriology, 2000, 182, 6233-6238.	1.0	35
398	In Vivo and in Vitro Interactions between Pseudomonas fluorescens and Pythium ultimum in the Suppression of Damping-off in Tomato Seedlings. Biological Control, 2000, 19, 1-8.	1.4	34
399	Cloning the Soil Metagenome: a Strategy for Accessing the Genetic and Functional Diversity of Uncultured Microorganisms. Applied and Environmental Microbiology, 2000, 66, 2541-2547.	1.4	1,076
400	Characterization and mutagenesis of fur gene from Burkholderia pseudomallei. Gene, 2000, 254, 129-137.	1.0	38
401	Microenvironments of pH in biofilms grown on dissolving silicate surfaces. Chemical Geology, 2000, 171, 1-16.	1.4	85
402	Rates of bacteria-promoted solubilization of Fe from minerals: a review of problems and approaches. Chemical Geology, 2000, 169, 357-370.	1.4	158
403	Hydroxamate siderophores of root nodule bacteria. Soil Biology and Biochemistry, 2000, 32, 11-21.	4.2	104
404	Role of bacterial siderophores in dissolution of hornblende. Geochimica Et Cosmochimica Acta, 2000, 64, 587-602.	1.6	215
405	X-ray photoelectron evidence for bacteria-enhanced dissolution of hornblende. Geochimica Et Cosmochimica Acta, 2000, 64, 1331-1343.	1.6	129
406	Plant growth-promoting bacteria that decrease heavy metal toxicity in plants. Canadian Journal of Microbiology, 2000, 46, 237-245.	0.8	766
407	Siderophore Production and Iron Reduction by Pseudomonas mendocina in Response to Iron Deprivation. Geomicrobiology Journal, 2000, 17, 261-273.	1.0	56
408	Purification and Characterization of thePasteurella Haemolytica35 Kilodalton Periplasmic Iron-Regulated Protein. Preparative Biochemistry and Biotechnology, 2000, 30, 343-355.	1.0	1

#	Article	IF	Citations
409	Occurrence of Siderophores in Enterococci. Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology, 2000, 289, 807-815.	0.5	9
410	Effets de l'inoculation avec des souches deRhizobium leguminosarumbiovartrifoliisur la croissance du blÃ© dans deux sols du Maroc. Canadian Journal of Microbiology, 2001, 47, 590-593.	0.8	51
411	Metals and the rhizobial-legume symbiosis â€" Uptake, utilization and signalling. Advances in Microbial Physiology, 2001, 45, 113-156.	1.0	35
412	Mechanisms of wood degradation by brown-rot fungi: chelator-mediated cellulose degradation and binding of iron by cellulose. Journal of Biotechnology, 2001, 87, 43-57.	1.9	161
413	Characterization of Fluorescent and Nonfluorescent Peptide Siderophores Produced by Pseudomonas syringae Strains and Their Potential Use in Strain Identification. Applied and Environmental Microbiology, 2001, 67, 1718-1727.	1.4	59
414	Temperature dependent siderophore production in Vibrio salmonicida. Microbial Pathogenesis, 2001, 31, 213-219.	1.3	60
415	Presence of high-affinity iron uptake systems in fish-isolated and environmental strains of Vibrio anguillarum serotype O3. FEMS Microbiology Letters, 2001, 202, 79-83.	0.7	10
416	CAS agar diffusion assay for the measurement of siderophores in biological fluids. Journal of Microbiological Methods, 2001, 44, 89-95.	0.7	135
417	A simple agar plate assay for screening siderophore producer yeasts. Journal of Microbiological Methods, 2001, 47, 273-279.	0.7	21
418	The dhb Operon of Bacillus subtilisEncodes the Biosynthetic Template for the Catecholic Siderophore 2,3-Dihydroxybenzoate-Glycine-Threonine Trimeric Ester Bacillibactin. Journal of Biological Chemistry, 2001, 276, 7209-7217.	1.6	318
419	Analysis of the pmsCEAB Gene Cluster Involved in Biosynthesis of Salicylic Acid and the Siderophore Pseudomonine in the Biocontrol Strain Pseudomonas fluorescens WCS374. Journal of Bacteriology, 2001, 183, 1909-1920.	1.0	161
420	Growth of Pseudomonas mendocina on Fe(III) (Hydr)Oxides. Applied and Environmental Microbiology, 2001, 67, 4448-4453.	1.4	56
421	Involvement ofgacSandrpoSin enhancement of the plant growth-promoting capabilities ofEnterobacter cloacaeCAL2 and UW4. Canadian Journal of Microbiology, 2001, 47, 698-705.	0.8	143
422	Role of Iron in Rhizobacteria-Mediated Induced Systemic Resistance of Cucumber. Phytopathology, 2001, 91, 593-598.	1.1	103
423	Uptake of Trace Metals and Rare Earth Elements from Hornblende by a Soil Bacterium. Geomicrobiology Journal, 2001, 18, 37-61.	1.0	82
424	The Possibility of Regulating the Species Composition of Marine Phytoplankton Using Organically Complexed Iron.. Analytical Sciences, 2001, 17, 209-211.	0.8	10
425	Actinomycetes, promising tools to control plant diseases and to promote plant growth. Phytoprotection, 2001, 82, 85-102.	0.3	209
426	Involvement of gacA Gene in the Suppression of Tomato Bacterial Wilt by Pseudomonas fluorescens FPT9601. Journal of General Plant Pathology, 2001, 67, 134-143.	0.6	5

#	Article	IF	Citations
427	Virulence factors of clinical isolates ofAeromonas caviae. Folia Microbiologica, 2001, 46, 321-326.	1.1	5
428	Selection and evaluation ofAzospirillum brasilense strains growing at a sub-optimum temperature in rhizocoenosis with wheat. Folia Microbiologica, 2001, 46, 327-332.	1.1	12
429	Collection and detection of natural iron-binding ligands from seawater. Marine Chemistry, 2001, 76, 175-187.	0.9	180
430	Biodecolorization screening of synthetic dyes by four white-rot fungi in a solid medium: possible role of siderophores. Letters in Applied Microbiology, 2001, 33, 21-25.	1.0	37
431	Violacein biotransformation by basidiomycetes and bacteria. Letters in Applied Microbiology, 2001, 33, 316-319.	1.0	5
432	The probiotic potential against vibriosis of the indigenous microflora of rainbow trout. Environmental Microbiology, 2001, 3, 755-765.	1.8	163
433	The effect of incorporating straw or manure into the soil on the natural microflora of winter wheat. Plant Pathology, 2001, 50, 537-545.	1.2	9
434	Evaluating the basidiomycetes Poria medula-panis and Wolfiporia cocos for xylanase production. Enzyme and Microbial Technology, 2001, 28, 522-526.	1.6	14
435	Occurrence of iron-reducing compounds in biodelignified â€œpalo podridoâ€•wood samples. International Biodeterioration and Biodegradation, 2001, 47, 203-208.	1.9	20
436	Acquisition of iron from human transferrin byPorphyromonas gingivalis: a role for Arg- and Lys-gingipain activities. Oral Microbiology and Immunology, 2001, 16, 79-87.	2.8	50
437	The remarkable hydrophobic effect of a fatty acid side chain on the microbial growth promoting activity of a synthetic siderophore. BioMetals, 2001, 14, 153-157.	1.8	11
438	Hydroxamate siderophore synthesis by Phialocephala fortinii, a typical dark septate fungal root endophyte. BioMetals, 2001, 14, 33-42.	1.8	68
439	New artificial siderophores based on a monosaccharide scaffold. BioMetals, 2001, 14, 1-11.	1.8	10
440	Title is missing!. Biotechnology Letters, 2001, 23, 1759-1763.	1.1	5
441	Title is missing!. World Journal of Microbiology and Biotechnology, 2001, 17, 687-690.	1.7	26
442	Presence of high-affinity iron uptake systems in fish-isolated and environmental strains ofVibrio anguillarumserotype O3. FEMS Microbiology Letters, 2001, 202, 79-83.	0.7	10
443	Biological activity and colonization pattern of the bioluminescence-labeled plant growth-promoting bacterium Kluyvera ascorbata SUD165/26. FEMS Microbiology Ecology, 2001, 35, 137-144.	1.3	30
444	Two structural isomeric siderophores from the freshwater cyanobacterium Anabaena cylindrica (NIES-19). Tetrahedron, 2001, 57, 9093-9099.	1.0	57

#	Article	IF	Citations
445	Synthesis of Multiple N-Acylhomoserine Lactones is Wide-spread Among the Members of the Burkholderia cepacia Complex. Systematic and Applied Microbiology, 2001, 24, 1-14.	1.2	139
446	Suppression of maize root diseases caused by Macrophomina phaseolina, Fusarium moniliforme and Fusarium graminearum by plant growth promoting rhizobacteria. Microbiological Research, 2001, 156, 209-223.	2.5	176
447	Influence of iron on growth, production of sidero bore compounds, membrane proteins, and lipase activity in Acinetobacter calcoaceticus BD 413. Microbiological Research, 2001, 155, 263-269.	2.5	16
448	Monoclonal antibodies against the iron regulated outer membrane Proteins of Acinetobacter baumannii are bactericidal. BMC Microbiology, 2001, 1, 16.	1.3	64
449	Bacterial response to siderophore and quorum-sensing chemical signals in the seawater microbial community. BMC Microbiology, 2001, 1, 27.	1.3	30
450	Screening System for Xenosiderophores as Potential Drug Delivery Agents in Mycobacteria. Antimicrobial Agents and Chemotherapy, 2001, 45, 1317-1322.	1.4	27
451	Reduced Virulence of a Bordetella bronchiseptica Siderophore Mutant in Neonatal Swine. Infection and Immunity, 2001, 69, 2137-2143.	1.0	24
452	Fractionation of Fe isotopes by soil microbes and organic acids. Geology, 2001, 29, 535.	2.0	174
453	Regulation of Ornibactin Biosynthesis and N -Acyl- l -Homoserine Lactone Production by CepR in Burkholderia cepacia. Journal of Bacteriology, 2001, 183, 2212-2218.	1.0	109
454	Effect of Exogenous Siderophores on Iron Uptake Activity of Marine Bacteria under Iron-Limited Conditions. Applied and Environmental Microbiology, 2001, 67, 1710-1717.	1.4	84
455	Transcriptional Activation of Bordetella Alcaligin Siderophore Genes Requires the AlcR Regulator with Alcaligin as Inducer. Journal of Bacteriology, 2001, 183, 483-489.	1.0	46
456	Genetic Organization of the Region Encoding Regulation, Biosynthesis, and Transport of Rhizobactin 1021, a Siderophore Produced by Sinorhizobium meliloti. Journal of Bacteriology, 2001, 183, 2576-2585.	1.0	191
457	Comparison of Antifungal Activities and 16S Ribosomal DNA Sequences of Clinical and Environmental Isolates of Stenotrophomonas maltophilia. Journal of Clinical Microbiology, 2001, 39, 139-145.	1.8	106
458	Iron-Binding Compounds from Agrobacterium spp.: Biological Control Strain Agrobacterium rhizogenes K84 Produces a Hydroxamate Siderophore. Applied and Environmental Microbiology, 2001, 67, 654-664.	1.4	50
459	The cep quorum-sensing system of Burkholderia cepacia H111 controls biofilm formation and swarming motility. Microbiology (United Kingdom), 2001, 147, 2517-2528.	0.7	414
460	A Phosphopantetheinyl Transferase Homolog Is Essential for Photorhabdus luminescens To Support Growth and Reproduction of the Entomopathogenic Nematode Heterorhabditis bacteriophora. Journal of Bacteriology, 2001, 183, 3117-3126.	1.0	65
461	The Bordetella bhu Locus Is Required for Heme Iron Utilization. Journal of Bacteriology, 2001, 183, 4278-4287.	1.0	68
462	Growth Interactions during Bacterial Colonization of Seedling Rootlets. Applied and Environmental Microbiology, 2001, 67, 1945-1948.	1.4	27

#	Article	IF	Citations
463	In Staphylococcus aureus , Fur Is an Interactive Regulator with PerR, Contributes to Virulence, and Is Necessary for Oxidative Stress Resistance through Positive Regulation of Catalase and Iron Homeostasis. Journal of Bacteriology, 2001, 183, 468-475.	1.0	252
464	Advancing the Quorum in Pseudomonas aeruginosa : MvaT and the Regulation of N -Acylhomoserine Lactone Production and Virulence Gene Expression. Journal of Bacteriology, 2002, 184, 2576-2586.	1.0	234
465	Bradyoxetin, a unique chemical signal involved in symbiotic gene regulation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14446-14451.	3.3	105
466	Transcriptional and Proteomic Analysis of a Ferric Uptake Regulator (Fur) Mutant of Shewanella oneidensis : Possible Involvement of Fur in Energy Metabolism, Transcriptional Regulation, and Oxidative Stress. Applied and Environmental Microbiology, 2002, 68, 881-892.	1.4	170
467	Molecular Cloning of the fur Gene from Actinobacillus actinomycetemcomitans. Infection and Immunity, 2002, 70, 3170-3179.	1.0	14
468	Role of the High-Affinity Zinc Uptake znuABC System in Salmonella enterica Serovar Typhimurium Virulence. Infection and Immunity, 2002, 70, 4721-4725.	1.0	140
469	Chrysobactin-dependent Iron Acquisition inErwinia chrysanthemi. Journal of Biological Chemistry, 2002, 277, 2385-2395.	1.6	31
470	Use of Subtractive Hybridization To Identify a Diagnostic Probe for a Cystic Fibrosis Epidemic Strain of Pseudomonas aeruginosa. Journal of Clinical Microbiology, 2002, 40, 4607-4611.	1.8	48
471	Transfer of the Core Region Genes of the Yersinia enterocolitica WA-C Serotype O:8 High-Pathogenicity Island to Y. enterocolitica MRS40, a Strain with Low Levels of Pathogenicity, Confers a Yersiniabactin Biosynthesis Phenotype and Enhanced Mouse Virulence. Infection and Immunity, 2002, 70, 1832-1841.	1.0	26
472	Serotypes, Siderophore Synthesis, and Serum Resistance of Uropathogenic Klebsiella Isolates. , 2000, 485, 237-241.		1
473	Virulence Factors Associated with Escherichia coli Present in a Commercially Produced Competitive Exclusion Product. Avian Diseases, 2002, 46, 704-707.	0.4	6
474	The Role of the Airs Two-component System in Uropathogenic Escherichia Coli. , 2000, 485, 137-142.		7
475	RirA, an iron-responsive regulator in the symbiotic bacterium Rhizobium leguminosarum The GenBank accession number for the RirA sequence is CAC35510.. Microbiology (United Kingdom), 2002, 148, 4059-4071.	0.7	114
476	Intracellular cyclic AMP concentration is decreased in Salmonella typhimurium fur mutants The GenBank accession number for the sequence reported in this paper is AF268282.. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Ov		43
477	Brucella abortus strain 2308 produces brucebactin, a highly efficient catecholic siderophore The GenBank accession number for the sequence reported in this paper is AF361942.. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10		47
478	Loss of Regulatory Protein RfaH Attenuates Virulence of Uropathogenic Escherichia coli. Infection and Immunity, 2002, 70, 4406-4413.	1.0	87
479	Construction and Characterization of Transposon Insertion Mutations in Corynebacterium diphtheriae That Affect Expression of the Diphtheria Toxin Repressor (DtxR). Journal of Bacteriology, 2002, 184, 5723-5732.	1.0	42
480	rpfF Mutants of Xanthomonas oryzae pv. oryzae Are Deficient for Virulence and Growth Under Low Iron Conditions. Molecular Plant-Microbe Interactions, 2002, 15, 463-471.	1.4	110

#	Article	IF	Citations
481	TonB Interacts with Nonreceptor Proteins in the Outer Membrane of Escherichia coli. Journal of Bacteriology, 2002, 184, 1640-1648.	1.0	29
482	Siderophore Production and Induction of Iron-regulated Proteins by a Microorganism from Rhizosphere of Barley. Bioscience, Biotechnology and Biochemistry, 2002, 66, 2471-2473.	0.6	11
483	Genetics and Assembly Line Enzymology of Siderophore Biosynthesis in Bacteria. Microbiology and Molecular Biology Reviews, 2002, 66, 223-249.	2.9	697
484	Novel Plant-Microbe Rhizosphere Interaction Involving Streptomyces lydicus WYEC108 and the Pea Plant (Pisum sativum). Applied and Environmental Microbiology, 2002, 68, 2161-2171.	1.4	353
485	Quorum-Sensing Signals and Quorum-Sensing Genes in Burkholderia vietnamiensis. Journal of Bacteriology, 2002, 184, 1187-1191.	1.0	44
486	Isolation, Characterization, and Identification of Bacteria Associated with the Zinc HyperaccumulatorThlaspi caerulescenssubsp.Calaminaria. International Journal of Phytoremediation, 2002, 4, 101-115.	1.7	98
487	Identification of Peptaibols from Trichoderma virens and Cloning of a Peptaibol Synthetase. Journal of Biological Chemistry, 2002, 277, 20862-20868.	1.6	202
488	Siderophore Typing, a Powerful Tool for the Identification of Fluorescent and Nonfluorescent Pseudomonads. Applied and Environmental Microbiology, 2002, 68, 2745-2753.	1.4	189
489	Impaired maturation of the siderophore pyoverdine chromophore inPseudomonas fluorescensATCC 17400 deficient for the cytochromecbiogenesis protein CcmC. FEBS Letters, 2002, 523, 23-28.	1.3	33
490	Dissolution of iron hydroxides by marine bacterial siderophore. Chemical Geology, 2002, 184, 1-9.	1.4	61
491	Siderophore production by an aerobic Pseudomonas mendocina bacterium in the presence of kaolinite. Chemical Geology, 2002, 188, 161-170.	1.4	32
492	Intracellular Fe content influences nodulation competitiveness of Sinorhizobium meliloti strains as inocula of alfalfa. Soil Biology and Biochemistry, 2002, 34, 593-597.	4.2	14
493	Highly Antibacterial Active Aminoacyl Penicillin Conjugates with Acylated Bis-Catecholate Siderophores Based on Secondary Diamino Acids and Related Compounds. Journal of Medicinal Chemistry, 2002, 45, 3032-3040.	2.9	63
494	Alfalfa growth promotion by bacteria grown under iron limiting conditions. Journal of Environmental Management, 2002, 6, 391-399.	1.7	46
495	Cyanobacterial siderophores: the chemical property and the physiological role. Fisheries Science, 2002, 68, 645-646.	0.7	0
496	Alcaligin Siderophore Production by Bordetella bronchiseptica Strain RB50 Is Not Repressed by the BvgAS Virulence Control System. Journal of Bacteriology, 2002, 184, 7055-7057.	1.0	4
497	Iron-acquisition Ability of Edwardsiella tarda with Involvement in Its Virulence.. Fish Pathology, 2002, 37, 53-57.	0.4	17
498	Plant disease suppression and growth promotion by a fluorescentPseudomonas strain. Folia Microbiologica, 2002, 47, 137-143.	1.1	28

#	Article	IF	Citations
499	Biological activity of secondary metabolites produced by a strain ofPseudomonas fluorescens. Folia Microbiologica, 2002, 47, 359-363.	1.1	22
500	Plant growth enhancement and suppression of Macrophomina phaseolina causing charcoal rot of peanut by fluorescent Pseudomonas. Biology and Fertility of Soils, 2002, 35, 399-405.	2.3	106
501	Stimulation of nodulation and plant growth of chickpea (Cicer arietinum L .) by Pseudomonas spp. antagonistic to fungal pathogens. Biology and Fertility of Soils, 2002, 36, 391-396.	2.3	46
502	The vbs genes that direct synthesis of the siderophore vicibactin in Rhizobium leguminosarum: their expression in other genera requires ECF Ïƒ factor RpoI. Molecular Microbiology, 2002, 44, 1153-1166.	1.2	44
503	Diversity of siderophore-mediated iron uptake systems in fluorescent pseudomonads: not only pyoverdines. Environmental Microbiology, 2002, 4, 787-798.	1.8	268
504	Production of metal chelating compounds by white and brown-rot fungi and their comparative abilities for pulp bleaching. Enzyme and Microbial Technology, 2002, 30, 562-565.	1.6	39
505	Characterization ofN-acyl homoserine lactone overproducing mutants ofBurkholderia multivoransATCC 17616. FEMS Microbiology Letters, 2002, 206, 201-207.	0.7	10
506	Effects of porphyrins and inorganic iron on the growth ofPrevotella intermedia. FEMS Microbiology Letters, 2002, 209, 15-21.	0.7	26
507	Influence of continuous membrane bioreactor operation on ferrichrome production using Ustilago maydis. Desalination, 2002, 149, 261-266.	4.0	1
508	Unusual traits of the pyoverdin-mediated iron acquisition system in Pseudomonas putida strain BTP1. BioMetals, 2002, 15, 1-13.	1.8	18
509	Ferricrocin--an ectomycorrhizal siderophore of Cenococcum geophilum. BioMetals, 2002, 15, 73-77.	1.8	60
510	Bisucaberin--a dihydroxamate siderophore isolated from Vibrio salmonicida, an important pathogen of farmed Atlantic salmon (Salmo salar). BioMetals, 2002, 15, 153-160.	1.8	53
511	New synthetic catecholate-type siderophores with triamine backbone. BioMetals, 2002, 15, 133-144.	1.8	11
512	Title is missing!. Russian Journal of Genetics, 2002, 38, 1365-1371.	0.2	1
513	Trishydroxamates and triscatecholates based on monosaccharides and myo-inositol as artificial siderophores. BioMetals, 2003, 16, 539-551.	1.8	6
514	Growth promotion of Prunus rootstocks by root treatment with specific bacterial strains. Plant and Soil, 2003, 255, 555-569.	1.8	21
515	Title is missing!. Plant and Soil, 2003, 256, 291-301.	1.8	12
516	Rhizome-associated bacterial communities of healthy and declining reed stands in Lake Velencei, Hungary. Hydrobiologia, 2003, 506-509, 707-713.	1.0	25

#	Article	IF	Citations
518	Virulence factors of the human opportunistic pathogen Serratia marcescens identified by in vivo screening. EMBO Journal, 2003, 22, 1451-1460.	3.5	310
519	Is Fe deficiency rather than P deficiency the cause of cluster root formation in Casuarina species?. Plant and Soil, 2003, 248, 229-235.	1.8	21
520	Fur mutants of Pseudomonas aeruginosa PAO1: phenotypic characterization in terms of iron-dependent pattern of deregulation of pyoverdin synthesis. Biotechnology Letters, 2003, 25, 235-239.	1.1	5
521	Characterization of two antagonistic strains ofRahnella aquatilis isolated from soil in egypt. Folia Microbiologica, 2003, 48, 799-804.	1.1	13
522	Characterization of a New Pseudomonas aeruginosa Strain NJ-15 as a Potential Biocontrol Agent. Current Microbiology, 2003, 46, 324-328.	1.0	198
523	Function of a Low Molecular Weight Peptide from Trichoderma pseudokoningii S38 During Cellulose Biodegradation. Current Microbiology, 2003, 46, 371-379.	1.0	21
524	In vitro reduction of manganese dioxide by a ferrireductase system from the white-rot fungus Phanerochaete sordida YK-624. Journal of Wood Science, 2003, 49, 538-542.	0.9	1
525	Antigen recognition by rainbow trout (Oncorhynchus mykiss) of whole cell proteins expressed by Lactococcus garvieae when obtained directly from fish and under iron limited culture conditions. Veterinary Microbiology, 2003, 93, 63-71.	0.8	14
526	Combat of iron-deprivation through a plant growth promoting fluorescent Pseudomonas strain GRP3A in mung bean (Vigna radiata L. Wilzeck). Microbiological Research, 2003, 158, 77-81.	2.5	71
527	Growth promoting influence of siderophore-producing Pseudomonas strains GRP3A and PRS9 in maize (Zea mays L.) under iron limiting conditions. Microbiological Research, 2003, 158, 243-248.	2.5	234
528	Effects of light reduction on growth of the submerged macrophyte Vallisneria americana and the community of root-associated heterotrophic bacteria. Journal of Experimental Marine Biology and Ecology, 2003, 291, 199-218.	0.7	37
529	Soil Fungal Hyphae Bind and Attack Asbestos Fibers. Angewandte Chemie, 2003, 115, 229-232.	1.6	7
530	Einfluss einer kontinuierlichen ProzessfÃ¼hrung im Membranbioreaktor auf die Ferrichromproduktion von Ustilago maydis. Chemie-Ingenieur-Technik, 2003, 75, 623-628.	0.4	0
531	Soil Fungal Hyphae Bind and Attack Asbestos Fibers. Angewandte Chemie - International Edition, 2003, 42, 219-222.	7.2	45
532	Characterization and field trials of a bioluminescent bacterial reporter of iron bioavailability. Marine Chemistry, 2003, 83, 31-46.	0.9	39
533	Siderophore production by the magnetic bacteriumMagnetospirillum magneticumAMB-1. FEMS Microbiology Letters, 2003, 218, 371-375.	0.7	62
534	Methods for isolating and characterizing ACC deaminase-containing plant growth-promoting rhizobacteria. Physiologia Plantarum, 2003, 118, 10-15.	2.6	1,185
535	Combination of Pseudomonas aeruginosa and Pochonia chlamydosporia for Control of Rootâ€Infecting Fungi in Tomato. Journal of Phytopathology, 2003, 151, 215-222.	0.5	21

#	Article	IF	Citations
536	Use of CAS-agar plate modified to study the effect of different variables on the siderophore production by Aspergillus. Letters in Applied Microbiology, 2003, 36, 177-181.	1.0	109
537	Isolation and characterization of phorate degrading soil bacteria of environmental and agronomic significance. Letters in Applied Microbiology, 2003, 36, 349-353.	1.0	61
538	Mutations insit Bandsit Dgenes affect manganese-growth requirements inSinorhizobium meliloti. FEMS Microbiology Letters, 2003, 218, 65-70.	0.7	33
539	Phenotypic characterization of microbes in the rhizosphere ofalyssum murale. International Journal of Phytoremediation, 2003, 5, 367-379.	1.7	85
540	Function and mechanism of a low-molecular-weight peptide produced by Gloeophyllum trabeum in biodegradation of cellulose. Journal of Biotechnology, 2003, 101, 119-130.	1.9	46
541	Dissection of the EntF Condensation Domain Boundary and Active Site Residues in Nonribosomal Peptide Synthesis. Biochemistry, 2003, 42, 1334-1344.	1.2	58
542	Induced defence in tobacco by Pseudomonas chlororaphis strain O6 involves at least the ethylene pathway. Physiological and Molecular Plant Pathology, 2003, 63, 27-34.	1.3	82
543	Measurement and interpretation of molecular-level forces of interaction between the siderophore azotobactin and mineral surfaces. Geochimica Et Cosmochimica Acta, 2003, 67, 3537-3546.	1.6	28
544	Occurrence of the Yersinia high-pathogenicity island and iron uptake systems in clinical isolates of Klebsiella pneumoniae. Microbial Pathogenesis, 2003, 35, 197-202.	1.3	64
545	Exopolysaccharide synthesis in Rhizobium leguminosarum bv. trifolii isÂrelated to various metabolic pathways. Research in Microbiology, 2003, 154, 433-442.	1.0	19
546	Understanding the involvement of rhizobacteria-mediated induction of systemic resistance in biocontrol of plant diseases. Canadian Journal of Plant Pathology, 2003, 25, 5-9.	0.8	142
547	Role of Metals in Wood Biodegradation. ACS Symposium Series, 2003, , 154-174.	0.5	14
548	Performance of Standard Phenotypic Assays for TonB Activity, as Evaluated by Varying the Level of Functional, Wild-Type TonB. Journal of Bacteriology, 2003, 185, 4699-4706.	1.0	31
549	Irp9, Encoded by the High-Pathogenicity Island of Yersinia enterocolitica , Is Able To Convert Chorismate into Salicylate, the Precursor of the Siderophore Yersiniabactin. Journal of Bacteriology, 2003, 185, 5648-5653.	1.0	55
550	The Yersinia high-pathogenicity island and iron-uptake systems in clinical isolates of Escherichia coli. Journal of Medical Microbiology, 2003, 52, 637-642.	0.7	25
551	Identification and Characterization of Genes Required for Biosynthesis and Transport of the Siderophore Vibrioferrin in Vibrio parahaemolyticus. Journal of Bacteriology, 2003, 185, 6938-6949.	1.0	115
552	Role of Receptor Proteins for Enterobactin and 2,3-Dihydroxybenzoylserine in Virulence of Salmonella enterica. Infection and Immunity, 2003, 71, 6953-6961.	1.0	69
553	Photobactin: a Catechol Siderophore Produced by Photorhabdus luminescens , an Entomopathogen Mutually Associated with Heterorhabditis bacteriophora NC1 Nematodes. Applied and Environmental Microbiology, 2003, 69, 4706-4713.	1.4	68

#	Article	IF	Citations
554	Structure and membrane affinity of a suite of amphiphilic siderophores produced by a marine bacterium. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3754-3759.	3.3	175
555	Escherichia coli Response to Exogenous Pyrophosphate and Analogs. Journal of Molecular Microbiology and Biotechnology, 2003, 5, 37-45.	1.0	2
556	Genetic organization of an Acinetobacter baumannii chromosomal region harbouring genes related to siderophore biosynthesis and transport. Microbiology (United Kingdom), 2003, 149, 1227-1238.	0.7	67
557	Elucidation of the Vibrio anguillarum Genetic Response to the Potential Fish Probiont Pseudomonas fluorescens AH2, Using RNA-Arbitrarily Primed PCR. Journal of Bacteriology, 2003, 185, 831-842.	1.0	32
558	luxS and arcB Control Aerobic Growth of Actinobacillus actinomycetemcomitans under Iron Limitation. Infection and Immunity, 2003, 71, 298-308.	1.0	108
559	Genetic Organization and Iron-Responsive Regulation of the Brucella abortus 2,3-Dihydroxybenzoic Acid Biosynthesis Operon, a Cluster of Genes Required for Wild-Type Virulence in Pregnant Cattle. Infection and Immunity, 2003, 71, 1794-1803.	1.0	51
560	Development and Application of an Assay for Uranyl Complexation by Fungal Metabolites, Including Siderophores. Applied and Environmental Microbiology, 2003, 69, 3600-3606.	1.4	33
561	The Escherichia coli BarA-UvrY Two-Component System Is Needed for Efficient Switching between Glycolytic and Gluconeogenic Carbon Sources. Journal of Bacteriology, 2003, 185, 843-853.	1.0	101
562	Control of Fusarium Wilt of Radish by Combining Pseudomonas putida Strains that have Different Disease-Suppressive Mechanisms. Phytopathology, 2003, 93, 626-632.	1.1	172
563	Detection and Analysis of Iron Uptake Components Expressed by Acinetobacter baumannii Clinical Isolates. Journal of Clinical Microbiology, 2003, 41, 4188-4193.	1.8	48
564	Inactivation of the Moraxella catarrhalis 7169 Ferric Uptake Regulator Increases Susceptibility to the Bactericidal Activity of Normal Human Sera. Infection and Immunity, 2003, 71, 1843-1848.	1.0	48
565	Virulence of luminous vibrios to Artemia franciscana nauplii. Diseases of Aquatic Organisms, 2003, 53, 231-240.	0.5	100
566	Pseudoalterobactin A and B, New Siderophores Excreted by Marine Bacterium Pseudoalteromonas sp. KP20-4. Journal of Antibiotics, 2003, 56, 871-875.	1.0	36
567	GacA, the Response Regulator of a Two-Component System, Acts as a Master Regulator in Pseudomonas syringae pv. tomato DC3000 by Controlling Regulatory RNA, Transcriptional Activators, and Alternate Sigma Factors. Molecular Plant-Microbe Interactions, 2003, 16, 1106-1117.	1.4	157
568	Characterization of Colicinogenic Escherichia coli Strains Inhibitory to Enterohemorrhagic Escherichia coli. Journal of Food Protection, 2004, 67, 486-492.	0.8	32
569	Burkholderia spp. Alter Pseudomonas aeruginosa Physiology through Iron Sequestration. Journal of Bacteriology, 2004, 186, 2376-2384.	1.0	68
570	Identification and Characterization of Two Contiguous Operons Required for Aerobactin Transport and Biosynthesis in Vibrio mimicus. Microbiology and Immunology, 2004, 48, 389-398.	0.7	25
571	Involvement of Enterobactin Synthesis Pathway in Production of Microcin H47. Antimicrobial Agents and Chemotherapy, 2004, 48, 1235-1241.	1.4	35

#	Article	IF	Citations
572	Burkholderia unamae sp. nov., an N2-fixing rhizospheric and endophytic species. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1165-1172.	0.8	196
573	Identification and analysis of a siderophore biosynthetic gene cluster from Agrobacterium tumefaciens C58. Microbiology (United Kingdom), 2004, 150, 3857-3866.	0.7	64
574	Identification of rhtX and fptX, Novel Genes Encoding Proteins That Show Homology and Function in the Utilization of the Siderophores Rhizobactin 1021 by Sinorhizobium meliloti and Pyochelin by Pseudomonas aeruginosa, Respectively. Journal of Bacteriology, 2004, 186, 2996-3005.	1.0	78
575	Ralstonia solanacearum Iron Scavenging by the Siderophore Staphyloferrin B Is Controlled by PhcA, the Global Virulence Regulator. Journal of Bacteriology, 2004, 186, 7896-7904.	1.0	70
576	The Sinorhizobium meliloti fur Gene Regulates, with Dependence on Mn(II), Transcription of the sitABCD Operon, Encoding a Metal-Type Transporter. Journal of Bacteriology, 2004, 186, 3609-3620.	1.0	73
577	PchC Thioesterase Optimizes Nonribosomal Biosynthesis of the Peptide Siderophore Pyochelin in Pseudomonas aeruginosa. Journal of Bacteriology, 2004, 186, 6367-6373.	1.0	37
578	Participation of fad and mbt Genes in Synthesis of Mycobactin in Mycobacterium smegmatis. Journal of Bacteriology, 2004, 186, 374-382.	1.0	33
579	Survey of Ferroxidase Expression and Siderophore Production in Clinical Isolates of Pseudomonas aeruginosa. Journal of Clinical Microbiology, 2004, 42, 2806-2809.	1.8	18
580	Identification and transcriptional organization of a gene cluster involved in biosynthesis and transport of acinetobactin, a siderophore produced by Acinetobacter baumannii ATCC 19606T. Microbiology (United Kingdom), 2004, 150, 2587-2597.	0.7	111
581	Mutational Analysis and Biochemical Characterization of the Burkholderia thailandensis DW503 Quorum-Sensing Network. Journal of Bacteriology, 2004, 186, 4350-4360.	1.0	48
582	Genetic characterization of pcpS, encoding the multifunctional phosphopantetheinyl transferase of Pseudomonas aeruginosa. Microbiology (United Kingdom), 2004, 150, 795-803.	0.7	37
583	Diversity and Antagonistic Potential of Bacteria Associated with Bryophytes from Nutrient-Poor Habitats of the Baltic Sea Coast. Applied and Environmental Microbiology, 2004, 70, 6569-6579.	1.4	123
584	Importance of the Ornibactin and Pyochelin Siderophore Transport Systems in Burkholderia cenocepacia Lung Infections. Infection and Immunity, 2004, 72, 2850-2857.	1.0	82
585	PGPR mediated management of stem blight ofPhyllanthus amarus(Schum and Thonn) caused byCorynespora cassiicola(Berk and Curt) Wei. Archives of Phytopathology and Plant Protection, 2004, 37, 183-199.	0.6	50
586	Role of Siderophore Biosynthesis in Virulence of Staphylococcus aureus : Identification and Characterization of Genes Involved in Production of a Siderophore. Infection and Immunity, 2004, 72, 29-37.	1.0	185
587	Linkage between Catecholate Siderophores and the Multicopper Oxidase CueO in Escherichia coli. Journal of Bacteriology, 2004, 186, 5826-5833.	1.0	116
588	Survival of Aspergillus fumigatus in Serum Involves Removal of Iron from Transferrin: the Role of Siderophores. Infection and Immunity, 2004, 72, 1402-1408.	1.0	106
589	The siderophore-mediated iron acquisition systems of Acinetobacter baumannii ATCC 19606 and Vibrio anguillarum 775 are structurally and functionally related. Microbiology (United Kingdom), 2004, 150, 3657-3667.	0.7	136

#	Article	IF	Citations
591	The Pseudomonas siderophore quinolobactin is synthesized from xanthurenic acid, an intermediate of the kynurenine pathway. Molecular Microbiology, 2004, 52, 371-384.	1.2	98
592	Erwinia chrysanthemi requires a second iron transport route dependent of the siderophore achromobactin for extracellular growth and plant infection. Molecular Microbiology, 2004, 55, 261-275.	1.2	171
593	BIOLOGICAL AVAILABILITY OF IRON TO THE FRESHWATER CYANOBACTERIUM ANABAENA FLOS-AQUAE1. Journal of Phycology, 2004, 40, 879-886.	1.0	32
594	Growth promotion and yield enhancement of peanut (Arachis hypogaea L.) by application of plant growth-promoting rhizobacteria. Microbiological Research, 2004, 159, 371-394.	2.5	593
595	In silico analysis of nonribosomal peptide synthetases of Xanthomonas axonopodis pv. citri: identification of putative siderophore and lipopeptide biosynthetic genes. Microbiological Research, 2004, 159, 425-437.	2.5	27
596	A comparative study of siderophore production by fungi from marine and terrestrial habitats. Journal of Experimental Marine Biology and Ecology, 2004, 311, 1-9.	0.7	84
597	Matrix metalloproteinase-2 inhibition and Zn2+-chelating activities of pyoverdine-type siderophores. Journal of Bioscience and Bioengineering, 2004, 97, 281-283.	1.1	6
598	Catecholates and mixed catecholate hydroxamates as artificial siderophores for mycobacteria. BioMetals, 2004, 17, 53-64.	1.8	13
599	Microbial growth promotion studies of exochelin MN and analogues thereof. BioMetals, 2004, 17, 99-104.	1.8	4
600	Siderophore Production by a Marine <I>Pseudomonas aeruginosa</I> and Its Antagonistic Action Against Phytopathogenic Fungi. Applied Biochemistry and Biotechnology, 2004, 118, 243-252.	1.4	57
601	Siderophore mediated plant growth promotion at low temperature by mutant of fluorescent pseudomonad. Plant Growth Regulation, 2004, 42, 239-244.	1.8	71
602	PHYSICAL AND BIOCHEMICAL INTERACTIONS OF SOIL FUNGI WITH ASBESTOS FIBERS. Environmental Toxicology and Chemistry, 2004, 23, 938.	2.2	28
603	Ferrichrome in Schizosaccharomyces pombe ? an iron transport and iron storage compound. BioMetals, 2004, 17, 647-654.	1.8	65
604	Diversity and effectiveness of rhizobial strains from Gliricidia sepium native to Reunion Island, Kenya and New Caledonia. World Journal of Microbiology and Biotechnology, 2004, 20, 703-709.	1.7	10
605	Temperature Control of a 3,4-Dihydroxybenzoate (Protocatechuate)-Based Siderophore in Bacillus anthracis. Current Microbiology, 2004, 49, 89-94.	1.0	75
606	Siderophore Activity Among Members of the Legionella Genus. Current Microbiology, 2004, 49, 203-7.	1.0	19
607	Cloning, identification and expression of an entE homologue angE from Vibrio anguillarum serotype O1. Archives of Microbiology, 2004, 181, 287-293.	1.0	14
608	Inhibition of matrix metalloproteinase-2 activity by siderophores of Pseudomonas species. Applied Microbiology and Biotechnology, 2004, 64, 840-847.	1.7	8

#	Article	IF	Citations
609	Siderophores from marine microorganisms and their applications. Journal of Ocean University of China, 2004, 3, 40-47.	0.6	19
610	Yersiniabactin and other siderophores produced by clinical isolates ofEnterobacterspp. andCitrobacterspp.. FEMS Immunology and Medical Microbiology, 2004, 40, 51-55.	2.7	44
611	Characterization of a novel carbofuran degradingPseudomonassp. with collateral biocontrol and plant growth promoting potential. FEMS Microbiology Letters, 2004, 231, 13-17.	0.7	76
612	Bacillus anthracis requires siderophore biosynthesis for growth in macrophages and mouse virulence. Molecular Microbiology, 2004, 51, 407-417.	1.2	210
613	Physiological and molecular genetic evaluation of the dechlorination agent, pyridine-2,6-bis(monothiocarboxylic acid) (PDTC) as a secondary siderophore of Pseudomonas. Environmental Microbiology, 2004, 6, 159-169.	1.8	37
614	Strategy to select and assess antagonistic bacteria for biological control ofRhizoctonia solaniKÃ¼hn. Canadian Journal of Microbiology, 2004, 50, 811-820.	0.8	59
615	Only iron-limited cells of the cyanobacteriumAnabaena flos-aquaeinhibit growth of the green algaChlamydomonas reinhardtii. Canadian Journal of Botany, 2004, 82, 436-442.	1.2	17
616	Petrobactin Sulfonate, a New Siderophore Produced by the Marine BacteriumMarinobacterhydrocarbonoclasticus. Journal of Natural Products, 2004, 67, 1897-1899.	1.5	66
617	Evaluation of Pseudomonas sp. PM 11 and Vibrio fluvialis PM 17 on immune indices of tiger shrimp, Penaeus monodon. Fish and Shellfish Immunology, 2004, 17, 115-115.	1.6	1
618	Burkholderia tropica sp. nov., a novel nitrogen-fixing, plant-associated bacterium. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 2155-2162.	0.8	273
619	Endophytic bacterial communities of field-grown potato plants and their plant-growth-promoting and antagonistic abilities. Canadian Journal of Microbiology, 2004, 50, 239-249.	0.8	323
620	Siderophores of the Pseudomonadaceae sensu stricto(Fluorescent and Non-Fluorescent) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5		92
621	Hydroxamate-Based Iron Chelators:Â Combinatorial Syntheses of Desferrioxamine B Analogues and Evaluation of Binding Affinities. ACS Combinatorial Science, 2004, 6, 239-254.	3.3	34
622	Evidence for a copper-dependent iron transport system in the marine, magnetotactic bacterium strain MV-1. Microbiology (United Kingdom), 2004, 150, 2931-2945.	0.7	81
623	Evaluation of Pseudomonas sp. PM 11 and Vibrio fluvialis PM 17 on immune indices of tiger shrimp, Penaeus monodon. Fish and Shellfish Immunology, 2004, 17, 115-120.	1.6	55
624	Formation of Fe(III)-minerals by Fe(II)-oxidizing photoautotrophic bacteria 1 1Associate editor: L. G. Benning. Geochimica Et Cosmochimica Acta, 2004, 68, 1217-1226.	1.6	276
625	Fe isotopic fractionation during mineral dissolution with and without bacteria. Geochimica Et Cosmochimica Acta, 2004, 68, 3189-3204.	1.6	230
626	Microbial leaching of uranium and other trace elements from shale mine tailings at Ranstad. Geoderma, 2004, 122, 177-194.	2.3	78

#	Article	IF	Citations
627	Suppression of Verticillium wilt in olive planting stocks by root-associated fluorescent Pseudomonas spp.. Biological Control, 2004, 30, 474-486.	1.4	165
628	Siderophore production of a periplasmic transport binding protein kinase gene defective mutant of Magnetospirillum magneticum AMB-1. Biochemical and Biophysical Research Communications, 2004, 323, 852-857.	1.0	22
629	Secretion of iron-complexing ligands from Closterium aciculare (Charophyceae, Chlorophyta) under iron-deficient conditions. Phycologia, 2004, 43, 632-634.	0.6	6
630	Effects of organic iron complexes on the growth of red tide causative phytoplankton. , 0, , .		2
631	Detection of Iron(III)-Binding Ligands Originating from Marine Phytoplankton Using Cathodic Stripping Voltammetry. Analytical Sciences, 2004, 20, 89-93.	0.8	16
632	Structure of synechobactins, new siderophores of the marine cyanobacterium Synechococcus sp. PCC 7002. Limnology and Oceanography, 2005, 50, 1918-1923.	1.6	124
633	Alkaline cyanide biodegradation by Pseudomonas pseudoalcaligenes CECT5344. Biochemical Society Transactions, 2005, 33, 168-169.	1.6	47
634	Growth Deficiency of a Xanthomonas oryzae pv. oryzae fur Mutant in Rice Leaves Is Rescued by Ascorbic Acid Supplementation. Molecular Plant-Microbe Interactions, 2005, 18, 644-651.	1.4	50
635	Production of Catechol-Siderophore and Utilization of Transferrin-Bound Iron in Bacillus cereus. Biological and Pharmaceutical Bulletin, 2005, 28, 1132-1135.	0.6	25
636	A spectrophotometric method to determine the siderophore production by strains of fluorescent Pseudomonas in the presence of copper and iron. Microchemical Journal, 2005, 81, 35-40.	2.3	16
637	Effects of the humic substances of de-inking paper sludge on the antagonism between two compost bacteria and Pythium ultimum. FEMS Microbiology Ecology, 2005, 52, 219-227.	1.3	33
638	The expression of selected non-ribosomal peptide synthetases inAspergillus fumigatusis controlled by the availability of free iron. FEMS Microbiology Letters, 2005, 248, 83-91.	0.7	46
639	Genome-wide expression analysis of iron regulation inBurkholderia pseudomalleiandBurkholderia malleiusing DNA microarrays. FEMS Microbiology Letters, 2005, 252, 327-335.	0.7	51
640	Influence of growth conditions onPseudomonas fluorescensstrains: A link between metabolite production and the PLFA profile. FEMS Microbiology Letters, 2005, 251, 211-218.	0.7	16
641	TheexbDgene ofPhotorhabdus temperatais required for full virulence in insects and symbiosis with the nematodeHeterorhabditis. Molecular Microbiology, 2005, 56, 763-773.	1.2	50
642	Analysis of Xenorhabdusâ€ƒnematophila metabolic mutants yields insight into stages of Steinernemaâ€ƒcarpocapsae nematode intestinal colonization. Molecular Microbiology, 2005, 58, 28-45.	1.2	37
643	Characterization of antifungal metabolite produced by a new strain Pseudomonas aeruginosa PUPa3 that exhibits broad-spectrum antifungal activity and biofertilizing traits. Journal of Applied Microbiology, 2005, 98, 145-154.	1.4	186
644	Iron acquisition mechanisms ofFlavobacterium psychrophilum. Journal of Fish Diseases, 2005, 28, 391-398.	0.9	32

#	Article	IF	Citations
645	Virulence factors and pathogenicity ofHafnia alveifor gilthead seabream,Sparus aurataL.. Journal of Fish Diseases, 2005, 28, 411-417.	0.9	14
646	Iron limitation induces SpoT-dependent accumulation of ppGpp in Escherichia coli. Molecular Microbiology, 2005, 56, 958-970.	1.2	195
647	Hypermutability Impedes Cooperation in Pathogenic Bacteria. Current Biology, 2005, 15, 1968-1971.	1.8	58
648	Cadmium-tolerant plant growth-promoting bacteria associated with the roots of Indian mustard (Brassica juncea L. Czern.). Soil Biology and Biochemistry, 2005, 37, 241-250.	4.2	720
649	Growth and siderophore production of Xylella fastidiosa under iron-limited conditions. Microbiological Research, 2005, 160, 429-436.	2.5	37
650	Antimicrobial activity ofStreptomyces species against mushroom blotch disease pathogen. Journal of Basic Microbiology, 2005, 45, 64-71.	1.8	18
651	Characterization and screening of bacteria from rhizosphere of maize grown in Indonesian and Pakistani soils. Journal of Basic Microbiology, 2005, 45, 447-459.	1.8	18
652	Novel Insights into Siderophore Formation in Myxobacteria. ChemBioChem, 2005, 6, 365-374.	1.3	32
653	Isolation and Functional Characterization of Siderophore-Producing Lead- and Cadmium-Resistant Pseudomonas putida KNP9. Current Microbiology, 2005, 50, 233-237.	1.0	167
654	Rhizosphere Competent Pseudomonas aeruginosa GRC1 Produces Characteristic Siderophore and Enhances Growth of Indian Mustard (Brassica campestris). Current Microbiology, 2005, 51, 303-309.	1.0	55
655	Characterization of a Novel Cr6+ Reducing Pseudomonas sp. with Plant Growthâ€“Promoting Potential. Current Microbiology, 2005, 50, 266-271.	1.0	92
656	Gene cloning, expression and functional characterization of a phosphopantetheinyl transferase from Vibrio anguillarum serotype O1. Archives of Microbiology, 2005, 183, 37-44.	1.0	19
657	Behaviour of Bacterial Populations Isolated from Rhizosphere of Diplachne fusca Dominant in Industrial Sites. World Journal of Microbiology and Biotechnology, 2005, 21, 1095-1101.	1.7	43
658	Petrobactin is the Primary Siderophore Synthesized by Bacillus anthracis Str. Sterne under Conditions of Iron Starvation. BioMetals, 2005, 18, 577-585.	1.8	91
659	Secretion activity of white lupinâ€™s cluster roots influences bacterial abundance, function and community structure. Plant and Soil, 2005, 268, 181-194.	1.8	60
660	Rapid identification of siderophores by combined thin-layer chromatography/matrix-assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 711-720.	0.7	28
661	Effect of iron and growth inhibitors on siderophores production by Pseudomonas fluorescens. African Journal of Biotechnology, 2005, 4, 697-702.	0.3	61
662	The Uptake and Accumulation of Iron by the Intestinal Bacterium Desulfotomaculum acetoxidans DSM 771. Folia Biologica, 2005, 53, 79-81.	0.1	6

#	Article	IF	Citations
663	Novel Role of the Lipopolysaccharide O1 Side Chain in Ferric Siderophore Transport and Virulence of Vibrio anguillarum. Infection and Immunity, 2005, 73, 5864-5872.	1.0	26
664	Genotypic and phenotypic characteristics of Pseudomonas aeruginosa isolates associated with ulcerative keratitis. Journal of Medical Microbiology, 2005, 54, 519-526.	0.7	57
665	Characterization of the cciIR Quorum-Sensing System in Burkholderia cenocepacia. Infection and Immunity, 2005, 73, 4982-4992.	1.0	86
666	Involvement of Bacterial Quorum-Sensing Signals in Spoilage of Bean Sprouts. Applied and Environmental Microbiology, 2005, 71, 3321-3330.	1.4	98
667	Polyphosphate Kinase 1 and the Ocular Virulence ofPseudomonas aeruginosa. , 2005, 46, 248.		20
668	Iron Uptake Mechanisms in the Fish Pathogen Tenacibaculum maritimum. Applied and Environmental Microbiology, 2005, 71, 6947-6953.	1.4	34
669	Isolation of Vibrio alginolyticus and Vibrio splendidus from Aquacultured Carpet Shell Clam () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Microbiology, 2005, 71, 98-104.	1.4	244
670	TolC Is Involved in Enterobactin Efflux across the Outer Membrane of Escherichia coli. Journal of Bacteriology, 2005, 187, 6701-6707.	1.0	140
671	Desferrioxamine E produced by Streptomyces griseus stimulates growth and development of Streptomyces tanashiensis. Microbiology (United Kingdom), 2005, 151, 2899-2905.	0.7	151
672	Bordetella AlcS Transporter Functions in Alcaligin Siderophore Export and Is Central to Inducer Sensing in Positive Regulation of Alcaligin System Gene Expression. Journal of Bacteriology, 2005, 187, 3650-3661.	1.0	44
673	Analysis of a DtxR-Regulated Iron Transport and Siderophore Biosynthesis Gene Cluster in Corynebacterium diphtheriae. Journal of Bacteriology, 2005, 187, 422-433.	1.0	56
674	Plasmid- and Chromosome-Encoded Redundant and Specific Functions Are Involved in Biosynthesis of the Siderophore Anguibactin in Vibrio anguillarum 775: a Case of Chance and Necessity?. Journal of Bacteriology, 2005, 187, 2209-2214.	1.0	41
675	Global Analysis of Cellular Factors and Responses Involved in Pseudomonas aeruginosa Resistance to Arsenite. Journal of Bacteriology, 2005, 187, 4853-4864.	1.0	67
676	Distribution and Diversity of Natural Product Genes in Marine and Freshwater Cyanobacterial Cultures and Genomes. Applied and Environmental Microbiology, 2005, 71, 7401-7413.	1.4	125
677	Role of the Regulatory Gene rirA in the Transcriptional Response of Sinorhizobium meliloti to Iron Limitation. Applied and Environmental Microbiology, 2005, 71, 5969-5982.	1.4	82
678	Biological control of collar rot disease with broad-spectrum antifungal bacteria associated with groundnut. Canadian Journal of Microbiology, 2005, 51, 123-132.	0.8	51
679	Diverse Mn(II)-Oxidizing Bacteria Isolated from Submarine Basalts at Loihi Seamount. Geomicrobiology Journal, 2005, 22, 127-139.	1.0	195
680	Cesium Desorption from Illite as Affected by Exudates from Rhizosphere Bacteria. Environmental Science & Technology, 2005, 39, 4505-4512.	4.6	37

#	Article	IF	Citations
681	Bacterial Degradation of Cyanide and Its Metal Complexes under Alkaline Conditions. Applied and Environmental Microbiology, 2005, 71, 940-947.	1.4	121
682	The Metal Permease ZupT from Escherichia coli Is a Transporter with a Broad Substrate Spectrum. Journal of Bacteriology, 2005, 187, 1604-1611.	1.0	196
683	Production of a molybdophore during metal-targeted dissolution of silicates by soil bacteria. Chemical Geology, 2005, 220, 285-302.	1.4	83
684	Siderophore accumulation and phytopathogenicity in Microbotryum violaceum. Fungal Genetics and Biology, 2005, 42, 579-589.	0.9	22
685	A GacS deficiency does not affectPseudomonas chlororaphisPA23 fitness when growing on canola, in aged batch culture or as a biofilm. Canadian Journal of Microbiology, 2006, 52, 1177-1188.	0.8	50
686	Role of ptsP, orfT, and sss Recombinase Genes in Root Colonization by Pseudomonas fluorescens Q8r1-96. Applied and Environmental Microbiology, 2006, 72, 7111-7122.	1.4	44
687	A SitABCD homologue from an avian pathogenic Escherichia coli strain mediates transport of iron and manganese and resistance to hydrogen peroxide. Microbiology (United Kingdom), 2006, 152, 745-758.	0.7	135
689	Identification of Burkholderia pseudomallei Genes Required for the Intracellular Life Cycle and In Vivo Virulence. Infection and Immunity, 2006, 74, 3576-3586.	1.0	185
690	Differences between two green algae in biological availability of iron bound to strong chelators. Canadian Journal of Botany, 2006, 84, 400-411.	1.2	20
691	The Ornibactin Biosynthesis and Transport Genes of Burkholderia cenocepacia Are Regulated by an Extracytoplasmic Function Ïƒ Factor Which Is a Part of the Fur Regulon. Journal of Bacteriology, 2006, 188, 3631-3644.	1.0	84
692	Chemical characterization and quantification of siderophores produced by marine and terrestrial aspergilli. Canadian Journal of Microbiology, 2006, 52, 603-607.	0.8	23
693	Photoreactivity of Iron(III)â^'Aerobactin:Â Photoproduct Structure and Iron(III) Coordination. Inorganic Chemistry, 2006, 45, 6028-6033.	1.9	91
694	Antitubercular Nucleosides That Inhibit Siderophore Biosynthesis:Â SAR of the Glycosyl Domain. Journal of Medicinal Chemistry, 2006, 49, 7623-7635.	2.9	78
695	Solidâ€“Aqueous Phase Partitioning of Radionuclides by Complexing Compounds Excreted by Subsurface Bacteria. Geomicrobiology Journal, 2006, 23, 621-630.	1.0	15
696	Plant growth-promoting rhizobacteria as transplant amendments and their effects on indigenous rhizosphere microorganisms. Applied Soil Ecology, 2006, 31, 91-100.	2.1	111
697	Differential cross-utilization of heterologous siderophores by nodule bacteria of Cajanus cajan and its possible role in growth under iron-limited conditions. Applied Soil Ecology, 2006, 34, 19-26.	2.1	44
698	A brackishwater isolate of Pseudomonas PS-102, a potential antagonistic bacterium against pathogenic vibrios in penaeid and non-penaeid rearing systems. Aquaculture, 2006, 251, 192-200.	1.7	110
699	Influence of plant growth promoting bacteria and Cr6+ on the growth of Indian mustard. Chemosphere, 2006, 62, 741-748.	4.2	234

#	Article	IF	Citations
700	Siderophores of Bacillus anthracis, Bacillus cereus, and Bacillus thuringiensis. Biochemical and Biophysical Research Communications, 2006, 348, 320-325.	1.0	164
701	High-resolution analysis of catechol-type siderophores using polyamide thin layer chromatography. Journal of Microbiological Methods, 2006, 67, 390-393.	0.7	7
702	Functional characterization of a novel hydrocarbonoclastic Pseudomonas sp. strain PUP6 with plant-growth-promoting traits and antifungal potential. Research in Microbiology, 2006, 157, 538-546.	1.0	40
703	The SlyB outer membrane lipoprotein of Burkholderia multivorans contributes to membrane integrity. Research in Microbiology, 2006, 157, 582-592.	1.0	38
704	Effects of the substances secreted from Closterium aciculare (Charophyceae, Chlorophyta) on the growth of freshwater phytoplankton under iron-deficient conditions. Plankton and Benthos Research, 2006, 1, 191-199.	0.2	3
705	Do Exudates Affect Cadmium Speciation and Bioavailability to the Rhizobacterium Sinorhizobium meliloti?. Environmental Chemistry, 2006, 3, 424.	0.7	8
706	Two Novel MvaT-Like Global Regulators Control Exoproduct Formation and Biocontrol Activity in Root-Associated Pseudomonas fluorescens CHA0. Molecular Plant-Microbe Interactions, 2006, 19, 313-329.	1.4	44
707	Influence of Iron on Cylindrocarpon Root Rot Development on Ginseng. Phytopathology, 2006, 96, 1179-1187.	1.1	25
708	Pseudomonas aeruginosa Alkaline Protease Can Facilitate Siderophore-Mediated Iron-Uptake via the Proteolytic Cleavage of Transferrins. Biological and Pharmaceutical Bulletin, 2006, 29, 2295-2300.	0.6	22
709	Proteases of a Bacillus subtilis Clinical Isolate Facilitate Swarming and Siderophore-Mediated Iron Uptake via Proteolytic Cleavage of Transferrin. Biological and Pharmaceutical Bulletin, 2006, 29, 850-853.	0.6	10
710	Optimization of operating conditions for ferrichrome production in a membrane bioreactor using Ustilago maydis. Computer Aided Chemical Engineering, 2006, , 309-314.	0.3	1
712	Survival characteristics of Salmonella enterica serovar Enteritidis in chicken egg albumen. Epidemiology and Infection, 2006, 134, 967-976.	1.0	55
713	Metabolism of Cyanate and Cyanide in the Alkalophilic BacteriumPseudomonas pseudoalcaligenes CECT5344. , 0, , 521-525.		0
714	Identification of erythrobactin, a hydroxamate-type siderophore produced by Saccharopolyspora erythraea. Letters in Applied Microbiology, 2006, 42, 375-380.	1.0	24
715	Phenotypic and molecular typing ofVibrio harveyiisolates and their pathogenicity to tiger shrimp larvae. Letters in Applied Microbiology, 2006, 43, 566-570.	1.0	29
716	Cyanide utilization in Pseudomonas fluorescens NCIMB 11764 involves a putative siderophore. FEMS Microbiology Letters, 2006, 156, 61-67.	0.7	3
717	Iron depletion affects nitrogenase activity and expression ofnifHandnifAgenes inHerbaspirillum seropedicae. FEMS Microbiology Letters, 2006, 258, 214-219.	0.7	16
718	Isolation and characterization of a novel banana rhizosphere bacterium as fungal antagonist and microbial adjuvant in micropropagation of banana. Journal of Applied Microbiology, 2006, 100, 926-937.	1.4	89

#	Article	IF	Citations
719	Enumeration, isolation and identification of diazotrophs from Korean wetland rice varieties grown with long-term application of N and compost and their short-term inoculation effect on rice plants. Journal of Applied Microbiology, 2006, 102, 061120055200050-???.	1.4	50
720	Ferri-bacillibactin uptake and hydrolysis in Bacillus subtilis. Molecular Microbiology, 2006, 61, 1413-1427.	1.2	160
721	Multiple determinants influence root colonization and induction of induced systemic resistance by Pseudomonas chlororaphis O6. Molecular Plant Pathology, 2006, 7, 463-472.	2.0	39
722	Mechanisms of microbially enhanced Fe acquisition in red clover (Trifolium pratense L.). Plant, Cell and Environment, 2006, 29, 888-897.	2.8	108
723	Isolation and characterization of autoagglutination factor of Yersinia pestis Hmsâ˚ cells. Biochemistry (Moscow), 2006, 71, 1192-1199.	0.7	5
724	Purification of siderophores of Alcaligenes faecalis on Amberlite XAD. Bioresource Technology, 2006, 97, 1026-1029.	4.8	36
725	Functional Genetic Analysis Reveals a 2-Alkyl-4-Quinolone Signaling System in the Human Pathogen Burkholderia pseudomallei and Related Bacteria. Chemistry and Biology, 2006, 13, 701-710.	6.2	169
726	Evaluation of different carbon sources for production of iron-reducing compounds by Wolfiporia cocos and Perenniporia medulla-panis. Process Biochemistry, 2006, 41, 887-891.	1.8	20
727	Structural characterization of vanchrobactin, a new catechol siderophore produced by the fish pathogen Vibrio anguillarum serotype O2. Tetrahedron Letters, 2006, 47, 7113-7116.	0.7	60
728	Plant growth promoting potential of free-living diazotrophs and other rhizobacteria isolated from Northern Indian soil. Biotechnology Journal, 2006, 1, 1112-1123.	1.8	34
729	Characterization of Erwinia amylovora Strains from Croatia. European Journal of Plant Pathology, 2006, 114, 435-440.	0.8	14
730	Changes in Extractability of Cr and Pb in a Polycontaminated Soil After Bioaugmentation With Microbial Producers of Biosurfactants, Organic Acids and Siderophores. Water, Air and Soil Pollution, 2006, 6, 261-279.	0.8	111
731	Iron enhances the susceptibility of pathogenic mycobacteria to isoniazid, an antitubercular drug. World Journal of Microbiology and Biotechnology, 2006, 22, 1357-1364.	1.7	11
732	Interactions between iron availability, aluminium toxicity and fungal siderophores. BioMetals, 2006, 19, 367-377.	1.8	17
733	Basidiochrome â€“ A Novel Siderophore of the Orchidaceous Mycorrhizal Fungi Ceratobasidium and Rhizoctonia spp.. BioMetals, 2006, 19, 335-343.	1.8	35
734	Characterization of â€˜Schizokinenâ€™; a dihydroxamate-type siderophore produced by Rhizobium leguminosarum IARI 917. BioMetals, 2006, 19, 637-649.	1.8	48
735	Quorum-sensing system influences root colonization and biological control ability in Pseudomonas fluorescens 2P24. Antonie Van Leeuwenhoek, 2006, 89, 267-280.	0.7	146
736	Chitinase-mediated destructive antagonistic potential of Pseudomonas aeruginosa GRC1 against Sclerotinia sclerotiorum causing stem rot of peanut. BioControl, 2006, 51, 821-835.	0.9	58

#	Article	IF	Citations
737	Structure and membrane affinity of new amphiphilic siderophores produced by Ochrobactrum sp. SP18. Journal of Biological Inorganic Chemistry, 2006, 11, 633-641.	1.1	74
738	Siderophore-mediated iron transport in Bacillus subtilis and Corynebacterium glutamicum. Journal of Biological Inorganic Chemistry, 2006, 11, 1087-1097.	1.1	46
739	Isolation of Marine Bacteria by In Situ Culture on Media-Supplemented Polyurethane Foam. Marine Biotechnology, 2006, 8, 227-237.	1.1	30
740	Remediation of Kraft E1 and black liquor effluents by biological and chemical processes. Environmental Chemistry Letters, 2006, 4, 87-91.	8.3	12
741	Analysis of the gacS-gacA regulatory genes of spontaneous mutants of Pseudomonas fluorescens biocontrol strain PfG32R. Journal of General Plant Pathology, 2006, 72, 159-167.	0.6	6
742	Purification and Properties of a Novel Insecticidal Protein from the Locust Pathogen Serratia marcescens HR-3. Current Microbiology, 2006, 52, 45-49.	1.0	33
743	Siderophore Cross-Utilization Amongst Rhizospheric Bacteria and the Role of Their Differential Affinities for Fe3+ on Growth Stimulation Under Iron-Limited Conditions. Current Microbiology, 2006, 53, 141-147.	1.0	59
744	Iron nutrition and physiological responses to iron stress in Nitrosomonas europaea. Archives of Microbiology, 2006, 186, 107-118.	1.0	39
745	Purification and characteristics of a low-molecular-weight peptide possessing oxidative capacity for phenol from Phanerochaete chrysosporium. Science in China Series C: Life Sciences, 2006, 49, 243-250.	1.3	4
746	Differential methods of inoculation of plant growth-promoting rhizobacteria induce synthesis of phenylalanine ammonia-lyase and phenolic compounds differentially in chickpca. Folia Microbiologica, 2006, 51, 463-468.	1.1	35
747	Candida albicans can utilize siderophore during candidastasis caused by apotransferrin. Archives of Pharmacal Research, 2006, 29, 249-255.	2.7	11
748	Phenotypic structure of Pseudomonas populations is altered under elevated pCO2 in the rhizosphere of perennial grasses. Soil Biology and Biochemistry, 2006, 38, 1193-1201.	4.2	30
749	Diversity and antagonistic potential of Pseudomonas spp. associated to the rhizosphere of maize grown in a subtropical organic farm. Soil Biology and Biochemistry, 2006, 38, 2434-2447.	4.2	64
750	A detailed phenotypic and genotypic description of Pseudomonas strain OX1. Systematic and Applied Microbiology, 2006, 29, 422-430.	1.2	24
751	Catechol siderophore excretion by magnetotactic bacterium Magnetospirillum magneticum AMB-1. Journal of Bioscience and Bioengineering, 2006, 101, 445-447.	1.1	27
752	Knock-out of SO1377 gene, which encodes the member of a conserved hypothetical bacterial protein family COG2268, results in alteration of iron metabolism, increased spontaneous mutation and hydrogen peroxide sensitivity in Shewanella oneidensis MR-1. BMC Genomics, 2006, 7, 76.	1.2	51
753	Effect of iron on the expression of sirR and sitABC in biofilm-associated Staphylococcus epidermidis. BMC Microbiology, 2006, 6, 103.	1.3	20
754	Siderophore production by using free and immobilized cells of two pseudomonads cultivated in a medium enriched with Fe and/or toxic metals (Cr, Hg, Pb). Biotechnology and Bioengineering, 2006, 94, 1080-1088.	1.7	27

#	Article	IF	Citations
755	Capillary electrophoresis-mass spectrometry of citrus endophytic bacteria siderophores. Electrophoresis, 2006, 27, 2567-2574.	1.3	17
756	Plant growth promotion and induction of resistance inCamellia sinensis byBacillus megaterium. Journal of Basic Microbiology, 2006, 46, 186-195.	1.8	172
757	Role of Histone-Like Proteins H-NS and StpA in Expression of Virulence Determinants of Uropathogenic Escherichia coli. Journal of Bacteriology, 2006, 188, 5428-5438.	1.0	96
758	Life on Earth. Extremophiles Continue to Move the Goal Posts. Environmental Chemistry, 2006, 3, 77.	0.7	41
759	Characterization of the Siderophore of Francisella tularensis and Role of fslA in Siderophore Production. Journal of Bacteriology, 2006, 188, 3785-3795.	1.0	83
760	Identification of Francisella tularensis Genes Affected by Iron Limitation. Infection and Immunity, 2006, 74, 4224-4236.	1.0	102
761	Irr regulates brucebactin and 2,3-dihydroxybenzoic acid biosynthesis, and is implicated in the oxidative stress resistance and intracellular survival of Brucella abortus. Microbiology (United Kingdom), 2006, 152, 2591-2598.	0.7	34
762	Unravelling the role of the ToxR-like transcriptional regulator WmpR in the marine antifouling bacterium Pseudoalteromonas tunicata. Microbiology (United Kingdom), 2006, 152, 1385-1394.	0.7	27
763	A Homologue of the 3-Oxoacyl-(Acyl Carrier Protein) Synthase III Gene Located in the Glycosylation Island of Pseudomonas syringae pv. tabaci Regulates Virulence Factors via N -Acyl Homoserine Lactone and Fatty Acid Synthesis. Journal of Bacteriology, 2006, 188, 8376-8384.	1.0	60
764	Genetic and Transcriptional Analysis of the Siderophore Malleobactin Biosynthesis and Transport Genes in the Human Pathogen Burkholderia pseudomallei K96243. Journal of Bacteriology, 2006, 188, 1551-1566.	1.0	66
765	Cellular Response of Shewanella oneidensis to Strontium Stress. Applied and Environmental Microbiology, 2006, 72, 890-900.	1.4	44
766	Yersiniabactin Production by Pseudomonas syringae and Escherichia coli, and Description of a Second Yersiniabactin Locus Evolutionary Group. Applied and Environmental Microbiology, 2006, 72, 3814-3825.	1.4	56
767	Identification and Characterization of a Major Cell Wall-Associated Iron-Regulated Envelope Protein (Irep-28) in Mycobacterium tuberculosis. Vaccine Journal, 2006, 13, 1137-1142.	3.2	28
768	A siderophore biosynthesis gene cluster from the fish pathogen Photobacterium damselae subsp. piscicida is structurally and functionally related to the Yersinia high-pathogenicity island. Microbiology (United Kingdom), 2006, 152, 3327-3341.	0.7	46
769	Microbial Mobilization of Uranium from Shale Mine Waste. Geomicrobiology Journal, 2006, 23, 157-164.	1.0	28
770	lbtA and lbtB Are Required for Production of the Legionella pneumophila Siderophore Legiobactin. Journal of Bacteriology, 2006, 188, 1351-1363.	1.0	63
771	A gene cluster involved in the biosynthesis of vanchrobactin, a chromosome-encoded siderophore produced by Vibrio anguillarum. Microbiology (United Kingdom), 2006, 152, 3517-3528.	0.7	45
772	The role of dsbA in colonization of the wheat rhizosphere by Pseudomonas fluorescens Q8r1-96. Microbiology (United Kingdom), 2006, 152, 863-872.	0.7	27

#	Article	IF	Citations
773	The Erwinia chrysanthemi 3937 PhoQ Sensor Kinase Regulates Several Virulence Determinants. Journal of Bacteriology, 2006, 188, 3088-3098.	1.0	48
774	A 55 kDa hypothetical membrane protein is an iron-regulated virulence factor of Francisella tularensis subsp. novicida U112. Journal of Medical Microbiology, 2007, 56, 1268-1276.	0.7	23
775	The Hotdog Thioesterase EntH (YbdB) Plays a Role In Vivo in Optimal Enterobactin Biosynthesis by Interacting with the ArCP Domain of EntB. Journal of Bacteriology, 2007, 189, 7112-7126.	1.0	33
776	The Tomato Rhizosphere, an Environment Rich in Nitrogen-Fixing Burkholderia Species with Capabilities of Interest for Agriculture and Bioremediation. Applied and Environmental Microbiology, 2007, 73, 5308-5319.	1.4	211
777	Expression of the bviIR and cepIR Quorum-Sensing Systems of Burkholderia vietnamiensis. Journal of Bacteriology, 2007, 189, 3006-3016.	1.0	22
778	Ecophysiology of Magnetotactic Bacteria. , 2006, , 37-75.		47
779	Stageâ€Specific Adaptation of HypermutablePseudomonas aeruginosaIsolates during Chronic Pulmonary Infection in Patients with Cystic Fibrosis. Journal of Infectious Diseases, 2007, 195, 70-80.	1.9	119
780	Agrobacterium tumefaciens fur Has Important Physiological Roles in Iron and Manganese Homeostasis, the Oxidative Stress Response, and Full Virulence. Applied and Environmental Microbiology, 2007, 73, 4760-4768.	1.4	54
781	Siderophore Production by Pseudomonas stutzeri under Aerobic and Anaerobic Conditions. Applied and Environmental Microbiology, 2007, 73, 5857-5864.	1.4	58
782	High relatedness selects against hypermutability in bacterial metapopulations. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1341-1347.	1.2	19
783	Comparative genomic hybridization and physiological characterization of environmental isolates indicate that significant (eco-)physiological properties are highly conserved in the species Escherichia coli. Microbiology (United Kingdom), 2007, 153, 2052-2066.	0.7	27
784	Pseudomonas Siderophores and their Biological Significance. , 2007, , 193-203.		18
785	Characterization of the <i>Vibrio alginolyticus</i><i>fur</i> Gene and Localization of Essential Amino Acid Sites in Fur by Site-Directed Mutagenesis. Journal of Molecular Microbiology and Biotechnology, 2007, 13, 15-21.	1.0	11
786	RelA-Dependent (p)ppGpp Production Controls Exoenzyme Synthesis inErwinia carotovorasubsp.atroseptica. Journal of Bacteriology, 2007, 189, 7643-7652.	1.0	19
787	Burkholderia bryophila sp. nov. and Burkholderia megapolitana sp. nov., moss-associated species with antifungal and plant-growth-promoting properties. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2228-2235.	0.8	87
788	Biological Control of Grape Crown Gall byRahnella aquatilisHX2. Plant Disease, 2007, 91, 957-963.	0.7	70
789	Tenacibactins Aâ^'D, Hydroxamate Siderophores from a Marine-Derived Bacterium,Tenacibaculumsp. A4K-17. Journal of Natural Products, 2007, 70, 563-566.	1.5	19
790	Selection for biocontrol bacteria antagonistic toward Rosellinia necatrix by enrichment of competitive avocado root tip colonizers. Research in Microbiology, 2007, 158, 463-470.	1.0	33

#	Article	IF	Citations
791	MgAtr7, a new type of ABC transporter from Mycosphaerella graminicola involved in iron homeostasis. Fungal Genetics and Biology, 2007, 44, 853-863.	0.9	10
792	Etch pit formation on iron silicate surfaces during siderophore-promoted dissolution. Chemical Geology, 2007, 240, 326-342.	1.4	98
793	O-CAS, a fast and universal method for siderophore detection. Journal of Microbiological Methods, 2007, 70, 127-131.	0.7	295
794	The plasticity of global proteome and genome expression analyzed in closely related W3110 and MG1655 strains of a well-studied model organism, Escherichia coli-K12. Journal of Biotechnology, 2007, 128, 747-761.	1.9	29
795	Synthesis and studies of catechol-containing mycobactin S and T analogs. Organic and Biomolecular Chemistry, 2007, 5, 1621-1628.	1.5	21
796	Microbial Siderophores. Soil Biology, 2007, , .	0.6	14
797	Assimilatory and dissimilatory processes of microorganisms affecting metals in the environment. Journal of Analytical Atomic Spectrometry, 2007, 22, 867.	1.6	26
798	Role of chitinase and Î²-1,3-glucanase activities produced by a fluorescent pseudomonad and in vitro inhibition of Phytophthora capsici and Rhizoctonia solani. Canadian Journal of Microbiology, 2007, 53, 207-212.	0.8	55
799	Reduction of Nickel and Uranium Toxicity and Enhanced Trichloroethylene Degradation toBurkholderia vietnamiensisPR1301with Hydroxyapatite Amendment. Environmental Science & Technology, 2007, 41, 1877-1882.	4.6	12
800	Nocardichelins A and B, Siderophores fromNocardiaStrain Acta 3026#. Journal of Natural Products, 2007, 70, 932-935.	1.5	39
801	Pseudomonas fluorescens CHA0 Produces Enantio-pyochelin, the Optical Antipode of the Pseudomonas aeruginosa Siderophore Pyochelin. Journal of Biological Chemistry, 2007, 282, 35546-35553.	1.6	100
802	Profiling theBordetellapertussisProteome during Iron Starvation. Journal of Proteome Research, 2007, 6, 2518-2528.	1.8	40
803	Boron Binding by a Siderophore Isolated from Marine Bacteria Associated with the Toxic DinoflagellateGymnodiniumcatenatum. Journal of the American Chemical Society, 2007, 129, 478-479.	6.6	70
804	TonB System, In Vivo Assays and Characterization. Methods in Enzymology, 2007, 422, 245-269.	0.4	45
805	Characterization ofBacillusandPseudomonasstrains with suppressive traits isolated from tomato hydroponic-slow filtration unit. Canadian Journal of Microbiology, 2007, 53, 784-797.	0.8	17
806	Plant Carbohydrate Scavenging through TonB-Dependent Receptors: A Feature Shared by Phytopathogenic and Aquatic Bacteria. PLoS ONE, 2007, 2, e224.	1.1	289
807	Rhizosphere competent Mesorhizobiumloti MP6 induces root hair curling, inhibits Sclerotinia sclerotiorum and enhances growth of Indian mustard (Brassica campestris). Brazilian Journal of Microbiology, 2007, 38, 124-130.	0.8	118
808	Chromate reducing and plant growth promoting activies of psychrotrophic Rhodococcus erythropolis MtCC 7905. Journal of Basic Microbiology, 2007, 47, 513-517.	1.8	67

#	Article	IF	Citations
809	The Pseudomonas aeruginosa 4-Quinolone Signal Molecules HHQ and PQS Play Multifunctional Roles in Quorum Sensing and Iron Entrapment. Chemistry and Biology, 2007, 14, 87-96.	6.2	445
810	Formation of dialyzable iron during in-vitro digestion and extraction of mycoprotein. Food Chemistry, 2007, 105, 1630-1635.	4.2	1
811	Radioactive and stable metal bioaccumulation, crystalline compound and siderophore detection in Clavariadelphus truncatus. Journal of Environmental Radioactivity, 2007, 97, 57-69.	0.9	10
812	Impact of substrates and cell immobilization on siderophore activity by Pseudomonads in a Fe and/or Cr, Hg, Pb containing-medium. Journal of Hazardous Materials, 2007, 144, 229-239.	6.5	21
813	Marine amphiphilic siderophores: Marinobactin structure, uptake, and microbial partitioning. Journal of Inorganic Biochemistry, 2007, 101, 1692-1698.	1.5	54
814	Temporal changes in functional diversity of culturable bacteria populations in Sitka spruce stumps. Forest Pathology, 2007, 37, 217-235.	0.5	14
815	Thioquinolobactin, a Pseudomonas siderophore with antifungal and anti-Pythium activity. Environmental Microbiology, 2007, 9, 425-434.	1.8	122
816	Reactivation of the vanchrobactin siderophore system of Vibrio anguillarum by removal of a chromosomal insertion sequence originated in plasmid pJM1 encoding the anguibactin siderophore system. Environmental Microbiology, 2007, 10, 071115115447001-???.	1.8	37
817	The development of probiotics for the control of multiple bacterial diseases of rainbow trout, Oncorhynchus mykiss (Walbaum). Journal of Fish Diseases, 2007, 30, 573-579.	0.9	163
818	LuxO controls extracellular protease, haemolytic activities and siderophore production in fish pathogen Vibrio alginolyticus. Journal of Applied Microbiology, 2007, 103, 1525-1534.	1.4	66
819	Desorption of zinc by extracellularly produced metabolites of Trichoderma harzianum, Trichoderma reesei and Coriolus versicolor. Journal of Applied Microbiology, 2007, 103, 2240-2247.	1.4	13
820	Cultivable bacteria associated with larval gut of prothiofos-resistant, prothiofos-susceptible and field-caught populations of diamondback moth, Plutella xylostella and their potential for, antagonism towards entomopathogenic fungi and host insect nutriti. Journal of Applied Microbiology, 2007, 103, 2664-2675.	1.4	93
821	The siderophore biosynthetic gene SID1, but not the ferroxidase gene FET3, is required for full Fusarium graminearum virulence. Molecular Plant Pathology, 2007, 8, 411-421.	2.0	79
822	The effect of methanogen growth on mineral substrates: will Ni markers of methanogen-based communities be detectable in the rock record?. Geobiology, 2007, 5, 070210031741001-???.	1.1	22
823	Metal-chelating compounds produced by ectomycorrhizal fungi collected from pine plantations. Letters in Applied Microbiology, 2007, 44, 7-12.	1.0	54
824	Antimicrobial properties of moderately halotolerant bacteria from cenotes of the Yucatan peninsula. Letters in Applied Microbiology, 2007, 45, 289-294.	1.0	21
825	Cold tolerance and plant growth promotion potential of Serratia marcescens strain SRM (MTCC 8708) isolated from flowers of summer squash (Cucurbita pepo). Letters in Applied Microbiology, 2008, 46, 171-175.	1.0	172
826	Siderophore-mediated cooperation and virulence in Pseudomonas aeruginosa. FEMS Microbiology Ecology, 2007, 62, 135-141.	1.3	146

#	Article	IF	Citations
827	Sequence analysis of the 181-kb accessory plasmid pSmeSM11b, isolated from a dominantSinorhizobium melilotistrain identified during a long-term field release experiment. FEMS Microbiology Letters, 2007, 271, 297-309.	0.7	27
828	Metal-dependent repression of siderophore and biofilm formation inActinomyces naeslundii. FEMS Microbiology Letters, 2007, 275, 214-220.	0.7	17
829	Transcriptional regulation of the desferrioxamine gene cluster ofStreptomyces coelicoloris mediated by binding of DmdR1 to an iron box in the promoter of thedesAgene. FEBS Journal, 2007, 274, 1110-1122.	2.2	54
830	Screening of bacterial isolates from various European soils for in vitro antagonistic activity towards Rhizoctonia solani and Fusarium oxysporum: Site-dependent composition and diversity revealed. Soil Biology and Biochemistry, 2007, 39, 2818-2828.	4.2	100
831	In vitro Antagonism of Rhizobacteria Isolated from Coffea arabica L. against Emerging Fungal Coffee Pathogens. Engineering in Life Sciences, 2007, 7, 577-586.	2.0	48
832	Bioformulation of Burkholderia sp. MSSP with a multispecies consortium for growth promotion of Cajanus cajan. Canadian Journal of Microbiology, 2007, 53, 213-222.	0.8	50
833	Functional expression of Escherichia coli fhuA gene in Rhizobium spp. of Cajanus cajan provides growth advantage in presence of Fe3+: ferrichrome as iron source. Archives of Microbiology, 2007, 187, 257-264.	1.0	21
834	Rhizosphere Pseudomonas sp. strains reduce occurrence of pre- and post-emergence damping-off in chile and tomato in Central Himalayan region. Archives of Microbiology, 2007, 187, 321-335.	1.0	21
835	Isolation, sequencing and characterization of cluster genes involved in the biosynthesis and utilization of the siderophore of marine fish pathogen Vibrio alginolyticus. Archives of Microbiology, 2007, 188, 433-439.	1.0	26
836	Isolation and Characterization of Endophytic Bacteria from the Nickel Hyperaccumulator Plant Alyssum bertolonii. Microbial Ecology, 2007, 53, 306-316.	1.4	182
837	Impact of Ectomycorrhizosphere on the Functional Diversity of Soil Bacterial and Fungal Communities from a Forest Stand in Relation to Nutrient Mobilization Processes. Microbial Ecology, 2007, 54, 567-577.	1.4	89
838	Phytohormone production by three strains of Bradyrhizobium japonicum and possible physiological and technological implications. Applied Microbiology and Biotechnology, 2007, 74, 874-880.	1.7	251
839	Plant-growth-promoting compounds produced by two agronomically important strains of Azospirillum brasilense, and implications for inoculant formulation. Applied Microbiology and Biotechnology, 2007, 75, 1143-1150.	1.7	271
840	Endophytic bacteria in sunflower (Helianthus annuus L.): isolation, characterization, and production of jasmonates and abscisic acid in culture medium. Applied Microbiology and Biotechnology, 2007, 76, 1145-1152.	1.7	292
841	Effects of Iron on Growth, Pigment Content, Photosystem II Efficiency, and Siderophores Production of Microcystis aeruginosa and Microcystis wesenbergii. Current Microbiology, 2007, 55, 94-98.	1.0	55
842	Zinc Uptake Regulator (zur) Gene Involved in Zinc Homeostasis and Virulence of Xanthomonas oryzae pv. oryzae in Rice. Current Microbiology, 2007, 54, 307-314.	1.0	45
843	Biocontrol and PGPR Features in Native Strains Isolated from Saline Soils of Argentina. Current Microbiology, 2007, 55, 314-322.	1.0	97
844	Characterization of Pseudomonas corrugata Strain P94 Isolated from Soil in Beijing as a Potential Biocontrol Agent. Current Microbiology, 2007, 55, 247-253.	1.0	29

#	Article	IF	Citations
845	Production and Characterization of Siderophores and its Application in Arsenic Removal from Contaminated Soil. Water, Air, and Soil Pollution, 2007, 180, 199-212.	1.1	150
846	Biocontrol of Meloidogyne javanica by Rhizobium and plant growth-promoting rhizobacteria on lentil. World Journal of Microbiology and Biotechnology, 2007, 23, 435-441.	1.7	86
847	Isolation and characterization of bacteria from the rhizosphere of wheat. World Journal of Microbiology and Biotechnology, 2007, 23, 895-903.	1.7	67
848	Natural occurrence of Azospirillum brasilense in strawberry plants. Plant and Soil, 2007, 295, 169-178.	1.8	43
849	Characterization of the chromophores of pyoverdins and related siderophores by electrospray tandem mass spectrometry. BioMetals, 2007, 20, 135-144.	1.8	48
850	Iron-uptake in the Euryarchaeon Halobacterium salinarum. BioMetals, 2007, 20, 539-547.	1.8	13
851	Iron acquisition mechanisms of the Burkholderia cepacia complex. BioMetals, 2007, 20, 431-452.	1.8	79
852	Purification and characterization of rhodobactin: a mixed ligand siderophore from Rhodococcus rhodochrous strain OFS. BioMetals, 2007, 20, 853-867.	1.8	26
853	Isolation and characterization of mutants of Pseudomonas maltophila PM-4 altered in chitinolytic activity and antagonistic activity against root rot pathogens of clusterbean (Cyamopsis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 417 Td (t	1.5	6
854	Synthesis and biological activity of saccharide based lipophilic siderophore mimetics as potential growth promoters for mycobacteria. BioMetals, 2008, 21, 41-51.	1.8	12
855	Utilization of Fe3+-acinetoferrin analogs as an iron source by Mycobacterium tuberculosis. BioMetals, 2008, 21, 93-103.	1.8	15
856	Identification, isolation, and analysis of a gene cluster involved in iron acquisition by Pseudomonas mendocina ymp. BioMetals, 2008, 21, 353-366.	1.8	17
857	Control of fusarium wilt of Solanum melongena by Trichoderma spp.. Biologia Plantarum, 2008, 52, 582-586.	1.9	12
858	Diverse mechanisms adopted by fluorescent Pseudomonas PGC2 during the inhibition of Rhizoctonia solani and Phytophthora capsici. World Journal of Microbiology and Biotechnology, 2008, 24, 581-585.	1.7	66
859	Characterization of a cold-tolerant plant growth-promoting bacterium Pantoea dispersa 1A isolated from a sub-alpine soil in the North Western Indian Himalayas. World Journal of Microbiology and Biotechnology, 2008, 24, 955-960.	1.7	138
860	Induction of defense responses in tomato against Pseudomonas syringae pv. tomato by regulating the stress ethylene level with Methylobacterium oryzae CBMB20 containing 1-aminocyclopropane-1-carboxylate deaminase. World Journal of Microbiology and Biotechnology, 2008, 24, 1037-1045.	1.7	61
861	Biological control of root rot fungus Macrophomina phaseolina and growth enhancement of Pinus roxburghii (Sarg.) by rhizosphere competent Bacillus subtilis BN1. World Journal of Microbiology and Biotechnology, 2008, 24, 1669-1679.	1.7	125
862	Bioligand-mediated partitioning of radionuclides to the aqueous phase. Journal of Radioanalytical and Nuclear Chemistry, 2008, 277, 637-644.	0.7	4

#	Article	IF	Citations
863	Characterisation of a psychrotolerant plant growth promotingPseudomonas sp. strain PGERs17 (MTCC 9000) isolated from North Western Indian Himalayas. Annals of Microbiology, 2008, 58, 561-568.	1.1	95
864	Characterization of two TonB systems in marine fish pathogen Vibrio alginolyticus: their roles in iron utilization and virulence. Archives of Microbiology, 2008, 190, 595-603.	1.0	55
865	Selective Enhancement of the Fluorescent Pseudomonad Population After Amending the Recirculating Nutrient Solution of Hydroponically Grown Plants with a Nitrogen Stabilizer. Microbial Ecology, 2008, 56, 538-554.	1.4	10
866	Cadmiumâ€“Induced Siderophore Production by a High Cd-Resistant Bacterial Strain Relieved Cd Toxicity in Plants Through Root Colonization. Current Microbiology, 2008, 56, 55-60.	1.0	199
867	Characterization of Plant Growthâ€“Promoting Traits of Bacteria Isolated from Larval Guts of Diamondback Moth Plutella xylostella (Lepidoptera: Plutellidae). Current Microbiology, 2008, 56, 327-333.	1.0	183
868	Rhizoremediation of Cadmium Soil Using a Cadmium-Resistant Plant Growth-Promoting Rhizopseudomonad. Current Microbiology, 2008, 56, 403-407.	1.0	141
869	Declination of Copper Toxicity in Pigeon Pea and Soil System by Growth-Promoting Proteus vulgaris KNP3 Strain. Current Microbiology, 2008, 57, 78-82.	1.0	28
870	Effect of a Nickel-Tolerant ACC Deaminase-Producing Pseudomonas Strain on Growth of Nontransformed and Transgenic Canola Plants. Current Microbiology, 2008, 57, 170-174.	1.0	64
871	Effect of Ferric Iron on Siderophore Production and Pyrene Degradation by Pseudomonas fluorescens 29L. Current Microbiology, 2008, 57, 331-334.	1.0	15
872	Small RNA ArrF Regulates the Expression of sodB and feSII Genes in Azotobacter vinelandii. Current Microbiology, 2008, 57, 593-597.	1.0	37
873	Function of the iron-binding chelator produced by Coriolus versicolor in lignin biodegradation. Science in China Series C: Life Sciences, 2008, 51, 214-221.	1.3	21
874	Characterization of a mutant of Alteromonas aurantia A18 and its application in mariculture. Journal of Ocean University of China, 2008, 7, 55-59.	0.6	13
875	Rhizobacteria in Mycorrhizosphere Improved Plant Health and Yield of Banana by Offering Proper Nourishment and Protection against Diseases. Applied Biochemistry and Biotechnology, 2008, 151, 441-451.	1.4	7
876	Exploring Antagonistic Metabolites of Established Biocontrol Agent of Marine Origin. Applied Biochemistry and Biotechnology, 2008, 151, 665-675.	1.4	28
877	Recovery of plant growth-promoting rhizobacteria from sodium alginate beads after 3Âyears following storage at 4ÂÂ°C. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 205-209.	1.4	43
878	Influence of iron and chelator on siderophore production in Frankia strains nodulating Hippophae salicifolia D. Don. Journal of Basic Microbiology, 2008, 48, 104-111.	1.8	23
879	Potential plant growth promoting traits and bioacidulation of rock phosphate by thiosulfate oxidizing bacteria isolated from crop plants. Journal of Basic Microbiology, 2008, 48, 439-447.	1.8	60
880	Characterization of metalâ€resistant plantâ€growth promoting Bacillus weihenstephanensis isolated from serpentine soil in Portugal. Journal of Basic Microbiology, 2008, 48, 500-508.	1.8	101

#	Article	IF	Citations
881	3â€Methylarginine from Pseudomonas syringae pv. syringae 22d/93 Suppresses the Bacterial Blight Caused by Its Close Relative Pseudomonas syringae pv. glycinea. ChemBioChem, 2008, 9, 1913-1920.	1.3	13
882	Isolation and Characterization of Three Siderophores from Marine Bacteria. Chinese Journal of Chemistry, 2008, 26, 1332-1334.	2.6	11
883	Spectrophotometric ferric ion biosensor fromPseudomonas fluorescens culture. Biotechnology and Bioengineering, 2008, 100, 284-296.	1.7	30
884	Studies of Iron-Uptake Mechanisms in Two Bacterial Species of theShewanellaGenus Adapted to Middle-Range (Shewanella putrefaciens) or Antarctic (Shewanella gelidimarina) Temperatures. Chemistry and Biodiversity, 2008, 5, 2113-2123.	1.0	17
885	Effects of inoculation of biosurfactant-producing Bacillus sp. J119 on plant growth and cadmium uptake in a cadmium-amended soil. Journal of Hazardous Materials, 2008, 155, 17-22.	6.5	177
886	Enhanced growth and nodulation of pigeon pea by co-inoculation of Bacillus strains with Rhizobium spp.. Bioresource Technology, 2008, 99, 4544-4550.	4.8	150
887	Model-based determination of changing kinetics in high cell density cultures using respiration data. Chemical Engineering Science, 2008, 63, 4789-4799.	1.9	5
888	Effects of inoculation of plant-growth promoting bacteria on Ni uptake by Indian mustard. Bioresource Technology, 2008, 99, 3491-3498.	4.8	177
889	Characteristics of an endophytic pyrene-degrading bacterium of Enterobacter sp. 12J1 from Allium macrostemon Bunge. International Biodeterioration and Biodegradation, 2008, 62, 88-95.	1.9	102
890	Growth promotion and biological control of root-knot nematodes in micropropagated banana during the nursery stage by treatment with specific bacterial strains. Annals of Applied Biology, 2008, 152, 41-48.	1.3	14
891	Characterization offigoperon mutants ofFrancisella novicidaU112. FEMS Microbiology Letters, 2008, 285, 270-277.	0.7	42
892	Bioweathering of chrysotile by fungi isolated in ophiolitic sites. FEMS Microbiology Letters, 2008, 285, 242-249.	0.7	41
893	Cross-utilization and expression of outer membrane receptor proteins for siderophore uptake by Diamondback mothPlutella xylostella(Lepidoptera: Plutellidae) gut bacteria. FEMS Microbiology Letters, 2008, 289, 27-33.	0.7	16
894	Interspecific competition and siderophore-mediated cooperation in Pseudomonas aeruginosa. ISME Journal, 2008, 2, 49-55.	4.4	142
895	Characterization of a new isolate ofPseudomonas fluorescensstrain Psd as a potential biocontrol agent. Letters in Applied Microbiology, 2008, 47, 98-105.	1.0	21
896	The GacA global regulator is required for the appropriate expression of Erwinia chrysanthemi 3937 pathogenicity genes during plant infection. Environmental Microbiology, 2008, 10, 545-559.	1.8	81
897	Regulatory role of UvrY in adaptation of Photorhabdus luminescens growth inside the insect. Environmental Microbiology, 2008, 10, 1118-1134.	1.8	28
898	A large gene cluster encoding peptide synthetases and polyketide synthases is involved in production of siderophores and oxidative stress response in the cyanobacterium Anabaena sp. strain PCC 7120. Environmental Microbiology, 2008, 10, 2574-2585.	1.8	35

#	Article	IF	Citations
899	A novel streptococcal integrative conjugative element involved in iron acquisition. Molecular Microbiology, 2008, 70, 1274-1292.	1.2	55
900	Isolation of putative probionts from cod rearing environment. Veterinary Microbiology, 2008, 132, 328-339.	0.8	34
901	Transcriptome analysis reveals response regulator SO2426-mediated gene expression in Shewanella oneidensis MR-1 under chromate challenge. BMC Genomics, 2008, 9, 395.	1.2	24
902	Assessment of genetic and functional diversity of phosphate solubilizing fluorescent pseudomonads isolated from rhizospheric soil. BMC Microbiology, 2008, 8, 230.	1.3	161
903	Biocontrol of charcoal rot in sorghum by fluorescent pseudomonads associated with the rhizosphere. Crop Protection, 2008, 27, 1407-1414.	1.0	48
904	Effects of chitin and salicylic acid on biological control activity of Pseudomonas spp. against damping off of pepper. South African Journal of Botany, 2008, 74, 268-273.	1.2	44
905	Improvement of Brassica napus growth under cadmium stress by cadmium-resistant rhizobacteria. Soil Biology and Biochemistry, 2008, 40, 74-84.	4.2	364
906	Rhizosphere bacteria from sites with higher fungal densities exhibit greater levels of potential antifungal properties. Soil Biology and Biochemistry, 2008, 40, 1542-1544.	4.2	27
907	Simple microplate assays to measure iron mobilization and oxalate secretion by ectomycorrhizal tree roots. Soil Biology and Biochemistry, 2008, 40, 2460-2463.	4.2	25
908	Arbuscular mycorrhizal fungal spore-associated bacteria affect mycorrhizal colonization, plant growth and potato pathogens. Soil Biology and Biochemistry, 2008, 40, 2494-2501.	4.2	87
909	Screening of free-living rhizospheric bacteria for their multiple plant growth promoting activities. Microbiological Research, 2008, 163, 173-181.	2.5	1,124
910	In vitro evaluation of antagonistic properties of Pseudomonas corrugata. Microbiological Research, 2008, 163, 329-336.	2.5	124
911	Siderophore cross-utilization amongst nodule isolates of the cowpea miscellany group and its effect on plant growth in the presence of antagonistic organisms. Microbiological Research, 2008, 163, 564-570.	2.5	13
912	Plant Growth-Promoting Bacteria for Phytostabilization of Mine Tailings. Environmental Science & Technology, 2008, 42, 2079-2084.	4.6	115
913	Screening and characterization of antifungal clusterbean (Cyamopsis tetragonoloba) rhizobacteria. Biocontrol Science and Technology, 2008, 18, 139-156.	0.5	9
914	Immobilised metal affinity chromatography for the capture of hydroxamate-containing siderophores and other Fe(iii)-binding metabolites directly from bacterial culture supernatants. Analyst, The, 2008, 133, 877.	1.7	29
915	Phylogenetic analysis and siderotyping as useful tools in the taxonomy of Pseudomonas stutzeri: description of a novel genomovar. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2309-2315.	0.8	42
916	Screening for rock phosphate solubilizing Actinomycetes from Moroccan phosphate mines. Applied Soil Ecology, 2008, 38, 12-19.	2.1	183

#	Article	IF	Citations
917	Evaluation of genetic diversity and plant growth promoting activities of nitrogen-fixing bacilli isolated from rice fields in South Brazil. Applied Soil Ecology, 2008, 39, 311-320.	2.1	178
918	Effect of expression of Bradyrhizobium japonicum 61A152 fegA gene in Mesorhizobium sp., on its competitive survival and nodule occupancy on Arachis hypogea. Applied Soil Ecology, 2008, 40, 338-347.	2.1	20
919	Pathogenicity of Vibrio harveyi to cultured marine fishes in Korea. Aquaculture, 2008, 285, 8-13.	1.7	79
920	Genetic and phenotypic diversity of plant-growth-promoting bacilli isolated from wheat fields in southern Brazil. Research in Microbiology, 2008, 159, 244-250.	1.0	93
921	A quorum-quenching approach to identify quorum-sensing-regulated functions in Azospirillum lipoferum. Research in Microbiology, 2008, 159, 699-708.	1.0	57
922	Isolation, selection, and characterization of beneficial rhizobacteria from pea, lentil, and chickpea grown in western Canada. Canadian Journal of Microbiology, 2008, 54, 248-258.	0.8	112
923	Suppression of Pythium ultimum root rot of sorghum by rhizobacterial isolates from Ethiopia and South Africa. Biological Control, 2008, 45, 72-84.	1.4	51
924	Production of lytic enzymes and siderophores, and inhibition of germination of basidiospores of Moniliophthora (ex Crinipellis) perniciosa by phylloplane actinomycetes. Biological Control, 2008, 47, 309-314.	1.4	82
925	Characterization of heavy metal-resistant endophytic bacteria from rape (Brassica napus) roots and their potential in promoting the growth and lead accumulation of rape. Environmental Pollution, 2008, 156, 1164-1170.	3.7	501
926	Bacteria, hypertolerant to arsenic in the rocks of an ancient gold mine, and their potential role in dissemination of arsenic pollution. Environmental Pollution, 2008, 156, 1069-1074.	3.7	111
927	Functional analysis of the role of Fur in the virulence of Pseudomonas syringae pv. tabaci 11528: Fur controls expression of genes involved in quorum-sensing. Biochemical and Biophysical Research Communications, 2008, 366, 281-287.	1.0	47
928	Isolation and characterization of a heavy metal-resistant Burkholderia sp. from heavy metal-contaminated paddy field soil and its potential in promoting plant growth and heavy metal accumulation in metal-polluted soil. Chemosphere, 2008, 72, 157-164.	4.2	416
929	Influence of plant growth promoting bacteria and its mutant on heavy metal toxicity in Brassica juncea grown in fly ash amended soil. Chemosphere, 2008, 72, 678-683.	4.2	158
930	Involvement of siderophores in the reduction of metal-induced inhibition of auxin synthesis in Streptomyces spp.. Chemosphere, 2008, 74, 19-25.	4.2	209
931	Hydroxamate siderophores produced by Streptomyces acidiscabies E13 bind nickel and promote growth in cowpea (Vigna unguiculata L.) under nickel stress. Canadian Journal of Microbiology, 2008, 54, 163-172.	0.8	216
932	Synthesis and biological activity of analogues of vanchrobactin, a siderophore from Vibrio anguillarum serotype O2. Organic and Biomolecular Chemistry, 2008, 6, 1278.	1.5	12
933	Iron Acquisition by Ornithobacterium rhinotracheale. Avian Diseases, 2008, 52, 419-425.	0.4	5
934	Biosynthesis of the 3,4-Dihydroxybenzoate Moieties of Petrobactin by Bacillus anthracis. Journal of Organic Chemistry, 2008, 73, 5759-5765.	1.7	23

#	Article	IF	Citations
935	Arsenic-HypertolerantPseudomonadsIsolated from Ancient Gold and Copper-Bearing Black Shale Deposits. Geomicrobiology Journal, 2008, 25, 357-362.	1.0	18
936	Biosynthetic and regulatory elements involved in the production of the siderophore vanchrobactin in Vibrio anguillarum. Microbiology (United Kingdom), 2008, 154, 1400-1413.	0.7	30
937	AsopBDeletion Mutation Enhances the Immunogenicity and Protective Efficacy of a Heterologous Antigen Delivered by Live AttenuatedSalmonella entericaVaccines. Infection and Immunity, 2008, 76, 5238-5246.	1.0	65
938	Antagonism betweenBacillus cereusandPseudomonas fluorescensin planktonic systems and in biofilms. Biofouling, 2008, 24, 339-349.	0.8	60
939	Burkholderia pseudomallei,B. thailandensis, andB. ambifariaProduce 4-Hydroxy-2-Alkylquinoline Analogues with a Methyl Group at the 3 Position That Is Required for Quorum-Sensing Regulation. Journal of Bacteriology, 2008, 190, 5339-5352.	1.0	128
940	Alr0397 Is an Outer Membrane Transporter for the Siderophore Schizokinen inAnabaenasp. Strain PCC 7120. Journal of Bacteriology, 2008, 190, 7500-7507.	1.0	77
941	Multiple phenotypic alterations caused by a c-type cytochrome maturation ccmC gene mutation in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2008, 154, 127-138.	0.7	11
942	The new group of non-pathogenic plant-associated nitrogen-fixing Burkholderia spp. shares a conserved quorum-sensing system, which is tightly regulated by the RsaL repressor. Microbiology (United Kingdom), 2008, 154, 2048-2059.	0.7	45
943	The Production In Vivo of Microcin E492 with Antibacterial Activity Depends on Salmochelin and EntF. Journal of Bacteriology, 2008, 190, 5464-5471.	1.0	15
944	Histoplasma Requires SID1, a Member of an Iron-Regulated Siderophore Gene Cluster, for Host Colonization. PLoS Pathogens, 2008, 4, e1000044.	2.1	131
945	Pleiotropic roles of iron-responsive transcriptional regulator Fur in Burkholderia multivorans. Microbiology (United Kingdom), 2008, 154, 1763-1774.	0.7	39
946	The AraC-Like Transcriptional Regulator DhbR Is Required for Maximum Expression of the 2,3-Dihydroxybenzoic Acid Biosynthesis Genes in Brucella abortus 2308 in Response to Iron Deprivation. Journal of Bacteriology, 2008, 190, 1838-1842.	1.0	16
947	Structure elucidation and biosynthesis of fuscachelins, peptide siderophores from the moderate thermophile Thermobifida fusca. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15311-15316.	3.3	66
948	The Major Facilitator Superfamily-Type Transporter YmfE and the Multidrug-Efflux Activator Mta Mediate Bacillibactin Secretion in Bacillus subtilis. Journal of Bacteriology, 2008, 190, 5143-5152.	1.0	51
949	fslE Is Necessary for Siderophore-Mediated Iron Acquisition in Francisella tularensis Schu S4. Journal of Bacteriology, 2008, 190, 5353-5361.	1.0	51
950	Identification of Siderophore Biosynthesis Genes Essential for Growth of Aeromonas salmonicida under Iron Limitation Conditions. Applied and Environmental Microbiology, 2008, 74, 2341-2348.	1.4	33
951	A mutant in one of two exbD loci of a TonB system in Flavobacterium psychrophilum shows attenuated virulence and confers protection against cold water disease. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 97	0.7	65
952	Vibrio choleraeVciB Promotes Iron Uptake via Ferrous Iron Transporters. Journal of Bacteriology, 2008, 190, 5953-5962.	1.0	18

#	Article	IF	Citations
953	Characterization and Biological Function of the ISOCHORISMATE SYNTHASE2 Gene of Arabidopsis. Plant Physiology, 2008, 147, 1279-1287.	2.3	340
954	Characterization of plant growth-promoting Bacillus edaphicus NBT and its effect on lead uptake by Indian mustard in a lead-amended soil. Canadian Journal of Microbiology, 2008, 54, 417-422.	0.8	56
955	Whole-cell response of the pennate diatom Phaeodactylum tricornutum to iron starvation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10438-10443.	3.3	414
956	Effects of harmful algal blooms on competitors: Allelopathic mechanisms of the red tide dinoflagellate Karenia brevis. Limnology and Oceanography, 2008, 53, 531-541.	1.6	107
957	Role of rpfF in Virulence and Exoenzyme Production of Xanthomonas axonopodis pv. glycines, the Causal Agent of Bacterial Pustule of Soybean. Phytopathology, 2008, 98, 1252-1260.	1.1	36
958	Characterization of streptomycetes with potential to promote plant growth and biocontrol. Scientia Agricola, 2008, 65, 50-55.	0.6	56
959	Ornicorrugatin, a New Siderophore from Pseudomonas fluorescens AF76. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2008, 63, 8-12.	0.6	36
960	Detection of siderophores in endophytic bacteria Methylobacterium spp. associated with Xylella fastidiosa subsp. pauca. Pesquisa Agropecuaria Brasileira, 2008, 43, 521-528.	0.9	57
961	Mechanistic Insights into a Novel Exporter-Importer System of Mycobacterium tuberculosis Unravel Its Role in Trafficking of Iron. PLoS ONE, 2008, 3, e2087.	1.1	51
962	Biocontrol of wilt disease complex of pigeonpea by fluorescent pseudomonads andBacillusspp. under pot and field conditions. Acta Phytopathologica Et Entomologica Hungarica, 2008, 43, 77-92.	0.1	7
963	Identification and Biological Characterization of Isolates with Activity Inhibitive against Macrophomina phaseolina (Tassi) Goid. Chilean Journal of Agricultural Research, 2009, 69, .	0.4	7
964	2-Amino-3-(Oxirane-2,3-Dicarboxamido)-Propanoyl-Valine, an Effective Peptide Antibiotic from the Epiphyte Pantoea agglomerans 48b/90. Applied and Environmental Microbiology, 2009, 75, 7710-7717.	1.4	27
965	Salmonella entericaSerovar Typhimurium Strains with Regulated Delayed Attenuation In Vivo. Infection and Immunity, 2009, 77, 1071-1082.	1.0	146
966	FvtA Is the Receptor for the Siderophore Vanchrobactin inVibrio anguillarum: Utility as a Route of Entry for Vanchrobactin Analogues. Applied and Environmental Microbiology, 2009, 75, 2775-2783.	1.4	26
967	Alternative splicing and gene duplication differentially shaped the regulation of isochorismate synthase in Populus and Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22020-22025.	3.3	71
968	Iron Requirement for Mn(II) Oxidation by Leptothrix discophora SS-1. Applied and Environmental Microbiology, 2009, 75, 1229-1235.	1.4	42
969	Antifungal Activity of Selected IndigenousPseudomonasandBacillusfrom the Soybean Rhizosphere. International Journal of Microbiology, 2009, 2009, 1-9.	0.9	35
970	Erwinia chrysanthemi Iron Metabolism: the Unexpected Implication of the Inner Membrane Platform within the Type II Secretion System. Journal of Bacteriology, 2009, 191, 795-804.	1.0	9

#	Article	IF	Citations
971	Genomic Islands of Uropathogenic Escherichia coli Contribute to Virulence. Journal of Bacteriology, 2009, 191, 3469-3481.	1.0	113
972	A Burkholderia cenocepacia Orphan LuxR Homolog Is Involved in Quorum-Sensing Regulation. Journal of Bacteriology, 2009, 191, 2447-2460.	1.0	58
973	Evaluation of new generationSalmonella entericaserovar Typhimurium vaccines with regulated delayed attenuation to induce immune responses against PspA. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 593-598.	3.3	100
974	Characterization of a Phenazine and Hexanoyl Homoserine Lactone Producing Pseudomonas aurantiaca Strain PB-St2, Isolated from Sugarcane Stem. Journal of Microbiology and Biotechnology, 2009, 19, 1688-1694.	0.9	33
975	Purification of Legiobactin and Importance of This Siderophore in Lung Infection byLegionella pneumophila. Infection and Immunity, 2009, 77, 2887-2895.	1.0	35
976	Chelating and antioxidant activity of lignans from Chilean woods (Cupressaceae). Holzforschung, 2009, 63, .	0.9	20
977	Genetics and Virulence Association of the Shigella flexneri Sit Iron Transport System. Infection and Immunity, 2009, 77, 1992-1999.	1.0	45
978	Exochelin Production in Mycobacterium neoaurum. International Journal of Molecular Sciences, 2009, 10, 345-353.	1.8	10
979	Molecular Basis of Rare Aminoglycoside Susceptibility and Pathogenesis of Burkholderia pseudomallei Clinical Isolates from Thailand. PLoS Neglected Tropical Diseases, 2009, 3, e519.	1.3	55
980	Quantitative Metabolomics Reveals an Epigenetic Blueprint for Iron Acquisition in Uropathogenic Escherichia coli. PLoS Pathogens, 2009, 5, e1000305.	2.1	211
981	Analysis of Achromobactin Biosynthesis byPseudomonas syringaepv. syringae B728a. Journal of Bacteriology, 2009, 191, 4594-4604.	1.0	82
982	Viscous medium promotes cooperation in the pathogenic bacteriumPseudomonas aeruginosa. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3531-3538.	1.2	200
983	Roles of Agrobacterium tumefaciens RirA in Iron Regulation, Oxidative Stress Response, and Virulence. Journal of Bacteriology, 2009, 191, 2083-2090.	1.0	56
984	Iron-dependent growth of and siderophore production by two heterotrophic bacteria isolated from brackish water of the southern Baltic Sea. Microbiological Research, 2009, 164, 570-577.	2.5	38
985	Metal-induced oxidative stress impacting plant growth in contaminated soil is alleviated by microbial siderophores. Soil Biology and Biochemistry, 2009, 41, 154-162.	4.2	238
986	Evaluation of functional diversity in rhizobacterial taxa of a wild grass (Saccharum ravennae) colonizing abandoned fly ash dumps in Delhi urban ecosystem. Soil Biology and Biochemistry, 2009, 41, 813-821.	4.2	72
987	Efficient mineral weathering is a distinctive functional trait of the bacterial genus Collimonas. Soil Biology and Biochemistry, 2009, 41, 2178-2186.	4.2	69
988	Ecology and physiology of the emerging opportunistic fungi Pseudallescheria boydii and Scedosporium prolificans. Mycoses, 1994, 37, 71-78.	1.8	107

#	Article	IF	Citations
989	Genotypic and phenotypic characterisation of Escherichia coli strains associated with porcine pyelonephritis. Veterinary Microbiology, 2009, 134, 318-326.	0.8	12
990	Identification of rice blast disease-suppressing bacterial strains from the rhizosphere of rice grown in Pakistan. Crop Protection, 2009, 28, 1052-1060.	1.0	71
991	Advantage of using PSIRB over PSRB and IRB to improve plant health of tomato. Biological Control, 2009, 50, 307-316.	1.4	27
992	Leaching of spent nuclear fuel in the presence of siderophores. Journal of Radioanalytical and Nuclear Chemistry, 2009, 279, 619-626.	0.7	9
993	Iron transport in Francisella in the absence of a recognizable TonB protein still requires energy generated by the proton motive force. BioMetals, 2009, 22, 337-344.	1.8	10
994	Iron acquisition functions expressed by the human pathogen Acinetobacter baumannii. BioMetals, 2009, 22, 23-32.	1.8	135
995	Siderophores as drug delivery agents: application of the â€œTrojan Horseâ€•strategy. BioMetals, 2009, 22, 615-624.	1.8	229
996	Siderophores of Marinobacter aquaeolei: petrobactin and its sulfonated derivatives. BioMetals, 2009, 22, 565-571.	1.8	42
997	Hydroxamate siderophores of Scedosporium apiospermum. BioMetals, 2009, 22, 1019-1029.	1.8	40
998	Isolation and characterization of phosphate solubilizing rhizobacteria to improve plant health of tomato. Plant and Soil, 2009, 316, 13-24.	1.8	179
999	Iron dynamics in the rhizosphere as a case study for analyzing interactions between soils, plants and microbes. Plant and Soil, 2009, 321, 513-535.	1.8	164
1000	Characterisation of naturally occurring Erwinia amylovora strains lacking the common plasmid pEA29 and their detection with real-time PCR. European Journal of Plant Pathology, 2009, 124, 293-302.	0.8	28
1001	Exiguobacterium acetylicum strain 1P (MTCC 8707) a novel bacterial antagonist from the North Western Indian Himalayas. World Journal of Microbiology and Biotechnology, 2009, 25, 131-137.	1.7	49
1002	Rhizosphere competent Pseudomonas aeruginosa in the management of Heterodera cajani on sesame. World Journal of Microbiology and Biotechnology, 2009, 25, 277-285.	1.7	17
1003	Comparision between Bacillus subtilis RP24 and its antibiotic-defective mutants. World Journal of Microbiology and Biotechnology, 2009, 25, 1329-1335.	1.7	12
1004	Screening siderophore producing bacteria as potential biological control agent for fungal rice pathogens in Thailand. World Journal of Microbiology and Biotechnology, 2009, 25, 1919-1928.	1.7	108
1005	Plant growth promoting potential of the fungus Discosia sp. FIHB 571 from tea rhizosphere tested on chickpea, maize and pea. Indian Journal of Microbiology, 2009, 49, 128-133.	1.5	48
1006	Comparison of the bacterial community and characterization of plant growth-promoting rhizobacteria from different genotypes of Chrysopogon zizanioides (L.) Roberty (Vetiver) rhizospheres. Journal of Microbiology, 2009, 47, 363-370.	1.3	28

#	Article	IF	Citations
1007	Alleviation of drought stress effects in sunflower seedlings by the exopolysaccharides producing Pseudomonas putida strain GAP-P45. Biology and Fertility of Soils, 2009, 46, 17-26.	2.3	508
1008	Pseudomonas sp. strain AKM-P6 enhances tolerance of sorghum seedlings to elevated temperatures. Biology and Fertility of Soils, 2009, 46, 45-55.	2.3	213
1009	Isolation and characterization of endophytic plant growth-promoting (PGPB) or stress homeostasis-regulating (PSHB) bacteria associated to the halophyte Prosopis strombulifera. Applied Microbiology and Biotechnology, 2009, 85, 371-381.	1.7	347
1010	Siderophore-Producing Alcaligenes feacalis Exhibited More Biocontrol Potential Vis-Ã-Vis Chemical Fungicide. Current Microbiology, 2009, 58, 47-51.	1.0	65
1011	Biocontrol Potential of Soybean Bacterial Endophytes Against Charcoal Rot Fungus, Rhizoctonia bataticola. Current Microbiology, 2009, 58, 288-293.	1.0	113
1012	Plant Growth-Promoting and Rhizosphere-Competent Acinetobacter rhizosphaerae Strain BIHB 723 from the Cold Deserts of the Himalayas. Current Microbiology, 2009, 58, 371-377.	1.0	132
1013	Genetic Diversity of Plant Growth Promoting Rhizobacteria Isolated from Rhizospheric Soil of Wheat Under Saline Condition. Current Microbiology, 2009, 59, 489-496.	1.0	253
1014	Proteomic profiling of Cronobacter turicensis 3032, a foodâ€borne opportunistic pathogen. Proteomics, 2009, 9, 3564-3579.	1.3	15
1015	Potential of bulb-associated bacteria for biocontrol of hyacinth soft rot caused byDickeya zeae. Journal of Applied Microbiology, 2009, 106, 268-277.	1.4	26
1016	Evaluation ofOchrobactrum anthropiTRS-2 and its talc based formulation for enhancement of growth of tea plants and management of brown root rot disease. Journal of Applied Microbiology, 2009, 107, 625-634.	1.4	87
1017	The culturable bacteria isolated from organic-rich black shale potentially useful in biometallurgical procedures. Journal of Applied Microbiology, 2009, 107, 858-866.	1.4	57
1018	Development of a biological test to evaluate the bioavailability of iron in culture media. Journal of Applied Microbiology, 2009, 107, 1598-1605.	1.4	7
1019	Siderophores mediate reduced and increased uptake of cadmium byStreptomyces tendaeF4 and sunflower (Helianthus annuus), respectively. Journal of Applied Microbiology, 2009, 107, 1687-1696.	1.4	326
1020	Pyrene degradation and copper and zinc uptake byFusarium solaniandHypocrea lixiiisolated from petrol station soil. Journal of Applied Microbiology, 2009, 108, 2030-40.	1.4	45
1021	Identification and pathogenicity to rainbow trout, Oncorhynchus mykiss (Walbaum), of some aeromonads. Journal of Fish Diseases, 2009, 32, 865-871.	0.9	41
1022	Multiple roles of Pseudomonas aeruginosa TBCF10839 PilY1 in motility, transport and infection. Molecular Microbiology, 2009, 71, 730-747.	1.2	50
1023	Characterization of staphyloferrin A biosynthetic and transport mutants in Staphylococcus aureus. Molecular Microbiology, 2009, 72, 947-963.	1.2	120
1024	Molecular characterization of staphyloferrin B biosynthesis in Staphylococcus aureus. Molecular Microbiology, 2009, 74, 594-608.	1.2	122

#	Article	IF	Citations
1025	Quorum-sensing effects in the antagonistic rhizosphere bacterium Serratia plymuthica HRO-C48. FEMS Microbiology Ecology, 2009, 67, 468-478.	1.3	126
1026	Phenotypic plasticity of a cooperative behaviour in bacteria. Journal of Evolutionary Biology, 2009, 22, 589-598.	0.8	147
1027	Production of the antifungal compound pyrrolnitrin is quorum sensingâ€regulated in members of the Burkholderia cepacia complex. Environmental Microbiology, 2009, 11, 1422-1437.	1.8	106
1028	Isolation and characterization of plant growth-promoting strainPantoeaNII-186. From Western Ghat Forest soil, India. Letters in Applied Microbiology, 2009, 49, 20-25.	1.0	46
1029	Mechanism of insoluble phosphate solubilization byPseudomonas fluorescensRAF15 isolated from ginseng rhizosphere and its plant growth-promoting activities. Letters in Applied Microbiology, 2009, 49, 222-228.	1.0	112
1030	Improvement of plant growth and nickel uptake by nickel resistant-plant-growth promoting bacteria. Journal of Hazardous Materials, 2009, 166, 1154-1161.	6.5	194
1031	Role of metal resistant plant growth promoting bacteria in ameliorating fly ash to the growth of Brassica juncea. Journal of Hazardous Materials, 2009, 170, 51-57.	6.5	146
1032	Production, purification and chemical characterization of the catecholate siderophore from potent probiotic strains of Bacillus spp.. Bioresource Technology, 2009, 100, 368-373.	4.8	63
1033	Characteristics and function of a low-molecular-weight compound with reductive activity from Phanerochaete chrysosporium in lignin biodegradation. Bioresource Technology, 2009, 100, 2077-2081.	4.8	13
1034	Use of plant growth-promoting rhizobacteria for the biocontrol of root-rot disease complex of chickpea. Australasian Plant Pathology, 2009, 38, 44.	0.5	56
1035	Denitration of 2,4,6-Trinitrotoluene in Aqueous Solutions Using Small-Molecular-Weight Catalyst(s) Secreted by Pseudomonas aeruginosa ESA-5. Environmental Science & Technology, 2009, 43, 2011-2017.	4.6	22
1036	Loihichelins Aâ€"F, a Suite of Amphiphilic Siderophores Produced by the Marine Bacterium Halomonas LOB-5. Journal of Natural Products, 2009, 72, 884-888.	1.5	90
1037	Increased cadmium and lead uptake of a cadmium hyperaccumulator tomato by cadmium-resistant bacteria. Ecotoxicology and Environmental Safety, 2009, 72, 1343-1348.	2.9	122
1038	Reduction in dose of chemical fertilizers and growth enhancement of sesame (Sesamum indicum L.) with application of rhizospheric competent Pseudomonas aeruginosa LES4. European Journal of Soil Biology, 2009, 45, 334-340.	1.4	88
1039	Evaluation of fluorescent pseudomonads for plant growth promotion, antifungal activity against Rhizoctonia solani on common bean, and biocontrol potential. Biological Control, 2009, 48, 101-107.	1.4	53
1040	Isolation and characterization of Ni mobilizing PGPB from serpentine soils and their potential in promoting plant growth and Ni accumulation by Brassica spp.. Chemosphere, 2009, 75, 719-725.	4.2	127
1041	Evidence for a plant-associated natural habitat for Cronobacter spp.. Research in Microbiology, 2009, 160, 608-614.	1.0	115
1042	Virulence properties of asymptomatic bacteriuria Escherichia coli. International Journal of Medical Microbiology, 2009, 299, 53-63.	1.5	91

#	Article	IF	Citations
1043	Comparative analysis of extracellular enzymes and virulence exhibited by Burkholderia pseudomallei from different sources. Microbial Pathogenesis, 2009, 47, 111-117.	1.3	15
1044	A transferrin-like homolog in amphioxus Branchiostoma belcheri: Identification, expression and functional characterization. Molecular Immunology, 2009, 46, 3117-3124.	1.0	24
1045	Chapter 12 Role of Iron in Plantâ€“Microbe Interactions. Advances in Botanical Research, 2009, , 491-549.	0.5	64
1046	Rhizobial Association with Non-Legumes: Mechanisms and Applications. Critical Reviews in Plant Sciences, 2009, 28, 432-456.	2.7	46
1047	Antimicrobial Activity of Coffee Melanoidinsâ€”A Study of Their Metal-Chelating Properties. Journal of Agricultural and Food Chemistry, 2009, 57, 432-438.	2.4	192
1048	Symbiotic Fungi. Soil Biology, 2009, , .	0.6	8
1049	Regulation of Alkyl-dihydrothiazole-carboxylates (ATCs) by Iron and the Pyochelin Gene Cluster in Pseudomonas aeruginosa. ACS Chemical Biology, 2009, 4, 617-623.	1.6	28
1050	Identification and Characterization of the Staphylococcus aureus Gene Cluster Coding for Staphyloferrin A. Biochemistry, 2009, 48, 1025-1035.	1.2	85
1051	Fungal Diversity Associated with an Active Deep Sea Volcano: Vailulu'u Seamount, Samoa. Geomicrobiology Journal, 2009, 26, 597-605.	1.0	82
1052	Characterization of Microbacterium sp. F10a and its role in polycyclic aromatic hydrocarbon removal in low-temperature soil. Canadian Journal of Microbiology, 2009, 55, 529-535.	0.8	49
1053	Microbial Ecology of Fe (hydr)oxide Mats and Basaltic Rock from Vailulu'u Seamount, American Samoa. Geomicrobiology Journal, 2009, 26, 581-596.	1.0	70
1054	Bacillus amyloliquefaciens GA1 as a source of potent antibiotics and other secondary metabolites for biocontrol of plant pathogens. Microbial Cell Factories, 2009, 8, 63.	1.9	298
1055	Detection and Characterization of ACC Deaminase in Plant Growth Promoting Rhizobacteria. Journal of Plant Biochemistry and Biotechnology, 2009, 18, 71-76.	0.9	30
1056	Biocontrol of root-knot nematodeMeloidogyne incognitabyPseudomonasandBacillusisolates onPisum sativum. Archives of Phytopathology and Plant Protection, 2009, 42, 1154-1164.	0.6	30
1057	Siderophore-mediated iron acquisition in the entomopathogenic bacterium Pseudomonas entomophila L48 and its close relative Pseudomonas putida KT2440. BioMetals, 2009, 22, 951-964.	1.8	77
1058	Isolation, molecular characterization and growth-promotion activities of a cold tolerant bacterium Pseudomonas sp. NARs9 (MTCC9002) from the Indian Himalayas. Biological Research, 2009, 42, .	1.5	77
1059	Genetic diversity of siderophore-producing bacteria of tobacco rhizosphere. Brazilian Journal of Microbiology, 2009, 40, 276-284.	0.8	90
1060	Efficacy of rhizobacteria for growth promotion in sorghum under greenhouse conditions and selected modes of action studies. Journal of Agricultural Science, 2009, 147, 17-30.	0.6	45

#	Article	IF	Citations
1061	The Effect of a Cell-to-Cell Communication Molecule, Pseudomonas Quinolone Signal (PQS), Produced by P. aeruginosa on Other Bacterial Species. Microbes and Environments, 2010, 25, 1-7.	0.7	58
1062	Effects of Pseudomonas putida S1Pf1Rif Against Chrysanthemum Yellows Phytoplasma Infection. Phytopathology, 2010, 100, 805-813.	1.1	25
1063	Characterization of plant growth-promoting rhizobacterium Exiguobacterium NII-0906 for its growth promotion of cowpea (Vigna unguiculata). Biologia (Poland), 2010, 65, 197-203.	0.8	24
1064	Effect of Indole-3-Acetic Acid (IAA) Produced by Pseudomonas aeruginosa in Suppression of Charcoal Rot Disease of Chickpea. Current Microbiology, 2010, 61, 64-68.	1.0	80
1065	Mutations of ferric uptake regulator (fur) impair iron homeostasis, growth, oxidative stress survival, and virulence of Xanthomonas campestris pv. campestris. Archives of Microbiology, 2010, 192, 331-339.	1.0	41
1066	Effect of osmotic stress on plant growth promoting Pseudomonas spp.. Archives of Microbiology, 2010, 192, 867-876.	1.0	55
1067	Population Dynamics and Identification of Endophytic Bacteria Antagonistic Toward Plant-Pathogenic Fungi in Cotton Root. Microbial Ecology, 2010, 59, 344-356.	1.4	39
1068	Effects of Liming on Potential Oxalate Secretion and Iron Chelation of Beech Ectomycorrhizal Root Tips. Microbial Ecology, 2010, 60, 331-339.	1.4	9
1069	Isolation and characterization of plant growth promoting endophytic bacterial isolates from root nodule of Lespedeza sp.. Biology and Fertility of Soils, 2010, 46, 807-816.	2.3	124
1070	Proteomic and transcriptomic characterization of a virulence-deficient phosphatidylcholine-negative Agrobacterium tumefaciens mutant. Molecular Genetics and Genomics, 2010, 283, 575-589.	1.0	30
1071	Disease suppression and crop improvement in moong beans (Vigna radiata) through Pseudomonas and Burkholderia strains isolated from semi arid region of Rajasthan, India. BioControl, 2010, 55, 799-810.	0.9	29
1072	Assessment of genetic and functional relationship of antagonistic fluorescent pseudomonads of rice rhizosphere by repetitive sequence, protein coding sequence and functional gene analyses. Journal of Microbiology, 2010, 48, 715-727.	1.3	21
1073	Diversity of endophytic bacteria in ginseng and their potential for plant growth promotion. Journal of Microbiology, 2010, 48, 559-565.	1.3	176
1074	Characterization of indigenous copper-resistant Streptomycetes from chickpea (Cicer arietinum L.) fields. Annals of Microbiology, 2010, 60, 605-614.	1.1	5
1075	Evaluation of Probiotic Characteristics of Siderophoregenic Bacillus spp. Isolated from Dairy Waste. Applied Biochemistry and Biotechnology, 2010, 160, 140-155.	1.4	37
1076	Growth promotion of wheat seedlings by Exiguobacterium acetylicum 1P (MTCC 8707) a cold tolerant bacterial strain from the Uttarakhand Himalayas. Indian Journal of Microbiology, 2010, 50, 50-56.	1.5	73
1077	Growth and siderophores production in Alcaligenes faecalis is regulated by metal ions. Indian Journal of Microbiology, 2010, 50, 179-182.	1.5	33
1078	Yersinia ironomics: comparison of iron transporters among Yersinia pestis biotypes and its nearest neighbor, Yersinia pseudotuberculosis. BioMetals, 2010, 23, 275-294.	1.8	33

#	Article	IF	Citations
1079	Plasma membrane ferric reductase activity of iron-limited algal cells is inhibited by ferric chelators. BioMetals, 2010, 23, 1029-1042.	1.8	9
1080	Characterization of Pseudomonas aeruginosa RM-3 as a Potential Biocontrol Agent. Mycopathologia, 2010, 170, 181-193.	1.3	39
1081	Quantitative changes of plant defense enzymes and phytohormone in biocontrol of cucumber Fusarium wilt by Bacillus subtilis B579. World Journal of Microbiology and Biotechnology, 2010, 26, 675-684.	1.7	99
1082	Isolation, evaluation and characterization of Bacillus subtilis from cotton rhizospheric soil with biocontrol activity against Fusarium oxysporum. World Journal of Microbiology and Biotechnology, 2010, 26, 1187-1194.	1.7	72
1083	Isolation and characterization of plant growth promoting bacteria from non-rhizospheric soil and their effect on cowpea (Vigna unguiculata (L.) Walp.) seedling growth. World Journal of Microbiology and Biotechnology, 2010, 26, 1233-1240.	1.7	86
1084	Biocontrol potential of an endophytic Serratia sp. G3 and its mode of action. World Journal of Microbiology and Biotechnology, 2010, 26, 1465-1471.	1.7	47
1085	Evaluation of the biological control by the yeast Torulaspora globosa against Colletotrichum sublineolum in sorghum. World Journal of Microbiology and Biotechnology, 2010, 26, 1491-1502.	1.7	47
1086	Genetic diversity and plant-growth related features of Burkholderia spp. from sugarcane roots. World Journal of Microbiology and Biotechnology, 2010, 26, 1829-1836.	1.7	66
1087	Root colonization and growth enhancement in wheat and tomato by rhizobacteria isolated from the rhizoplane of grasses. World Journal of Microbiology and Biotechnology, 2010, 26, 1837-1846.	1.7	59
1088	Plant growth-promoting activity in newly isolated Bacillus thioparus (NII-0902) from Western ghat forest, India. World Journal of Microbiology and Biotechnology, 2010, 26, 2277-2283.	1.7	24
1089	Effects of genetically modified potatoes with increased zeaxanthin content on the abundance and diversity of rhizobacteria with in vitro antagonistic activity do not exceed natural variability among cultivars. Plant and Soil, 2010, 326, 437-452.	1.8	36
1090	Phosphate-solubilizing peanut associated bacteria: screening for plant growth-promoting activities. Plant and Soil, 2010, 329, 421-431.	1.8	157
1091	Induction of toluene degradation and growth promotion in corn and wheat by horizontal gene transfer within endophytic bacteria. Soil Biology and Biochemistry, 2010, 42, 1051-1057.	4.2	67
1092	Assessment of the plant growth promotion abilities of six bacterial isolates using Zea mays as indicator plant. Soil Biology and Biochemistry, 2010, 42, 1229-1235.	4.2	273
1093	Transcriptome profiling of a Sinorhizobium meliloti fadD mutant reveals the role of rhizobactin 1021 biosynthesis and regulation genes in the control of swarming. BMC Genomics, 2010, 11, 157.	1.2	44
1094	Identification of a siderophore utilization locus in nontypeable Haemophilus influenzae. BMC Microbiology, 2010, 10, 113.	1.3	14
1095	Colonization of Morus alba L. by the plant-growth-promoting and antagonistic bacterium Burkholderia cepacia strain Lu10-1. BMC Microbiology, 2010, 10, 243.	1.3	40
1096	The role of sigma factor RpoH1 in the pH stress response of Sinorhizobium meliloti. BMC Microbiology, 2010, 10, 265.	1.3	51

#	Article	IF	Citations
1097	Role of extracellular compounds in Cd-sequestration relative to Cd uptake by bacterium Sinorhizobium meliloti. Environmental Pollution, 2010, 158, 2561-2565.	3.7	28
1098	Wilt disease management and enhancement of growth and yield of Cajanus cajan (L) var. Manak by bacterial combinations amended with chemical fertilizer. Crop Protection, 2010, 29, 591-598.	1.0	109
1099	Biological control of Macrophomina phaseolina by chemotactic fluorescent Pseudomonas aeruginosa PN1 and its plant growth promotory activity in chir-pine. Crop Protection, 2010, 29, 1142-1147.	1.0	52
1100	Evaluation of arbuscular mycorrhizal fungus, fluorescent Pseudomonas and Trichoderma harzianum formulation against Fusarium oxysporum f. sp. lycopersici for the management of tomato wilt. Biological Control, 2010, 53, 24-31.	1.4	179
1101	Standardization of liquid formulation of Pseudomonas fluorescens Pf1 for its efficacy against Fusarium wilt of tomato. Biological Control, 2010, 54, 83-89.	1.4	122
1102	Spectral and thermodynamic properties of methanobactin from Î³-proteobacterial methane oxidizing bacteria: A case for copper competition on a molecular level. Journal of Inorganic Biochemistry, 2010, 104, 1240-1247.	1.5	46
1103	Isolation and characterization of novel plant growth promoting Micrococcus sp NII-0909 and its interaction with cowpea. Plant Physiology and Biochemistry, 2010, 48, 987-992.	2.8	127
1104	Keratinolytic enzyme-mediated biodegradation of recalcitrant feather by a newly isolated Xanthomonas sp. P5. Polymer Degradation and Stability, 2010, 95, 1969-1977.	2.7	37
1105	Arsenic release from gold mine rocks mediated by the activity of indigenous bacteria. Hydrometallurgy, 2010, 104, 437-442.	1.8	41
1106	Biosynthesis of the Putative Siderophore Erythrochelin Requires Unprecedented Crosstalk between Separate Nonribosomal Peptide Gene Clusters. Chemistry and Biology, 2010, 17, 160-173.	6.2	79
1107	Siderophores from Neighboring Organisms Promote the Growth of Uncultured Bacteria. Chemistry and Biology, 2010, 17, 254-264.	6.2	378
1108	Genetic diversity and characterization of heavy metal-resistant-endophytic bacteria from two copper-tolerant plant species on copper mine wasteland. Bioresource Technology, 2010, 101, 501-509.	4.8	238
1109	Styrylpyrones from the medicinal fungus Phellinus baumii and their antioxidant properties. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5459-5461.	1.0	55
1110	SIDEROPHORE-INDEPENDENT IRON UPTAKE BY IRON-LIMITED CELLS OF THE CYANOBACTERIUM ANABAENA FLOS-AQUAE1. Journal of Phycology, 2010, 46, 947-957.	1.0	15
1111	Microarray analysis of a microbeâ€“mineral interaction. Geobiology, 2010, 8, 446-456.	1.1	37
1112	Competitive exclusion as a mode of action of a novel Bacillus cereus aquaculture biological agent. Letters in Applied Microbiology, 2010, 50, 563-570.	1.0	60
1113	THE EFFECT OF ELEVATED MUTATION RATES ON THE EVOLUTION OF COOPERATION AND VIRULENCE OFPSEUDOMONAS AERUGINOSA. Evolution; International Journal of Organic Evolution, 2010, 64, 515-521.	1.1	32
1114	Bacterial diversity on the surface of potato tubers in soil and the influence of the plant genotype. FEMS Microbiology Ecology, 2010, 74, 114-123.	1.3	46

#	Article	IF	Citations
1115	The Tat pathway of plant pathogen Dickeya dadantii 3937 contributes to virulence and fitness. FEMS Microbiology Letters, 2010, 302, 151-158.	0.7	8
1116	A new antibacterial and antioxidant S07-2 compound produced byBacillus subtilisâ€ƒB38. FEMS Microbiology Letters, 2010, 303, 176-182.	0.7	15
1117	Genomic and phenotypic characterization of a nonpigmented variant of Pantoea vagansâ€ƒbiocontrol strain C9-1 lacking the 530-kb megaplasmid pPag3. FEMS Microbiology Letters, 2010, 308, 48-54.	0.7	27
1118	Methanotrophs and copper. FEMS Microbiology Reviews, 2010, 34, 496-531.	3.9	617
1119	Erythrochelin â€“ a hydroxamateâ€type siderophore predicted from the genome of Saccharopolysporaâ€ƒerythraea. FEBS Journal, 2010, 277, 663-676.	2.2	50
1120	Identification and characterization of a Vibrio mimicus gene encoding the heme/hemoglobin receptor. Microbiology and Immunology, 2010, 54, 606-617.	0.7	9
1121	Enhanced colonization and pathogenicity of Erwinia amylovora strains transformed with the nearâ€ubiquitous pEA29 plasmid on pear and apple. Plant Pathology, 2010, 59, 252-261.	1.2	13
1122	Differential effects and interactions of endogenous and horizontally acquired Hâ€NSâ€like proteins in pathogenic Escherichia coli. Molecular Microbiology, 2010, 75, 280-293.	1.2	41
1123	Elucidation of the complete ferrichrome A biosynthetic pathway in Ustilago maydis. Molecular Microbiology, 2010, 75, 1260-1271.	1.2	68
1124	Photorhabdus phase variants express a novel fimbrial locus, mad, essential for symbiosis. Molecular Microbiology, 2010, 77, 1021-1038.	1.2	45
1125	Proteobactin and a yersiniabactinâ€related siderophore mediate iron acquisition in Proteus mirabilis. Molecular Microbiology, 2010, 78, 138-157.	1.2	63
1126	Aspergillus fumigatus AcuM regulates both iron acquisition and gluconeogenesis. Molecular Microbiology, 2010, 78, 1038-1054.	1.2	53
1127	Biocontrol bacteria selected by a direct plant protection strategy against avocado white root rot show antagonism as a prevalent trait. Journal of Applied Microbiology, 2010, 109, 65-78.	1.4	42
1128	The bacterial genus Collimonas: mycophagy, weathering and other adaptive solutions to life in oligotrophic soil environments. Environmental Microbiology, 2010, 12, 281-292.	1.8	118
1129	Shewanella oneidensis MRâ€1 mutants selected for their inability to produce soluble organicâ€Fe(III) complexes are unable to respire Fe(III) as anaerobic electron acceptor. Environmental Microbiology, 2010, 12, 938-950.	1.8	38
1130	Fitness correlates with the extent of cheating in a bacterium. Journal of Evolutionary Biology, 2010, 23, 738-747.	0.8	83
1131	Diversity of Bacteria Associated with Bursaphelenchus xylophilus and Other Nematodes Isolated from Pinus pinaster Trees with Pine Wilt Disease. PLoS ONE, 2010, 5, e15191.	1.1	81
1132	Isolation and characterization of two plant growth-promoting bacteria from the rhizoplane of a legume (Lupinus albescens) in sandy soil. Revista Brasileira De Ciencia Do Solo, 2010, 34, 361-369.	0.5	23

#	Article	IF	Citations
1133	RizobactÃ©rias formadoras de endÃ³sporos associadas a Tibouchina urvilleana de Ã¡reas impactadas por rejeitos da mineraÃ§Ã£o do carvÃ£o. Revista Brasileira De Ciencia Do Solo, 2010, 34, 563-567.	0.5	6
1134	Biological control of potato black scurf by rhizosphere associated bacteria. Brazilian Journal of Microbiology, 2010, 41, 439-451.	0.8	41
1135	Stereospecific recognition of pyochelin and enantio-pyochelin by the PchR proteins in fluorescent pseudomonads. Microbiology (United Kingdom), 2010, 156, 1772-1782.	0.7	16
1136	Role of the FeoB Protein and Siderophore in Promoting Virulence ofXanthomonas oryzaepv. oryzae on Rice. Journal of Bacteriology, 2010, 192, 3187-3203.	1.0	106
1137	ThefslEHomolog,FTL_0439(fupA/B), Mediates Siderophore-Dependent Iron Uptake inFrancisella tularensisLVS. Infection and Immunity, 2010, 78, 4276-4285.	1.0	36
1138	Characterization of the Contribution to Virulence of Three Large Plasmids of Avian Pathogenic Escherichia coli Ï‡7122 (O78:K80:H9). Infection and Immunity, 2010, 78, 1528-1541.	1.0	65
1139	Commonalities and Differences in Regulation of N -Acyl Homoserine Lactone Quorum Sensing in the Beneficial Plant-Associated Burkholderia Species Cluster. Applied and Environmental Microbiology, 2010, 76, 4302-4317.	1.4	55
1140	The BpeAB-OprB Efflux Pump of Burkholderia pseudomallei 1026b Does Not Play a Role in Quorum Sensing, Virulence Factor Production, or Extrusion of Aminoglycosides but Is a Broad-Spectrum Drug Efflux System. Antimicrobial Agents and Chemotherapy, 2010, 54, 3113-3120.	1.4	97
1141	Construction of Recombinant Attenuated Salmonella enterica Serovar Typhimurium Vaccine Vector Strains for Safety in Newborn and Infant Mice. Vaccine Journal, 2010, 17, 354-362.	3.2	33
1142	Fine-Tuning Synthesis ofYersinia pestisLcrV from Runaway-Like Replication Balanced-Lethal Plasmid in aSalmonella entericaSerovar Typhimurium Vaccine Induces Protection against a LethalY. pestisChallenge in Mice. Infection and Immunity, 2010, 78, 2529-2543.	1.0	25
1143	The Type 2 Secretion Pseudopilin, gspJ , Is Required for Multihost Pathogenicity of Burkholderia cenocepacia AU1054. Infection and Immunity, 2010, 78, 4110-4121.	1.0	17
1144	Role of Porins in Iron Uptake byMycobacterium smegmatis. Journal of Bacteriology, 2010, 192, 6411-6417.	1.0	62
1145	Plant Fe status affects the composition of siderophore-secreting microbes in the rhizosphere. Annals of Botany, 2010, 105, 835-841.	1.4	87
1146	Roles of Siderophores, Oxalate, and Ascorbate in Mobilization of Iron from Hematite by the Aerobic Bacterium Pseudomonas mendocina. Applied and Environmental Microbiology, 2010, 76, 2041-2048.	1.4	60
1147	Interplay between Iron Homeostasis and the Osmotic Stress Response in the Halophilic Bacterium Chromohalobacter salexigens. Applied and Environmental Microbiology, 2010, 76, 3575-3589.	1.4	49
1148	Gene Cluster Involved in the Biosynthesis of Griseobactin, a Catechol-Peptide Siderophore of Streptomyces sp. ATCC 700974. Journal of Bacteriology, 2010, 192, 426-435.	1.0	77
1149	The Multi-Copper-Ion Oxidase CueO of Salmonella enterica Serovar Typhimurium Is Required for Systemic Virulence. Infection and Immunity, 2010, 78, 2312-2319.	1.0	98
1150	The adsorption strategies for iron of anabaena flos-aquae, oscillatoria mougeotii and scenedesmus quadricauda. , 2010, , .		0

#	Article	IF	Citations
1151	The v-myc-induced Q83 Lipocalin Is a Siderocalin. Journal of Biological Chemistry, 2010, 285, 41646-41652.	1.6	23
1152	Impact of Siderophore Production by Pseudomonas syringae pv. syringae 22d/93 on Epiphytic Fitness and Biocontrol Activity against Pseudomonas syringae pv. glycinea 1a/96. Applied and Environmental Microbiology, 2010, 76, 2704-2711.	1.4	52
1153	Acquisition of Iron by Alkaliphilic Bacillus Species. Applied and Environmental Microbiology, 2010, 76, 6955-6961.	1.4	33
1154	Siderophores Are Not Involved in Fe(III) Solubilization during Anaerobic Fe(III) Respiration by Shewanella oneidensis MR-1. Applied and Environmental Microbiology, 2010, 76, 2425-2432.	1.4	39
1155	A novel role for a TonB-family protein and photoregulation of iron acclimation inFremyella diplosiphon. Plant Signaling and Behavior, 2010, 5, 851-853.	1.2	5
1156	Characterization of Serratia sp. K1RP-49 for Application to the Rhizoremediation of Heavy Metals. , 2010, , 3-13.		2
1157	Fractionation of Gallotannins from Mango (Mangifera indicaL.) Kernels by High-Speed Counter-Current Chromatography and Determination of Their Antibacterial Activity. Journal of Agricultural and Food Chemistry, 2010, 58, 775-780.	2.4	65
1158	Phytoprotective influence of bacteria on growth and cadmium accumulation in the aquatic plant Lemna minor. Water Research, 2010, 44, 4970-4979.	5.3	39
1159	Characterization of copper-resistant bacteria and assessment of bacterial communities in rhizosphere soils of copper-tolerant plants. Applied Soil Ecology, 2010, 44, 49-55.	2.1	126
1160	Stimulatory effect of phosphate-solubilizing bacteria on plant growth, stevioside and rebaudioside-A contents of Stevia rebaudiana Bertoni. Applied Soil Ecology, 2010, 46, 222-229.	2.1	101
1161	Application of plant growth-promoting endophytes (PGPE) isolated from Solanum nigrum L. for phytoextraction of Cd-polluted soils. Applied Soil Ecology, 2010, 46, 383-389.	2.1	158
1162	An assay for screening microbial cultures for chalkophore production. Environmental Microbiology Reports, 2010, 2, 295-303.	1.0	43
1163	Mobilization of metals from uranium mine waste: the role of pyoverdines produced by Pseudomonas fluorescens. Geobiology, 2010, 8, 278-292.	1.1	30
1164	Siderophore production and utilization by milk spoilage Pseudomonas species. Journal of Dairy Science, 2010, 93, 1355-1363.	1.4	8
1165	Mutation of nfxB Causes Global Changes in the Physiology and Metabolism of Pseudomonas aeruginosa. Journal of Proteome Research, 2010, 9, 2957-2967.	1.8	83
1166	Biocontrol of root-knot nematodeMeloidogyne incognitaby the isolates ofPseudomonason tomato. Archives of Phytopathology and Plant Protection, 2010, 43, 1423-1434.	0.6	16
1167	Vanchrobactin and Anguibactin Siderophores Produced by Vibrio sp. DS40M4. Journal of Natural Products, 2010, 73, 1038-1043.	1.5	45
1168	FdTonB is involved in the photoregulation of cellular morphology during complementary chromatic adaptation in Fremyella diplosiphon. Microbiology (United Kingdom), 2010, 156, 731-741.	0.7	29

#	Article	IF	Citations
1169	Paenibacillus riograndensis sp. nov., a nitrogen-fixing species isolated from the rhizosphere of Triticum aestivum. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 128-133.	0.8	74
1170	Salkowskiâ€™s Reagent Test as a Primary Screening Index for Functionalities of Rhizobacteria Isolated from Wild Dipterocarp Saplings Growing Naturally on Medium-Strongly Acidic Tropical Peat Soil. Bioscience, Biotechnology and Biochemistry, 2010, 74, 2202-2208.	0.6	103
1171	N^{Î±}-methyl coprogen B, a potential marker of the airway colonization byScedosporium apiospermumin patients with cystic fibrosis. Medical Mycology, 2010, 48, S98-S107.	0.3	25
1172	Deletion of a fur -Like Gene Affects Iron Homeostasis and Magnetosome Formation in Magnetospirillum gryphiswaldense. Journal of Bacteriology, 2010, 192, 4192-4204.	1.0	64
1173	Weathering-Associated Bacteria from the Damma Glacier Forefield: Physiological Capabilities and Impact on Granite Dissolution. Applied and Environmental Microbiology, 2010, 76, 4788-4796.	1.4	186
1174	The effects of metabolite molecules produced by drinking water-isolated bacteria on their single and multispecies biofilms. Biofouling, 2011, 27, 685-699.	0.8	21
1175	Acidovorax radicis sp. nov., a wheat-root-colonizing bacterium. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2589-2594.	0.8	48
1176	Growth promotion and disease suppression ability ofPseudomonas fluorescensin acid lime. Archives of Phytopathology and Plant Protection, 2011, 44, 943-950.	0.6	5
1177	Biosynthesis of the Siderophore Rhodochelin Requires the Coordinated Expression of Three Independent Gene Clusters in Rhodococcus jostii RHA1. Journal of the American Chemical Society, 2011, 133, 4587-4595.	6.6	55
1178	The Phytopathogen Pseudomonas syringae pv. tomato DC3000 Has Three High-Affinity Iron-Scavenging Systems Functional under Iron Limitation Conditions but Dispensable for Pathogenesis. Journal of Bacteriology, 2011, 193, 2767-2775.	1.0	58
1179	Sharing of quorum-sensing signals and role of interspecies communities in a bacterial plant disease. ISME Journal, 2011, 5, 1857-1870.	4.4	133
1180	Combined treatment of Pseudomonas aeruginosa biofilm with lactoferrin and xylitol inhibits the ability of bacteria to respond to damage resulting from lactoferrin iron chelation. International Journal of Antimicrobial Agents, 2011, 37, 316-323.	1.1	33
1181	Physical and Chemical Deterioration of Silicate and Carbonate Rocks by Meristematic Microcolonial Fungi and Endolithic Lichens (Chaetothyriomycetidae). Geomicrobiology Journal, 2011, 28, 732-744.	1.0	51
1182	Structure and Biosynthesis of Amychelin, an Unusual Mixed-Ligand Siderophore from Amycolatopsis sp. AA4. Journal of the American Chemical Society, 2011, 133, 11434-11437.	6.6	103
1183	Comparative plant growth promoting traits and distribution of rhizobacteria associated with heavy metals in contaminated soils. International Journal of Environmental Science and Technology, 2011, 8, 807-816.	1.8	19
1184	Advances in Mycobacterium siderophore-based drug discovery. Acta Pharmaceutica Sinica B, 2011, 1, 8-13.	5.7	23
1185	Combining Pseudomonas, Bacillus and Trichoderma strains with organic amendments and micronutrient to enhance suppression of collar and root rot disease in physic nut. Applied Soil Ecology, 2011, 49, 215-223.	2.1	42
1186	Enhancement by gonyautoxin V of the iron(III) reducing or binding activity produced by the dinoflagellate, Alexandrium excavatum. Harmful Algae, 2011, 10, 706-712.	2.2	0

#	Article	IF	Citations
1187	The siderophore-producing bacterium, Bacillus subtilis CAS15, has a biocontrol effect on Fusarium wilt and promotes the growth of pepper. European Journal of Soil Biology, 2011, 47, 138-145.	1.4	322
1188	Effect of Cd concentration in growth media on Secale cereale roots and Cd interaction with rhizosphere microorganisms originating from different parts of the grain. European Journal of Soil Biology, 2011, 47, 95-101.	1.4	14
1189	Streptobactin, a Tricatechol-Type Siderophore from Marine-Derived Streptomyces sp. YM5-799. Journal of Natural Products, 2011, 74, 2371-2376.	1.5	36
1190	Chrysobactin Siderophores Produced by Dickeya chrysanthemi EC16. Journal of Natural Products, 2011, 74, 1207-1212.	1.5	36
1191	ACC deaminase activity in avirulentAgrobacterium tumefaciensD3. Canadian Journal of Microbiology, 2011, 57, 278-286.	0.8	34
1192	Paracoccus sphaerophysae sp. nov., a siderophore-producing, endophytic bacterium isolated from root nodules of Sphaerophysa salsula. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 665-669.	0.8	47
1193	Identification of a new protective antigen of Bordetella pertussis. Vaccine, 2011, 29, 8731-8739.	1.7	26
1194	Genome-assisted identification of putative iron-utilization genes in Acinetobacter baumannii and their distribution among a genotypically diverse collection of clinical isolates. Research in Microbiology, 2011, 162, 279-284.	1.0	133
1195	Radionuclide Geomicrobiology of the Deep Biosphere. Geomicrobiology Journal, 2011, 28, 540-561.	1.0	31
1196	Identification and analysis of the gene cluster involved in biosynthesis of paenibactin, a catecholate siderophore produced by Paenibacillus elgii B69. Environmental Microbiology, 2011, 13, 2726-2737.	1.8	42
1197	Isolation and characterization of rock phosphate solubilizing actinobacteria from a Togolese phosphate mine. African Journal of Biotechnology, 2011, 11, .	0.3	15
1198	DUAL APPLICATION OF BACILLUS PUMILUS AND GLOMUS MOSSEAE FOR IMPROVEMENT OF HEALTH STATUS OF MANDARIN PLANTS. Acta Horticulturae, 2011, , 215-230.	0.1	5
1199	Mecanismos de controle da murcha-de-esclerÃ³cio e promoÃ§Ã£o de crescimento em tomateiro mediados por rizobactÃ©rias. Tropical Plant Pathology, 2011, 36, 95-103.	0.8	7
1200	Using Ecological Knowledge and Molecular Tools to Develop Effective and Safe Biocontrol Strategies. , 2011, , .		3
1201	Identification and characterization of the endophytic plant growth prompter Bacillus Cereus strain mq23 isolated from Sophora Alopecuroides root nodules. Brazilian Journal of Microbiology, 2011, 42, 567-575.	0.8	36
1202	Evaluation of inoculation of plant growth-promoting rhizobacteria on cadmium and lead uptake by canola and barley. African Journal of Microbiology Research, 2011, 5, .	0.4	9
1203	Biocontrol of charcoal-rot of sorghum by actinomycetes isolated from herbal vermicompost. African Journal of Biotechnology, 2011, 10, .	0.3	8
1204	A simple double-layered chrome azurol S agar (SD-CASA) plate assay to optimize the production of siderophores by a potential biocontrol agent Bacillus. African Journal of Microbiology Research, 2011, 5, .	0.4	22

#	Article	IF	Citations
1205	Genetic and functional diversity of Bacillus strains in the soils long-term irrigated with paper and pulp mill effluent. Journal of General and Applied Microbiology, 2011, 57, 183-195.	0.4	16
1206	Wider Access to Genotypic Space Facilitates Loss of Cooperation in a Bacterial Mutator. PLoS ONE, 2011, 6, e17254.	1.1	7
1207	Deciphering the Multifactorial Nature of Acinetobacter baumannii Pathogenicity. PLoS ONE, 2011, 6, e22674.	1.1	196
1208	A Naturally Associated Rhizobacterium of Arabidopsis thaliana Induces a Starvation-Like Transcriptional Response while Promoting Growth. PLoS ONE, 2011, 6, e29382.	1.1	44
1209	Staphylococcus aureus Transporters Hts, Sir, and Sst Capture Iron Liberated from Human Transferrin by Staphyloferrin A, Staphyloferrin B, and Catecholamine Stress Hormones, Respectively, and Contribute to Virulence. Infection and Immunity, 2011, 79, 2345-2355.	1.0	115
1210	Use of Blue Agar CAS Assay for Siderophore Detection. Journal of Microbiology and Biology Education, 2011, 12, 51-53.	0.5	329
1211	Siderophore production by Gram-negative rods isolated from human polymicrobial infections. Biological Letters, 2011, 48, 147-157.	0.6	2
1212	Microevolution of the major common Pseudomonas aeruginosa clones C and PA14 in cystic fibrosis lungs. Environmental Microbiology, 2011, 13, 1690-1704.	1.8	136
1213	The role of reduction in iron uptake processes in a unicellular, planktonic cyanobacterium. Environmental Microbiology, 2011, 13, 2990-2999.	1.8	105
1214	Phosphate-solubilization mechanism and in vitro plant growth promotion activity mediated by Pantoea eucalypti isolated from Lotus tenuis rhizosphere in the Salado River Basin (Argentina). Journal of Applied Microbiology, 2011, 110, 1151-1165.	1.4	90
1215	Pseudomonas sp. M174 inhibits the fish pathogen Flavobacterium psychrophilum. Journal of Applied Microbiology, 2011, 111, 266-277.	1.4	58
1216	In vitro analyses are not reliable predictors of the plant growth promotion capability of bacteria; a Pseudomonas fluorescens strain that promotes the growth and yield of wheat. Journal of Applied Microbiology, 2011, 111, 683-692.	1.4	50
1217	Effect of applying an arsenic-resistant and plant growth-promoting rhizobacterium to enhance soil arsenic phytoremediation by Populus deltoides LH05-17. Journal of Applied Microbiology, 2011, 111, 1065-1074.	1.4	142
1218	Inhibitory activity of Pseudomonas sp. on Flavobacterium psychrophilum, in vitro. Journal of Fish Diseases, 2011, 34, 255-264.	0.9	24
1219	Chromosomal instability in enterohaemorrhagic Escherichia coli O157:H7: impact on adherence, tellurite resistance and colony phenotype. Molecular Microbiology, 2011, 79, 1024-1044.	1.2	29
1220	Secretion, but not overall synthesis, of catecholate siderophores contributes to virulence of extraintestinal pathogenic Escherichia coli. Molecular Microbiology, 2011, 80, 266-282.	1.2	60
1221	The Vibrio cholerae VctPDGC system transports catechol siderophores and a siderophoreâ€free iron ligand. Molecular Microbiology, 2011, 81, 1446-1458.	1.2	28
1222	The MAP kinase MpkA controls cell wall integrity, oxidative stress response, gliotoxin production and iron adaptation in Aspergillus fumigatus. Molecular Microbiology, 2011, 82, 39-53.	1.2	125

#	Article	IF	Citations
1223	Novel root nodule bacteria belonging to the genus Caulobacter. Letters in Applied Microbiology, 2011, 53, 587-591.	1.0	7
1224	The Vibrio parahaemolyticuspvuA1 gene (formerly termed psuA) encodes a second ferric vibrioferrin receptor that requires tonB2. FEMS Microbiology Letters, 2011, 324, 73-79.	0.7	10
1225	Characterization ofStaphylococcus aureusstrains involved in human and bovine mastitis. FEMS Immunology and Medical Microbiology, 2011, 62, 225-235.	2.7	59
1226	Liquid extraction of low molecular mass organic acids and hydroxamate siderophores from boreal forest soil. Soil Biology and Biochemistry, 2011, 43, 2417-2422.	4.2	35
1227	Methylobacterium bullatum sp. nov., a methylotrophic bacterium isolated from Funaria hygrometrica. Systematic and Applied Microbiology, 2011, 34, 482-486.	1.2	22
1228	Non-ribosomal peptides produced by Brazilian cyanobacterial isolates with antimicrobial activity. Microbiological Research, 2011, 166, 161-175.	2.5	81
1229	A comparison of Fe bioavailability and binding of a catecholate siderophore with virus-mediated lysates from the marine bacterium Vibrio alginolyticus PWH3a. Journal of Experimental Marine Biology and Ecology, 2011, 399, 43-47.	0.7	48
1230	Inoculation of endophytic bacteria on host and non-host plantsâ€"Effects on plant growth and Ni uptake. Journal of Hazardous Materials, 2011, 195, 230-237.	6.5	312
1231	Fe(III)-complexes of the tripodal trishydroxamate siderophore basidiochrome: Potential biological implications. Journal of Inorganic Biochemistry, 2011, 105, 1670-1674.	1.5	7
1232	Detection of hydroxamate siderophores in coastal and Sub-Antarctic waters off the South Eastern Coast of New Zealand. Marine Chemistry, 2011, 126, 97-107.	0.9	81
1233	Culturable bacteria in hydroponic cultures of moss Racomitrium japonicum and their potential as biofertilizers for moss production. Journal of Bioscience and Bioengineering, 2011, 112, 32-39.	1.1	24
1234	Isolation and characterization of chitinolytic rhizobacteria for the management of Fusarium wilt in tomato. Crop Protection, 2011, 30, 1606-1612.	1.0	49
1235	Evaluation of actinomycete isolates obtained from herbal vermicompost for the biological control of Fusarium wilt of chickpea. Crop Protection, 2011, 30, 1070-1078.	1.0	184
1236	Effect of plant growth promoting rhizobia on seed germination, growth promotion and suppression of Fusarium wilt of fenugreek (Trigonella foenum-graecum L.). Crop Protection, 2011, 30, 1396-1403.	1.0	44
1237	Influence of iron-chelated growth conditions on outer membrane protein production and virulence of Vibrio tubiashii. Food Microbiology, 2011, 28, 1409-1413.	2.1	3
1238	Evidence on manganese peroxidase and tyrosinase expression during decolorization of textile industry dyes by Trichosporon akiyoshidainum. International Biodeterioration and Biodegradation, 2011, 65, 1199-1207.	1.9	30
1239	Biological management of vascular wilt of tomato caused by Fusarium oxysporum f.sp. lycospersici by plant growth-promoting rhizobacterial mixture. Biological Control, 2011, 57, 85-93.	1.4	98
1240	Leaf blast (Magnaporthe oryzae) suppression and growth promotion by rhizobacteria on aerobic rice in Brazil. Biological Control, 2011, 58, 160-166.	1.4	100

#	Article	IF	Citations
1241	Characterization of ACC deaminase-producing endophytic bacteria isolated from copper-tolerant plants and their potential in promoting the growth and copper accumulation of Brassica napus. Chemosphere, 2011, 83, 57-62.	4.2	184
1242	Analysis and characterization of cultivable heavy metal-resistant bacterial endophytes isolated from Cd-hyperaccumulator Solanum nigrum L. and their potential use for phytoremediation. Chemosphere, 2011, 85, 1130-1138.	4.2	216
1243	Brachybacterium saurashtrense sp. nov., a halotolerant root-associated bacterium with plant growth-promoting potential. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2799-2804.	0.8	80
1244	Knockout and pullout recombineering for naturally transformable Burkholderia thailandensis and Burkholderia pseudomallei. Nature Protocols, 2011, 6, 1085-1104.	5.5	37
1245	Diversity analysis of pseudomonads in rice rhizosphere for multifaceted plant growth promotion. Acta Microbiologica Et Immunologica Hungarica, 2011, 58, 247-258.	0.4	1
1246	Growth enhancement of black pepper (Piper nigrum) by a newly isolated Bacillus tequilensis NII-0943. Biologia (Poland), 2011, 66, 801-806.	0.8	15
1247	Microbial communities in sugarcane field soils with and without a sugarcane cropping history. Plant and Soil, 2011, 341, 63-73.	1.8	16
1248	Rhizoremediation of diesel-contaminated soil using the plant growth-promoting rhizobacterium Gordonia sp. S2RP-17. Biodegradation, 2011, 22, 593-601.	1.5	92
1249	Identification of new members within suites of amphiphilic marine siderophores. BioMetals, 2011, 24, 85-92.	1.8	34
1250	TonB-dependent outer-membrane proteins and siderophore utilization in Pseudomonas fluorescens Pf-5. BioMetals, 2011, 24, 193-213.	1.8	45
1251	Genetic and biochemical analyses of chromosome and plasmid gene homologues encoding ICL and ArCP domains in Vibrio anguillarum strain 775. BioMetals, 2011, 24, 629-643.	1.8	7
1252	Endophytic and rhizoplane bacteria associated with Cytisus striatus growing on hexachlorocyclohexane-contaminated soil: isolation and characterisation. Plant and Soil, 2011, 340, 413-433.	1.8	69
1253	Screening for candidate bacterial biocontrol agents against soilborne fungal plant pathogens. Plant and Soil, 2011, 340, 505-520.	1.8	143
1254	Functionally diverse rhizobacteria of Saccharum munja (a native wild grass) colonizing abandoned morrum mine in Aravalli hills (Delhi). Plant and Soil, 2011, 341, 447-459.	1.8	37
1255	Microbial communities associated with the root system of wild olives (Olea europaea L. subsp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18 Verticillium dahliae. Plant and Soil, 2011, 343, 329-345.	1.8	89
1256	Analysis of the endophytic lifestyle and plant growth promotion of Burkholderia terricola ZR2-12. Plant and Soil, 2011, 347, 125-136.	1.8	32
1257	Potential plant growth-promoting activity of Serratia nematodiphila NII-0928 on black pepper (Piper) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	41
1258	Pseudomonas lurida M2RH3 (MTCC 9245), a psychrotolerant bacterium from the Uttarakhand Himalayas, solubilizes phosphate and promotes wheat seedling growth. World Journal of Microbiology and Biotechnology, 2011, 27, 1129-1135.	1.7	83

#	Article	IF	Citations
1259	Isolation and characterization endophytic bacteria from hyperaccumulator Sedum alfredii Hance and their potential to promote phytoextraction of zinc polluted soil. World Journal of Microbiology and Biotechnology, 2011, 27, 1197-1207.	1.7	63
1260	Evaluation of bacteria isolated from rice rhizosphere for biological control of charcoal rot of sorghum caused by Macrophomina phaseolina (Tassi) Goid.. World Journal of Microbiology and Biotechnology, 2011, 27, 1313-1321.	1.7	99
1261	Genetic and metabolic diversity of streptomycetes in pulp and paper mill effluent treated crop fields. World Journal of Microbiology and Biotechnology, 2011, 27, 1603-1613.	1.7	13
1262	Isolation and characterization of rhizobacteria associated with coastal agricultural ecosystem of rhizosphere soils of cultivated vegetable crops. World Journal of Microbiology and Biotechnology, 2011, 27, 1625-1632.	1.7	37
1263	Oxalic acid, versatile peroxidase secretion and chelating ability of Bjerkandera fumosa in rich and limited culture conditions. World Journal of Microbiology and Biotechnology, 2011, 27, 1885-1891.	1.7	21
1264	Effects of inoculation of a plant growth promoting rhizobacterium Burkholderia sp. D54 on plant growth and metal uptake by a hyperaccumulator Sedum alfredii Hance grown on multiple metal contaminated soil. World Journal of Microbiology and Biotechnology, 2011, 27, 2835-2844.	1.7	56
1265	Chemical and structural characterization of hydroxamate siderophore produced by marine Vibrio harveyi. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 265-273.	1.4	20
1266	Genetic and functional diversities of bacterial communities in the rhizosphere of Arachis hypogaea. Antonie Van Leeuwenhoek, 2011, 100, 161-170.	0.7	14
1267	Inoculation of soil by Bacillus subtilis Y-IVI improves plant growth and colonization of the rhizosphere and interior tissues of muskmelon (Cucumis melo L.). Biology and Fertility of Soils, 2011, 47, 507-514.	2.3	47
1268	Salt-tolerant rhizobacteria-mediated induced tolerance in wheat (Triticum aestivum) and chemical diversity in rhizosphere enhance plant growth. Biology and Fertility of Soils, 2011, 47, 907-916.	2.3	189
1269	Effect of Abiotic Stress on Phosphate Solubilization by Biocontrol Fungus Trichoderma sp.. Current Microbiology, 2011, 62, 1521-1526.	1.0	44
1270	Delftia sp. JD2: a potential Cr(VI)-reducing agent with plant growth-promoting activity. Archives of Microbiology, 2011, 193, 63-68.	1.0	57
1271	Azospirillum brasilense siderophores with antifungal activity against Colletotrichum acutatum. Archives of Microbiology, 2011, 193, 275-286.	1.0	137
1272	Plant growth promotion traits of phosphobacteria isolated from Puna, Argentina. Archives of Microbiology, 2011, 193, 489-496.	1.0	47
1273	Alleviation of cold stress in inoculated wheat (Triticum aestivum L.) seedlings with psychrotolerant Pseudomonads from NW Himalayas. Archives of Microbiology, 2011, 193, 497-513.	1.0	128
1274	Dynamics, Diversity and Function of Endophytic Siderophore-Producing Bacteria in Rice. Microbial Ecology, 2011, 61, 606-618.	1.4	175
1275	Isolation and Characterization of Beneficial Bacteria Associated with Citrus Roots in Florida. Microbial Ecology, 2011, 62, 324-336.	1.4	122
1276	Purple-Pigmented Violacein-Producing Duganella spp. Inhabit the Rhizosphere of Wild and Cultivated Olives in Southern Spain. Microbial Ecology, 2011, 62, 446-459.	1.4	39

#	Article	IF	Citations
1277	Isolation and characterization of endophytic bacterium LRE07 from cadmium hyperaccumulator Solanum nigrum L. and its potential for remediation. Applied Microbiology and Biotechnology, 2011, 89, 1637-1644.	1.7	93
1278	Isolation of phosphate solubilizing bacteria and their potential for lead immobilization in soil. Journal of Hazardous Materials, 2011, 185, 829-836.	6.5	190
1279	Characterization of lead-resistant and ACC deaminase-producing endophytic bacteria and their potential in promoting lead accumulation of rape. Journal of Hazardous Materials, 2011, 186, 1720-1725.	6.5	140
1280	Bacillus spp. of Human Origin: A Potential Siderophoregenic Probiotic Bacteria. Applied Biochemistry and Biotechnology, 2011, 164, 386-400.	1.4	24
1281	Chemical Characterization, Crossfeeding and Uptake Studies on Hydroxamate Siderophore of Alcaligenes faecalis. Indian Journal of Microbiology, 2011, 51, 176-181.	1.5	8
1282	Biocontrol Potential of Siderophore Producing Heavy Metal Resistant Alcaligenes sp. and Pseudomonas aeruginosa RZS3 vis-Ã-vis Organophosphorus Fungicide. Indian Journal of Microbiology, 2011, 51, 266-272.	1.5	75
1283	Selection and differentiation of Bacillus spp. Antagonistic to Fusarium oxysporum f.sp. lycopersici and Alternaria solani infecting Tomato. Folia Microbiologica, 2011, 56, 170-177.	1.1	19
1284	Bacterial structure and characterization of plant growth promoting and oil degrading bacteria from the rhizospheres of mangrove plants. Journal of Microbiology, 2011, 49, 535-543.	1.3	33
1285	Identification of multi-trait PGPR isolates and evaluating their potential as inoculants for wheat. Annals of Microbiology, 2011, 61, 893-900.	1.1	165
1286	Herbicide degradation and copper complexation by bacterial mixed cultures from a vineyard stormwater basin. Journal of Soils and Sediments, 2011, 11, 860-873.	1.5	19
1287	SO2426 is a positive regulator of siderophore expression in Shewanella oneidensis MR-1. BMC Microbiology, 2011, 11, 125.	1.3	0
1288	Mutation of L-2,3-diaminopropionic acid synthase genes blocks staphyloferrin B synthesis in Staphylococcus aureus. BMC Microbiology, 2011, 11, 199.	1.3	38
1289	Characterization of pyoverdine and achromobactin in Pseudomonas syringae pv. phaseolicola 1448a. BMC Microbiology, 2011, 11, 218.	1.3	58
1290	The Fur regulon in anaerobically grown Salmonella enterica sv. Typhimurium: identification of new Fur targets. BMC Microbiology, 2011, 11, 236.	1.3	70
1291	Characterisation of two quorum sensing systems in the endophytic Serratia plymuthica strain G3: differential control of motility and biofilm formation according to life-style. BMC Microbiology, 2011, 11, 26.	1.3	58
1292	Role of a Fur homolog in iron metabolism in Nitrosomonas europaea. BMC Microbiology, 2011, 11, 37.	1.3	18
1293	Biological control of red rot in sugarcane by native pyoluteorinâ€producing Pseudomonas putida strain NHâ€50 under field conditions and its potential modes of action. Pest Management Science, 2011, 67, 1147-1154.	1.7	49
1294	Diversity and phylogeny of plant growthâ€promoting bacilli from moderately acidic soil. Journal of Basic Microbiology, 2011, 51, 98-106.	1.8	77

#	Article	IF	Citations
1295	The Frataxin Homologue Fra Plays a Key Role in Intracellular Iron Channeling in Bacillus subtilis. ChemBioChem, 2011, 12, 2052-2061.	1.3	17
1296	Characterization of a copper-resistant symbiotic bacterium isolated from Medicago lupulina growing in mine tailings. Bioresource Technology, 2011, 102, 703-709.	4.8	79
1297	A potential probiotic culture ST2 produces siderophore 2,3-dihydroxybenzoylserine under intestinal conditions. Food Chemistry, 2011, 127, 387-393.	4.2	21
1298	Biodegradation of isoproturon using a novel Pseudomonas aeruginosa strain JS-11 as a multi-functional bioinoculant of environmental significance. Journal of Hazardous Materials, 2011, 185, 938-944.	6.5	29
1299	A Simple Assay for Screening Microorganisms for Chalkophore Production. Methods in Enzymology, 2011, 495, 247-258.	0.4	14
1300	Phosvitin Plays a Critical Role in the Immunity of Zebrafish Embryos via Acting as a Pattern Recognition Receptor and an Antimicrobial Effector. Journal of Biological Chemistry, 2011, 286, 22653-22664.	1.6	83
1301	Cloning and Heterologous Expression of the Vibrioferrin Biosynthetic Gene Cluster from a Marine Metagenomic Library. Bioscience, Biotechnology and Biochemistry, 2011, 75, 2283-2287.	0.6	33
1302	Nickel Solubilizing Capacity and Characterization of Rhizobacteria Isolated from Hyperaccumulating and Non-Hyperaccumulating Subspecies of Alyssum Serpyllifolium. International Journal of Phytoremediation, 2011, 13, 229-244.	1.7	49
1303	The pobA gene of Burkholderia cenocepacia encodes a Group I Sfp-type phosphopantetheinyltransferase required for biosynthesis of the siderophores ornibactin and pyochelin. Microbiology (United Kingdom), 2011, 157, 349-361.	0.7	25
1304	Biosynthesis of a Complex Yersiniabactin-Like Natural Product via the mic Locus in Phytopathogen Ralstonia solanacearum. Applied and Environmental Microbiology, 2011, 77, 6117-6124.	1.4	52
1305	Taking the Escherichia coli TonB Transmembrane Domain â€œOfflineâ€? Nonprotonatable Asn Substitutes Fully for TonB His20. Journal of Bacteriology, 2011, 193, 3693-3701.	1.0	21
1306	Transcriptional Profiling of the Iron Starvation Response in Bordetella pertussis Provides New Insights into Siderophore Utilization and Virulence Gene Expression. Journal of Bacteriology, 2011, 193, 4798-4812.	1.0	68
1307	Fur Negatively Regulates hns and Is Required for the Expression of HilA and Virulence in Salmonella enterica Serovar Typhimurium. Journal of Bacteriology, 2011, 193, 497-505.	1.0	91
1308	Antiparallel and Interlinked Control of Cellular Iron Levels by the Irr and RirA Regulators of Agrobacterium tumefaciens. Journal of Bacteriology, 2011, 193, 3461-3472.	1.0	56
1309	Fur regulation of the capsular polysaccharide biosynthesis and iron-acquisition systems in Klebsiella pneumoniae CG43. Microbiology (United Kingdom), 2011, 157, 419-429.	0.7	58
1310	The Stringent Response Is Essential for Pseudomonas aeruginosa Virulence in the Rat Lung Agar Bead and Drosophila melanogaster Feeding Models of Infection. Infection and Immunity, 2011, 79, 4094-4104.	1.0	67
1311	Phosphate Solubilizing Rhizospherebacterial T21 Isolated from Dongxiang Wild Rice Species Promotes Cultivated Rice Growth. Applied Mechanics and Materials, 2011, 108, 167-175.	0.2	6
1313	Characterization of Putative Virulence Genes on the Related RepFIB Plasmids Harbored by Cronobacter spp. Applied and Environmental Microbiology, 2011, 77, 3255-3267.	1.4	96

#	Article	IF	Citations
1314	Expression of Multidrug Resistance Efflux Pump Gene norA Is Iron Responsive in Staphylococcus aureus. Journal of Bacteriology, 2012, 194, 1753-1762.	1.0	69
1315	Burkholderia pseudomallei Known Siderophores and Hemin Uptake Are Dispensable for Lethal Murine Melioidosis. PLoS Neglected Tropical Diseases, 2012, 6, e1715.	1.3	45
1316	Endophytic Streptomyces spp. as Biocontrol Agents of Rice Bacterial Leaf Blight Pathogen (Xanthomonas oryzae pv. oryzae). HAYATI Journal of Biosciences, 2012, 19, 155-162.	0.1	51
1317	Enhancement of Nodulation and Yield of Chickpea by Co-inoculation of IndigenousMesorhizobiumspp. and Plant Growthâ€“Promoting Rhizobacteria in Eastern Uttar Pradesh. Communications in Soil Science and Plant Analysis, 2012, 43, 605-621.	0.6	53
1318	Interactions of Ocular Isolates of Gram-Negative Bacteria With Lactoferrin. Eye and Contact Lens, 2012, 38, 208-213.	0.8	5
1319	Escherichia coli enterobactin synthesis and uptake mutants are hypersensitive to an antimicrobial peptide that limits the availability of iron in addition to blocking Holliday junction resolution. Microbiology (United Kingdom), 2012, 158, 547-559.	0.7	13
1320	Influence of Temperature on the Physiology and Virulence of the Insect Pathogen Serratia sp. Strain SCBI. Applied and Environmental Microbiology, 2012, 78, 8840-8844.	1.4	28
1321	ExpR Is Not Required for Swarming but Promotes Sliding in Sinorhizobium meliloti. Journal of Bacteriology, 2012, 194, 2027-2035.	1.0	43
1322	Suppression of pleiotropic phenotypes of a Burkholderia multivorans fur mutant by oxyR mutation. Microbiology (United Kingdom), 2012, 158, 1284-1293.	0.7	11
1323	Use of CAS Colorimetric Assays to Evaluate the Effect of Copper Ion on Methanobactin Production by Methylosinus trichosporium 3011. Advanced Materials Research, 2012, 549, 50-53.	0.3	0
1324	Pseudomonas aeruginosaWS-1 for biological control of leaf blight disease ofWithania somnifera. Archives of Phytopathology and Plant Protection, 2012, 45, 796-805.	0.6	9
1325	Contribution of Siderophore Systems to Growth and Urinary Tract Colonization of Asymptomatic Bacteriuria Escherichia coli. Infection and Immunity, 2012, 80, 333-344.	1.0	96
1326	Two distinct pathways for iron acquisition by iron-limited cyanobacterial cells: evidence from experiments using siderophores and synthetic chelators. Botany, 2012, 90, 181-190.	0.5	13
1327	Growth enhancement ofSesamum indicumL. by rhizosphere-competentAzotobacter chroococcumAZO2 and its antagonistic activity againstMacrophomina phaseolina. Archives of Phytopathology and Plant Protection, 2012, 45, 437-454.	0.6	14
1328	Fur-Regulated Iron Uptake System of Edwardsiella ictaluri and Its Influence on Pathogenesis and Immunogenicity in the Catfish Host. Infection and Immunity, 2012, 80, 2689-2703.	1.0	53
1329	Iron and Quorum Sensing Coordinately Regulate the Expression of Vulnibactin Biosynthesis in Vibrio vulnificus. Journal of Biological Chemistry, 2012, 287, 26727-26739.	1.6	39
1330	Draft Genome Sequence of High-Siderophore-Yielding Pseudomonas sp. Strain HYS. Journal of Bacteriology, 2012, 194, 4121-4121.	1.0	19
1331	Response of barley to root colonization byPseudomonassp. DSMZ 13134 under laboratory, greenhouse, and field conditions. Journal of Plant Interactions, 2012, 7, 1-9.	1.0	39

#	Article	IF	Citations
1332	Evidence of Diversity among Epidemiologically Related Carbapenemase-Producing Acinetobacter baumannii Strains Belonging to International Clonal Lineage II. Journal of Clinical Microbiology, 2012, 50, 590-597.	1.8	36
1333	HapX-Mediated Iron Homeostasis Is Essential for Rhizosphere Competence and Virulence of the Soilborne Pathogen Fusarium oxysporum Â Â Â. Plant Cell, 2012, 24, 3805-3822.	3.1	138
1334	Production, Purification, and Characterization of Antifungal Metabolite from Pseudomonas aeruginosa SD12, a New Strain Obtained from Tannery Waste Polluted Soil. Journal of Microbiology and Biotechnology, 2012, 22, 674-683.	0.9	33
1335	Plant Growth-Promoting Nitrogen-Fixing Enterobacteria Are in Association with Sugarcane Plants Growing in Guangxi, China. Microbes and Environments, 2012, 27, 391-398.	0.7	109
1336	Iron acquisition in the marine actinomycete genusSalinisporais controlled by the desferrioxamine family of siderophores. FEMS Microbiology Letters, 2012, 335, 95-103.	0.7	36
1337	Methylobacterium oxalidis sp. nov., isolated from leaves of Oxalis corniculata. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1647-1652.	0.8	29
1338	Molecular Characterization of Endophytic Bacteria from Metal Hyperaccumulator Aquatic Plant (Eichhornia crassipes) and Its Role in Heavy Metal Removal. Geomicrobiology Journal, 2012, 29, 906-915.	1.0	17
1339	Plant growth promoting potential and soil enzyme production of the most abundantStreptomycesspp. from wheat rhizosphere. Journal of Applied Microbiology, 2012, 113, 1154-1164.	1.4	94
1340	Genomics-driven discovery of taiwachelin, a lipopeptide siderophore from Cupriavidus taiwanensis. Organic and Biomolecular Chemistry, 2012, 10, 9338.	1.5	27
1341	Public good dynamics drive evolution of iron acquisition strategies in natural bacterioplankton populations. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20059-20064.	3.3	294
1342	Chemistry and Biology of the Copper Chelator Methanobactin. ACS Chemical Biology, 2012, 7, 260-268.	1.6	74
1343	Optimal pyoverdin-CPG composites for development of an optical biosensor to detect iron. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2012, 6, 249-254.	0.3	1
1344	Involvement of multiple distinct Bordetella receptor proteins in the utilization of iron liberated from transferrin by host catecholamine stress hormones. Molecular Microbiology, 2012, 84, 446-462.	1.2	33
1345	Plant growth enhancing effects by a siderophore-producing endophytic streptomycete isolated from a Thai jasmine rice plant (Oryza sativa L. cv. KDML105). Antonie Van Leeuwenhoek, 2012, 102, 463-472.	0.7	171
1346	GacA directly regulates expression of several virulence genes in Pseudomonas syringae pv. tabaci 11528. Biochemical and Biophysical Research Communications, 2012, 417, 665-672.	1.0	23
1347	Genome Sequence and Mutational Analysis of Plant-Growth-Promoting Bacterium Agrobacterium tumefaciens CCNWGS0286 Isolated from a Zinc-Lead Mine Tailing. Applied and Environmental Microbiology, 2012, 78, 5384-5394.	1.4	64
1349	Stimulated phytoextraction of metals from fly ash by microbial interventions. Environmental Technology (United Kingdom), 2012, 33, 2405-2413.	1.2	26
1350	Structure and Biosynthetic Assembly of Cupriachelin, a Photoreactive Siderophore from the Bioplastic Producer Cupriavidus necator H16. Journal of the American Chemical Society, 2012, 134, 5415-5422.	6.6	58

#	Article	IF	Citations
1351	Mixing and Matching Siderophore Clusters: Structure and Biosynthesis of Serratiochelins from Serratia sp. V4. Journal of the American Chemical Society, 2012, 134, 13550-13553.	6.6	48
1352	Proteomics of Pseudomonas aeruginosa Australian Epidemic Strain 1 (AES-1) Cultured under Conditions Mimicking the Cystic Fibrosis Lung Reveals Increased Iron Acquisition via the Siderophore Pyochelin. Journal of Proteome Research, 2012, 11, 776-795.	1.8	45
1353	Marine Metabolites and Metal Ion Chelation. , 2012, , 861-892.		6
1354	Potential of Rhizobia for Sustainable Production of Non-legumes. , 2012, , 659-704.		17
1355	In Vitro and In Vivo Antimicrobial Activities of Gallium Nitrate against Multidrug-Resistant Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2012, 56, 5961-5970.	1.4	128
1356	Isolation, Structure Elucidation, and Biosynthesis of an Unusual Hydroxamic Acid Ester-Containing Siderophore from Actinosynnema mirum. Journal of Natural Products, 2012, 75, 905-914.	1.5	52
1357	Influence of siderophore pyoverdine synthesis and iron-uptake on abiotic and biotic surface colonization of Pseudomonas putida S11. BioMetals, 2012, 25, 1113-1128.	1.8	4
1358	Genomic Variation among Contemporary Pseudomonas aeruginosa Isolates from Chronically Infected Cystic Fibrosis Patients. Journal of Bacteriology, 2012, 194, 4857-4866.	1.0	79
1359	Diversity of plant growth-promoting rhizobacteria communities associated with the stages of canola growth. Applied Soil Ecology, 2012, 55, 44-52.	2.1	121
1360	Characterization of cultivable putative endophytic plant growth promoting bacteria associated with maize cultivars (Zea mays L.) and their inoculation effects in vitro. Applied Soil Ecology, 2012, 58, 21-28.	2.1	146
1361	Diversity of Bradyrhizobium populations associated to soybeanâ€“maize rotations in QuÃ©bec, Eastern Canada, and their potential to improve growth of both plant species. Applied Soil Ecology, 2012, 59, 29-38.	2.1	5
1362	Virulence of Vibrio harveyi responsible for the â€œBright-redâ€•Syndrome in the Pacific white shrimp Litopenaeus vannamei. Journal of Invertebrate Pathology, 2012, 109, 307-317.	1.5	70
1363	Pseudomonas aeruginosa strain WI-1 from Mandovi estuary possesses metallothionein to alleviate lead toxicity and promotes plant growth. Ecotoxicology and Environmental Safety, 2012, 79, 129-133.	2.9	81
1364	Biofortification of wheat through inoculation of plant growth promoting rhizobacteria and cyanobacteria. European Journal of Soil Biology, 2012, 50, 118-126.	1.4	300
1365	Characterization of plant growth-promoting traits of bacteria isolated from the rhizosphere of grapevine grown in alkaline and acidic soils. European Journal of Soil Biology, 2012, 50, 144-150.	1.4	57
1366	Fast LCâ€“MS analysis of gallotannins from mango (Mangifera indica L.) kernels and effects of methanolysis on their antibacterial activity and iron binding capacity. Food Research International, 2012, 45, 422-426.	2.9	27
1367	Isolation and selection of plant growth-promoting rhizobacteria as inducers of systemic resistance in melon. Plant and Soil, 2012, 358, 201-212.	1.8	58
1368	Phaeobacter gallaeciensis genomes from globally opposite locations reveal high similarity of adaptation to surface life. ISME Journal, 2012, 6, 2229-2244.	4.4	143

#	Article	IF	Citations
1369	Syntheses of mycobactin analogs as potent and selective inhibitors of Mycobacterium tuberculosis. Organic and Biomolecular Chemistry, 2012, 10, 7584.	1.5	25
1370	Directing the Biosynthesis of Putrebactin or Desferrioxamine B in Shewanella putrefaciens through the Upstream Inhibition of Ornithine Decarboxylase. Chemistry and Biodiversity, 2012, 9, 1880-1890.	1.0	32
1371	Role of the small RNA RyhB in the Fur regulon in mediating the capsular polysaccharide biosynthesis and iron acquisition systems in Klebsiella pneumoniae. BMC Microbiology, 2012, 12, 148.	1.3	44
1372	Mechanisms of iron and haem transport byListeria monocytogenes. Molecular Membrane Biology, 2012, 29, 69-86.	2.0	27
1373	Molecular and culture-dependent analyses revealed similarities in the endophytic bacterial community composition of leaves from three rice (Oryza sativa) varieties. FEMS Microbiology Ecology, 2012, 80, 696-708.	1.3	51
1374	Exploration and characterization of agriculturally and industrially important haloalkaliphilic bacteria from environmental samples of hypersaline Sambhar lake, India. World Journal of Microbiology and Biotechnology, 2012, 28, 3207-3217.	1.7	33
1375	Methylobacterium gnaphalii sp. nov., isolated from leaves of Gnaphalium spicatum. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2602-2607.	0.8	22
1376	Practical Application of Methanol-Mediated Mutualistic Symbiosis between Methylobacterium Species and a Roof Greening Moss, Racomitrium japonicum. PLoS ONE, 2012, 7, e33800.	1.1	46
1377	Endophytic bacteria from tomato and chilli, their diversity and antagonistic potential againstRalstonia solanacearum. Archives of Phytopathology and Plant Protection, 2012, 45, 344-355.	0.6	22
1378	Iron chelation afforded cardioprotection against H2O2-induced H9C2 cell injury: Application of novel 3-hydroxy pyridine-4-one derivatives. International Journal of Cardiology, 2012, 162, 60-63.	0.8	2
1379	Isolation and characterization of new plant growth-promoting bacterial endophytes. Applied Soil Ecology, 2012, 61, 217-224.	2.1	299
1380	Population density and functional diversity of plant growth promoting rhizobacteria associated with avocado trees in saline soils. Applied Soil Ecology, 2012, 62, 147-154.	2.1	49
1381	Screening of plant growth promoting rhizobacteria as potential microbial inoculants. Crop Protection, 2012, 40, 43-48.	1.0	64
1382	Biocontrol bacterial communities associated with diseased peanut (Arachis hypogaea L.) plants. European Journal of Soil Biology, 2012, 53, 48-55.	1.4	10
1383	Genetic diversity and antifungal activity of native Pseudomonas isolated from maize plants grown in a central region of Argentina. Systematic and Applied Microbiology, 2012, 35, 342-351.	1.2	29
1384	1-Aminocyclopropane-1-carboxylic acid (ACC) deaminase-containing rhizobacteria protect Ocimum sanctum plants during waterlogging stress via reduced ethylene generation. Plant Physiology and Biochemistry, 2012, 58, 227-235.	2.8	182
1385	Phytohormone production and colonization of canola (Brassica napusL.) roots byPseudomonas fluorescens6-8 under gnotobiotic conditions. Canadian Journal of Microbiology, 2012, 58, 170-178.	0.8	52
1386	Isolation and characterization of heavy-metal-mobilizing bacteria from contaminated soils and their potential in promoting Pb, Cu, and Cd accumulation by Coprinus comatus. Canadian Journal of Microbiology, 2012, 58, 45-53.	0.8	22

#	Article	IF	Citations
1387	Intrinsic Characteristics of Cr6+-Resistant Bacteria Isolated from an Electroplating Industry Polluted Soils for Plant Growth-Promoting Activities. Applied Biochemistry and Biotechnology, 2012, 167, 1653-1667.	1.4	12
1388	Antioxidative and DNA Protective Effects of Bacillomycin D-Like Lipopeptides Produced by B38 Strain. Applied Biochemistry and Biotechnology, 2012, 168, 2245-2256.	1.4	26
1389	Deciphering the metabolic capabilities of a lipase producing Pseudomonas aeruginosa SL-72 strain. Folia Microbiologica, 2012, 57, 525-531.	1.1	5
1390	The role of a dark septate endophytic fungus, Veronaeopsis simplex Y34, in Fusarium disease suppression in Chinese cabbage. Journal of Microbiology, 2012, 50, 618-624.	1.3	41
1391	Effect of co-inoculation of plant growth-promoting rhizobacteria on the growth of amaranth plants. Archives of Agronomy and Soil Science, 2012, 58, 1387-1397.	1.3	12
1392	Heterologous production of bisucaberin using a biosynthetic gene cluster cloned from a deep sea metagenome. Molecular BioSystems, 2012, 8, 482-485.	2.9	32
1393	Integrated approach for disease management and growth enhancement of Sesamum indicum L. utilizing Azotobacter chroococcum TRA2 and chemical fertilizer. World Journal of Microbiology and Biotechnology, 2012, 28, 3015-3024.	1.7	60
1394	Iron utilization and siderophore production by Streptococcus phocae isolated from diseased Atlantic salmon (Salmo salar). Aquaculture, 2012, 364-365, 305-311.	1.7	8
1395	A Single Promoter Inversion Switches Photorhabdus Between Pathogenic and Mutualistic States. Science, 2012, 337, 88-93.	6.0	114
1396	Quorum-sensing regulates biofilm formation in Vibrio scophthalmi. BMC Microbiology, 2012, 12, 287.	1.3	24
1397	Rhizobium Promotes Non-Legumes Growth and Quality in Several Production Steps: Towards a Biofertilization of Edible Raw Vegetables Healthy for Humans. PLoS ONE, 2012, 7, e38122.	1.1	155
1398	Characterization of Contaminants from a Sanitized Milk Processing Plant. PLoS ONE, 2012, 7, e40189.	1.1	69
1399	High-Throughput Identification and Screening of Novel Methylobacterium Species Using Whole-Cell MALDI-TOF/MS Analysis. PLoS ONE, 2012, 7, e40784.	1.1	49
1400	Characterization of Bacteria Associated with Pinewood Nematode Bursaphelenchus xylophilus. PLoS ONE, 2012, 7, e46661.	1.1	55
1401	Quantitative Proteomic Analysis of the Hfq-Regulon in Sinorhizobium meliloti 2011. PLoS ONE, 2012, 7, e48494.	1.1	46
1402	Isolation and Characterization of Bacterial Endophytes from <i>Lycopersicon esculentum</i> Plant and their Plant Growth Promoting Characteristics. Nepal Journal of Biotechnology, 2012, 2, 37-52.	0.5	32
1403	Isolation and characterization of phosphate-solubilizing bacteria from aerobic rice. African Journal of Biotechnology, 2012, 11, .	0.3	31
1404	Nigribactin, a Novel Siderophore from Vibrio nigripulchritudo, Modulates Staphylococcus aureus Virulence Gene Expression. Marine Drugs, 2012, 10, 2584-2595.	2.2	23

#	Article	IF	Citations
1405	Hunger for iron: the alternative siderophore iron scavenging systems in highly virulent Yersinia. Frontiers in Cellular and Infection Microbiology, 2012, 2, 151.	1.8	68
1406	Practical use of CMC-amended rhizobial inoculant for <I>Mucuna pruriens</I> cultivation to enhance the growth and protection against <I>Macrophomina phaseolina</I>. Journal of General and Applied Microbiology, 2012, 58, 121-127.	0.4	9
1407	Characterization of siderophore producing bacterial strain Pseudomonas fluorescens Mst 8.2 as plant growth promoting and biocontrol agent in wheat. African Journal of Microbiology Research, 2012, 6, .	0.4	37
1408	Pathogenicity of some isolates of Beauveria bassiana (Bals.) Vuill. and Metarhizium anisopliae (Metsch.) Sorokin on 2nd and 4th larval instars of Colorado potato beetle, Leptinotarsa decemlineata (Say) (Col.: Chrysomelidae), under laboratory conditions. African Journal of Microbiology Research, 2012, 6, .	0.4	14
1409	Evaluation and biochemical characterization of a distinctive pyoverdin from a pseudomonas isolated from chickpea rhizosphere. Brazilian Journal of Microbiology, 2012, 43, 639-648.	0.8	40
1410	Siderophore-Producing Bacteria from a Sand Dune Ecosystem and the Effect of Sodium Benzoate on Siderophore Production by a Potential Isolate. Scientific World Journal, The, 2012, 2012, 1-8.	0.8	21
1411	Effects of plant growth promoting rhizobacteria on maize in greenhouse and field trial. African Journal of Microbiology Research, 2012, 6, .	0.4	12
1412	Nematicidal fluorescent pseudomonads for the in vitro and in vivo suppression of root knot (Meloidogyne incognita) of Capsicum annuum L.. Pest Management Science, 2012, 68, 1148-1155.	1.7	12
1413	Characterization of endophytic bacteria associated with rose plant (Rosa damascena trigintipeta) during flowering stage and their plant growth promoting traits. Journal of Plant Interactions, 2012, 7, 248-253.	1.0	39
1414	Fatty Acid Biosynthesis in Pseudomonas aeruginosa Is Initiated by the FabY Class of Î²-Ketoacyl Acyl Carrier Protein Synthases. Journal of Bacteriology, 2012, 194, 5171-5184.	1.0	58
1415	Characterization of a versatile rhizospheric organism from cucumber identified as Ochrobactrum haematophilum. Journal of Basic Microbiology, 2012, 52, 232-244.	1.8	18
1416	Isolation of Rhizobacteria from Jatropha curcas and characterization of produced ACC deaminase. Journal of Basic Microbiology, 2012, 52, 285-295.	1.8	30
1417	Evaluation of Multispecies Plant-Growth-Promoting Consortia for the Growth Promotion of Jatropha curcas L.. Journal of Plant Growth Regulation, 2012, 31, 588-598.	2.8	51
1418	Diversity and antagonistic potential ofBacillusspp. associated to the rhizosphere of tomato for the management ofRhizoctonia solani. Biocontrol Science and Technology, 2012, 22, 203-217.	0.5	62
1419	Drought-tolerant endophytic actinobacteria promote growth of wheat (Triticum aestivum) under water stress conditions. Plant Growth Regulation, 2012, 68, 411-420.	1.8	225
1420	Phylogenetic profiling of culturable bacteria associated with early phase of mushroom composting assessed by amplified rDNA restriction analysis. Annals of Microbiology, 2012, 62, 675-682.	1.1	9
1421	Isolation and characterization of plant growth promoting endophytic bacteria and their effect on tomato (Lycopersicon esculentum) and chilli (Capsicum annuum) seedling growth. Annals of Microbiology, 2012, 62, 805-810.	1.1	53
1422	Evaluation of fluorescent Pseudomonas spp. with single and multiple PGPR traits for plant growth promotion of sorghum in combination with AM fungi. Plant Growth Regulation, 2012, 67, 133-140.	1.8	35

#	Article	IF	Citations
1423	Effect of plant growth promoting Bacillus subtilis and Pseudomonas fluorescens on growth and pigment composition of radish plants (Raphanus sativus) under NaCl stress. Photosynthetica, 2012, 50, 263-272.	0.9	132
1424	Isolation and characterization of root-associated bacteria from agricultural crops in the Kavango region of Namibia. Plant and Soil, 2012, 356, 67-82.	1.8	50
1425	Contrasting colonization and plant growth promoting capacity between wild type and a gfp-derative of the endophyte Pseudomonas putida W619 in hybrid poplar. Plant and Soil, 2012, 356, 217-230.	1.8	41
1426	The roots of the halophyte Salicornia brachiata are a source of new halotolerant diazotrophic bacteria with plant growth-promoting potential. Plant and Soil, 2012, 356, 265-277.	1.8	253
1427	The contribution of nitrogen fixation to sugarcane (Saccharum officinarum L.), and the identification and characterization of part of the associated diazotrophic bacterial community. Plant and Soil, 2012, 356, 35-49.	1.8	131
1428	Screening of plant growth promoting Rhizobacteria isolated from sunflower (Helianthus annuus L.). Plant and Soil, 2012, 356, 245-264.	1.8	131
1429	Lead and cadmium-induced oxidative stress impacting mycelial growth of Oudemansiella radicata in liquid medium alleviated by microbial siderophores. World Journal of Microbiology and Biotechnology, 2012, 28, 1727-1737.	1.7	29
1430	Production of phytohormones, siderophores and population fluctuation of two root-promoting rhizobacteria in Eucalyptus globulus cuttings. World Journal of Microbiology and Biotechnology, 2012, 28, 2003-2014.	1.7	30
1431	Burkholderia cepacia XXVI siderophore with biocontrol capacity against Colletotrichum gloeosporioides. World Journal of Microbiology and Biotechnology, 2012, 28, 2615-2623.	1.7	68
1432	Accumulation of rare earth elements by siderophore-forming Arthrobacter luteolus isolated from rare earth environment of Chavara, India. Journal of Biosciences, 2012, 37, 25-31.	0.5	43
1433	Transformation of pWWO in Rhizobium leguminosarum DPT to Engineer Toluene Degrading Ability for Rhizoremediation. Indian Journal of Microbiology, 2012, 52, 197-202.	1.5	6
1434	Isolation and characterization of plant growth-promoting rhizobacteria from wheat roots by wheat germ agglutinin labeled with fluorescein isothiocyanate. Journal of Microbiology, 2012, 50, 191-198.	1.3	50
1435	Siderophore production of African dust microorganisms over Trinidad and Tobago. Aerobiologia, 2012, 28, 391-401.	0.7	20
1436	Hexavalent chromium reduction and plant growth promotion by Staphylococcus arlettae Strain Cr11. Chemosphere, 2012, 86, 847-852.	4.2	65
1437	Assessment of bacterial communities and characterization of lead-resistant bacteria in the rhizosphere soils of metal-tolerant Chenopodium ambrosioides grown on leadâ€“zinc mine tailings. Chemosphere, 2012, 87, 1171-1178.	4.2	86
1438	Biodegradation of phorate in soil and rhizosphere of Brassica juncea (L.) (Indian Mustard) by a microbial consortium. International Biodeterioration and Biodegradation, 2012, 71, 36-42.	1.9	29
1439	Pseudomonas M162 confers protection against rainbow trout fry syndrome by stimulating immunity. Journal of Applied Microbiology, 2012, 113, 24-35.	1.4	63
1440	Interkingdom adenosine signal reduces Pseudomonas aeruginosa pathogenicity. Microbial Biotechnology, 2012, 5, 560-572.	2.0	12

#	Article	IF	Citations
1441	Unsuspected control of siderophore production by Nâ€acetylglucosamine in streptomycetes. Environmental Microbiology Reports, 2012, 4, 512-521.	1.0	57
1442	Isolation and identification of phosphate solubilizing bacteria able to enhance the growth and aloin-A biosynthesis of Aloe barbadensis Miller. Microbiological Research, 2012, 167, 358-363.	2.5	129
1443	Bacillus strains isolated from rhizosphere showed plant growth promoting and antagonistic activity against phytopathogens. Microbiological Research, 2012, 167, 493-499.	2.5	416
1444	Anchoring high-throughput screening methods to scale-up bioproduction of siderophores. Process Biochemistry, 2012, 47, 416-421.	1.8	8
1445	Rhizospheric bacteria alleviate salt-produced stress in sunflower. Journal of Environmental Management, 2012, 95, S37-S41.	3.8	55
1446	A suite of citrate-derived siderophores from a marine Vibrio species isolated following the Deepwater Horizon oil spill. Journal of Inorganic Biochemistry, 2012, 107, 90-95.	1.5	28
1447	Regulation of a quorum sensing system by stationary phase sigma factor RpoS and their coâ€regulation of target genesâ€¨ in Burkholderia pseudomallei. Microbiology and Immunology, 2012, 56, 281-294.	0.7	37
1448	Iron deficiency affects plant defence responses and confers resistance to Dickeya dadantii and Botrytis cinerea. Molecular Plant Pathology, 2012, 13, 816-827.	2.0	86
1449	Diversity of siderophore-producing bacteria isolated from the intestinal tracts of fish along the Japanese coast. Aquaculture Research, 2012, 43, 481-488.	0.9	16
1450	Endophyte-assisted promotion of biomass production and metal-uptake of energy crop sweet sorghum by plant-growth-promoting endophyte Bacillus sp. SLS18. Applied Microbiology and Biotechnology, 2012, 93, 1745-1753.	1.7	160
1451	Growth Enhancement of Chickpea in Saline Soils Using Plant Growth-Promoting Rhizobacteria. Journal of Plant Growth Regulation, 2012, 31, 53-62.	2.8	63
1452	Plant Growth Promoting Characterization of Indigenous Azotobacteria Isolated from Soils in Iran. Current Microbiology, 2012, 64, 397-403.	1.0	39
1453	Biochemistry of TBT-Degrading Marine Pseudomonads Isolated from Indian Coastal Waters. Water, Air, and Soil Pollution, 2012, 223, 99-106.	1.1	23
1454	Effect of Inoculation with Plant Growth-Promoting Bacteria on Growth and Copper Uptake by Sunflowers. Water, Air, and Soil Pollution, 2012, 223, 643-654.	1.1	34
1455	Effect of heavy metal-solubilizing microorganisms on zinc and cadmium extractions from heavy metal contaminated soil with Tricholoma lobynsis. World Journal of Microbiology and Biotechnology, 2012, 28, 293-301.	1.7	24
1456	Evaluation of rhizospheric Pseudomonas and Bacillus as biocontrol tool for Xanthomonas campestris pv campestris. World Journal of Microbiology and Biotechnology, 2012, 28, 693-702.	1.7	60
1457	Stimulation of the growth of Jatropha curcas by the plant growth promoting bacterium Enterobacter cancerogenus MSA2. World Journal of Microbiology and Biotechnology, 2012, 28, 891-899.	1.7	67
1458	Iron transport in the genus Marinobacter. BioMetals, 2012, 25, 135-147.	1.8	32

#	Article	IF	Citations
1459	Siderophore-mediated iron uptake in two clades of Marinobacter spp. associated with phytoplankton: the role of light. BioMetals, 2012, 25, 181-192.	1.8	27
1460	Siderophore production by actinomycetes isolates from two soil sites in Western Australia. BioMetals, 2012, 25, 285-296.	1.8	59
1461	Kibdelosporangium phytohabitans sp. nov., a novel endophytic actinomycete isolated from oil-seed plant Jatropha curcas L. containing 1-aminocyclopropane-1-carboxylic acid deaminase. Antonie Van Leeuwenhoek, 2012, 101, 433-441.	0.7	35
1462	Optimization of media components for chitinase production by chickpea rhizosphere associated Lysinibacillus fusiformis Bâ€CM18. Journal of Basic Microbiology, 2013, 53, 451-460.	1.8	42
1463	Identification of genes in the VirR regulon of Pectobacterium atrosepticum and characterization of their roles in quorum sensingâ€dependent virulence. Environmental Microbiology, 2013, 15, 687-701.	1.8	18
1464	Harzianic acid: a novel siderophore fromTrichoderma harzianum. FEMS Microbiology Letters, 2013, 347, n/a-n/a.	0.7	139
1465	Symbiotic influence of endophytic Bacillus pumilus on growth promotion and probiotic potential of the medicinal plant Ocimum sanctum. Symbiosis, 2013, 60, 91-99.	1.2	16
1466	Rock phosphate solubilization by psychrotolerant Pseudomonas spp. and their effect on lentil growth and nutrient uptake under polyhouse conditions. Annals of Microbiology, 2013, 63, 1353-1362.	1.1	32
1467	Evaluating the biochemical traits of novel Trichoderma-based biofilms for use as plant growth-promoting inoculants. Annals of Microbiology, 2013, 63, 1147-1156.	1.1	46
1468	Effects of long-term chlorimuron-ethyl application on the diversity and antifungal activity of soil Pseudomonas spp. in a soybean field in Northeast China. Annals of Microbiology, 2013, 63, 335-341.	1.1	16
1469	Virulence Changes to Harveyi Clade Bacteria Infected with Bacteriophage from Vibrio owensii. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2013, 24, 180-187.	0.7	7
1470	Comparison among bacterial communities present in arenized and adjacent areas subjected to different soil management regimes. Plant and Soil, 2013, 373, 339-358.	1.8	22
1471	The effects of different fertilization conditions on bacterial plant growth promoting traits: guidelines for directed bacterial prospection and testing. Plant and Soil, 2013, 368, 267-280.	1.8	64
1472	Antagonistic Interactions Mediated by Marine Bacteria: The Role of Small Molecules. Journal of Chemical Ecology, 2013, 39, 879-891.	0.9	36
1473	Prospects in Bioscience: Addressing the Issues. , 2013, , .		5
1474	Bacterial siderophores efficiently provide iron to iron-starved tomato plants in hydroponics culture. Antonie Van Leeuwenhoek, 2013, 104, 321-330.	0.7	210
1475	Effect of metals on a siderophore producing bacterial isolate and its implications on microbial assisted bioremediation of metal contaminated soils. Chemosphere, 2013, 93, 1835-1843.	4.2	69
1476	Characterization of Plant-Growth-Promoting Effects and Concurrent Promotion of Heavy Metal Accumulation in the Tissues of the Plants Grown in The Polluted Soil byBurkholderiaStrain LD-11. International Journal of Phytoremediation, 2013, 15, 991-1009.	1.7	18

#	Article	IF	Citations
1477	The new species Enterobacter oryziphilus sp. nov. and Enterobacter oryzendophyticus sp. nov. are key inhabitants of the endosphere of rice. BMC Microbiology, 2013, 13, 164.	1.3	55
1478	Characterization of Halomonassp. ZM3 isolated from the Zelazny Most post-flotation waste reservoir, with a special focus on its mobile DNA. BMC Microbiology, 2013, 13, 59.	1.3	49
1479	Bacteria in Agrobiology: Disease Management. , 2013, , .		31
1480	Influence of periplasmic oxidation of glucose on pyoverdine synthesis in Pseudomonas putida S11. Applied Microbiology and Biotechnology, 2013, 97, 5027-5041.	1.7	7
1481	ACC Deaminase-Containing Bacillus subtilis Reduces Stress Ethylene-Induced Damage and Improves Mycorrhizal Colonization and Rhizobial Nodulation in Trigonella foenum-graecum Under Drought Stress. Journal of Plant Growth Regulation, 2013, 32, 809-822.	2.8	106
1482	Plant Growth-Promoting Rhizobacteria Enhance Abiotic Stress Tolerance in Solanum tuberosum Through Inducing Changes in the Expression of ROS-Scavenging Enzymes and Improved Photosynthetic Performance. Journal of Plant Growth Regulation, 2013, 32, 245-258.	2.8	378
1483	Isolation and identification of phytate-degrading rhizobacteria with activity of improving growth of poplar and Masson pine. World Journal of Microbiology and Biotechnology, 2013, 29, 2181-2193.	1.7	23
1484	Rhizosphere colonization and arsenic translocation in sunflower (Helianthus annuus L.) by arsenate reducing Alcaligenes sp. strain Dhal-L. World Journal of Microbiology and Biotechnology, 2013, 29, 1931-1940.	1.7	12
1485	Assessment of functional and genetic diversity of aerobic endospore forming Bacilli from rhizospheric soil of Phyllanthus amarus L.. World Journal of Microbiology and Biotechnology, 2013, 29, 1597-1610.	1.7	20
1486	Inhibition of Flavobacterium psychrophilum biofilm formation using a biofilm of the antagonist Pseudomonas fluorescen s FF48. SpringerPlus, 2013, 2, 176.	1.2	24
1487	Influence of inoculation of arsenic-resistant Staphylococcus arlettae on growth and arsenic uptake in Brassica juncea (L.) Czern. Var. R-46. Journal of Hazardous Materials, 2013, 262, 1039-1047.	6.5	142
1488	Plantâ€associated bacteria and their role in the success or failure of metal phytoextraction projects: first observations of a fieldâ€related experiment. Microbial Biotechnology, 2013, 6, 288-299.	2.0	40
1489	Amino acid variability in the peptide composition of a suite of amphiphilic peptide siderophores from an open ocean Vibrio species. Journal of Biological Inorganic Chemistry, 2013, 18, 489-497.	1.1	21
1490	Pseudomonas sagittaria sp. nov., a siderophore-producing bacterium isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2410-2417.	0.8	25
1491	Effect of Pseudomonas luteola on mobilization of phosphorus and growth of young apple trees (Ligol)â€"Pot experiment. Scientia Horticulturae, 2013, 164, 270-276.	1.7	17
1492	Analysis of a ferric uptake regulator (Fur) knockout mutant in Aeromonas salmonicida subsp. salmonicida. Veterinary Microbiology, 2013, 162, 831-841.	0.8	43
1493	Siderophore-modified Fenton-like system for the degradation of propranolol in aqueous solutions at near neutral pH values. Chemical Engineering Journal, 2013, 229, 177-182.	6.6	12
1494	Virulence factor regulator (<scp>V</scp>fr) controls virulenceâ€associated phenotypes in <scp>P</scp>seudomonas syringae pv. tabaci 6605 by a quorum sensingâ€independent mechanism. Molecular Plant Pathology, 2013, 14, 279-292.	2.0	21

#	Article	IF	Citations
1495	Virulence profiles and antibiotic susceptibility patterns of Klebsiella pneumoniae strains isolated from different clinical specimens. Pathologie Et Biologie, 2013, 61, 209-216.	2.2	173
1496	Burkholderia sp. <scp>SCMS54</scp> reduces cadmium toxicity and promotes growth in tomato. Annals of Applied Biology, 2013, 163, 494-507.	1.3	39
1497	Siderophore mediated uranium sequestration by marine cyanobacterium Synechococcus elongatus BDU 130911. Bioresource Technology, 2013, 130, 204-210.	4.8	39
1498	Generic and functional diversity in endophytic actinomycetes from wild Compositae plant species at South Sinai â€“ Egypt. Research in Microbiology, 2013, 164, 761-769.	1.0	32
1499	Natural occurrence of Pseudomonas aeruginosa, a dominant cultivable diazotrophic endophytic bacterium colonizing Pennisetum glaucum (L.) R. Br.. Applied Soil Ecology, 2013, 64, 252-261.	2.1	71
1500	Role of IAA metabolizing enzymes on production of IAA in root, nodule of Cajanus cajan and its PGP Rhizobium sp. Biocatalysis and Agricultural Biotechnology, 2013, 2, 234-239.	1.5	28
1501	Selection and evaluation of potential biocontrol rhizobacteria from a raised bog environment. Crop Protection, 2013, 52, 116-124.	1.0	17
1502	Global Control of GacA in Secondary Metabolism, Primary Metabolism, Secretion Systems, and Motility in the Rhizobacterium Pseudomonas aeruginosa M18. Journal of Bacteriology, 2013, 195, 3387-3400.	1.0	38
1503	Microbially Enhanced Phytoextraction of Heavy-Metal Fly-Ash Amended Soil. Communications in Soil Science and Plant Analysis, 2013, 44, 3161-3176.	0.6	24
1504	Mutualism between autotrophic ammonia-oxidizing bacteria (AOB) and heterotrophs present in an ammonia-oxidizing colony. Archives of Microbiology, 2013, 195, 737-747.	1.0	24
1505	Screening of Chromium-Resistant Bacteria for Plant Growth-Promoting Activities. Soil and Sediment Contamination, 2013, 22, 717-736.	1.1	24
1506	Structural Characterization of the Heterobactin Siderophores from Rhodococcus erythropolis PR4 and Elucidation of Their Biosynthetic Machinery. Journal of Natural Products, 2013, 76, 2282-2290.	1.5	52
1507	ACC deaminase producing Pseudomonas putida strain PSE3 and Rhizobium leguminosarum strain RP2 in synergism improves growth, nodulation and yield of pea grown in alluvial soils. Symbiosis, 2013, 61, 93-104.	1.2	43
1508	Complex interactions of Klebsiella pneumoniae with the host immune system in a Galleria mellonella infection model. Journal of Medical Microbiology, 2013, 62, 1790-1798.	0.7	64
1509	Bacterial endophytes enhance competition by invasive plants. American Journal of Botany, 2013, 100, 1726-1737.	0.8	78
1510	Effect of the amino acid substitution in the DNA-binding domain of the Fur regulator on production of pyoverdine. Folia Microbiologica, 2013, 58, 311-317.	1.1	0
1511	Biochemical and molecular characterisation of the bacterial endophytes from native sugarcane varieties of Himalayan region. 3 Biotech, 2013, 3, 205-212.	1.1	12
1512	Pesticide tolerant and phosphorus solubilizing Pseudomonas sp. strain SGRAJ09 isolated from pesticides treated Achillea clavennae rhizosphere soil. Ecotoxicology, 2013, 22, 707-717.	1.1	21

#	Article	IF	Citations
1513	Siderophore Production by Pathogenic Mucorales and Uptake of Deferoxamine B. Mycopathologia, 2013, 176, 319-328.	1.3	19
1514	Linear fusigen as the major hydroxamate siderophore of the ectomycorrhizal Basidiomycota Laccaria laccata and Laccaria bicolor. BioMetals, 2013, 26, 969-979.	1.8	26
1515	Characterization of plant growth promoting rhizobacteria and their potential as bioprotectant against tomato bacterial wilt caused by Ralstonia solanacearum. Biological Control, 2013, 67, 75-83.	1.4	55
1516	Methylobacterium haplocladii sp. nov. and Methylobacterium brachythecii sp. nov., isolated from bryophytes. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3287-3292.	0.8	14
1517	The variable hydroxamic acid siderophore metabolome of the marine actinomycete Salinispora tropica CNB-440. Metallomics, 2013, 5, 1519.	1.0	43
1518	Presence of virulence markers in environmental Vibrio vulnificus strains. Journal of Applied Microbiology, 2013, 114, 1539-1546.	1.4	9
1519	Changes in the population of seed bacteria of transgenerationally <scp><scp>Cd</scp></scp>â€exposed <scp>A</scp>rabidopsis thaliana. Plant Biology, 2013, 15, 971-981.	1.8	84
1520	Fusarium Oxysporum Growth Inhibition by a Siderophore-Producing Endophytic Bacterial Strain. , 2013, , .		0
1521	The first promoter for conditional gene expression in Acremonium chrysogenum: Iron starvation-inducible mir1P. Journal of Biotechnology, 2013, 163, 77-80.	1.9	18
1522	Effects of Bacteria on Cadmium Bioaccumulation in the Cadmium Hyperaccumulator PlantBeta Vulgaris Var. CiclaL.. International Journal of Phytoremediation, 2013, 15, 477-487.	1.7	12
1523	Identification and structural characterization of serobactins, a suite of lipopeptide siderophores produced by the grass endophyte <scp>H</scp>erbaspirillum seropedicae. Environmental Microbiology, 2013, 15, 916-927.	1.8	66
1524	Study of the siderophoreâ€producing Trichoderma asperellum Q1 on cucumber growth promotion under salt stress. Journal of Basic Microbiology, 2013, 53, 355-364.	1.8	112
1525	Multifarious beneficial traits and plant growth promoting potential of Serratia marcescens KiSII and Enterobacter sp. RNF 267 isolated from the rhizosphere of coconut palms (Cocos nucifera L.). World Journal of Microbiology and Biotechnology, 2013, 29, 109-117.	1.7	70
1526	Iron in Cyanobacteria. Advances in Botanical Research, 2013, , 57-105.	0.5	68
1527	Culturing, Media, and Handling of Legionella. Methods in Molecular Biology, 2013, 954, 151-162.	0.4	15
1528	Two Bacillus amyloliquefaciens strains isolated using the competitive tomato root enrichment method and their effects on suppressing Ralstonia solanacearum and promoting tomato plant growth. Crop Protection, 2013, 43, 134-140.	1.0	78
1529	Virulence of â€˜Dickeya solaniâ€™ and Dickeya dianthicola biovarâ€1 and â€7 strains on potato (Solanum tuberosum). Plant Pathology, 2013, 62, 597-610.	1.2	50
1530	Intraclonal diversity of the Pseudomonas aeruginosa cystic fibrosis airway isolates TBCF10839 and TBCF121838: distinct signatures of transcriptome, proteome, metabolome, adherence and pathogenicity despite an almost identical genome sequence. Environmental Microbiology, 2013, 15, 191-210.	1.8	66

#	Article	IF	Citations
1531	Influence of Nickel and Cadmium Resistant PGPB on Metal Accumulation and Growth Responses of Lycopersicon esculentum Plants Grown in Fly Ash Amended Soil. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	6
1532	Potential of willow and its genetically engineered associated bacteria to remediate mixed Cd and toluene contamination. Journal of Soils and Sediments, 2013, 13, 176-188.	1.5	52
1533	Development of novel agar media for isolating guaiacol producing Alicyclobacillus spp.. International Journal of Food Microbiology, 2013, 164, 1-6.	2.1	10
1534	Characterization of endophytic Rahnella sp. JN6 from Polygonum pubescens and its potential in promoting growth and Cd, Pb, Zn uptake by Brassica napus. Chemosphere, 2013, 90, 1960-1965.	4.2	192
1535	Bacteria diversity and arsenic mobilization in rock biofilm from an ancient gold and arsenic mine. Science of the Total Environment, 2013, 461-462, 330-340.	3.9	34
1536	The congeneric strain Ralstonia pickettii QL-A6 of Ralstonia solanacearum as an effective biocontrol agent for bacterial wilt of tomato. Biological Control, 2013, 65, 278-285.	1.4	50
1537	Phytoextraction of heavy metal polluted soils using Sedum plumbizincicola inoculated with metal mobilizing Phyllobacterium myrsinacearum RC6b. Chemosphere, 2013, 93, 1386-1392.	4.2	133
1538	Guava (Psidium guajava L.) rhizosphere Glomus mosseae spores harbor actinomycetes with growth promoting and antifungal attributes. Scientia Horticulturae, 2013, 150, 371-376.	1.7	38
1539	Putative Trichoderma harzianum mutant promotes cucumber growth by enhanced production of indole acetic acid and plant colonization. Plant and Soil, 2013, 368, 433-444.	1.8	81
1540	Bioprospecting in potato fields in the Central Andean Highlands: Screening of rhizobacteria for plant growth-promoting properties. Systematic and Applied Microbiology, 2013, 36, 116-127.	1.2	68
1541	Detection of iron-chelating and iron-reducing compounds in four brown rot fungi. Holzforschung, 2013, 67, 99-106.	0.9	11
1542	Enhancement of heavy metal phytoremediation by Alnus firma with endophytic Bacillus thuringiensis GDB-1. Journal of Hazardous Materials, 2013, 250-251, 477-483.	6.5	245
1543	Biocontrol potential of phylloplane bacterium Ochrobactrum anthropi BMO-111 against blister blight disease of tea. Journal of Applied Microbiology, 2013, 114, 209-218.	1.4	34
1544	Native soil bacteria isolates in Mexico exhibit a promising antagonistic effect against Fusarium oxysporum f. sp. radicisâ€lycopersici. Journal of Basic Microbiology, 2013, 53, 838-847.	1.8	10
1545	Isolation, Structure Elucidation, and Iron-Binding Properties of Lystabactins, Siderophores Isolated from a Marine Pseudoalteromonas sp.. Journal of Natural Products, 2013, 76, 648-654.	1.5	17
1546	Effect of combined oxidative and nitrosative stresses on Staphylococcus aureus transcriptome. Applied Microbiology and Biotechnology, 2013, 97, 2563-2573.	1.7	34
1547	Seed inoculation with plant growth promoting rhizobacteria enhances photosynthesis and yield of runner bean (Phaseolus coccineus L.). Scientia Horticulturae, 2013, 151, 22-29.	1.7	76
1548	Biological Control of Peronosporomycete Phytopathogen by Bacterial Antagonist. , 2013, , 167-218.		18

#	Article	IF	Citations
1549	Role of the Salmonella enterica serovar Typhi Fur regulator and small RNAs RfrA and RfrB in iron homeostasis and interaction with host cells. Microbiology (United Kingdom), 2013, 159, 591-602.	0.7	46
1550	Duganella sacchari sp. nov. and Duganella radicis sp. nov., two novel species isolated from rhizosphere of field-grown sugar cane. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 1126-1131.	0.8	29
1551	Rhizosphere bacteria ofCostulariaspp. from ultramafic soils in New Caledonia: diversity, tolerance to extreme edaphic conditions, and role in plant growth and mineral nutrition. Canadian Journal of Microbiology, 2013, 59, 164-174.	0.8	10
1552	Identification and characterization of a cluster of genes involved in biosynthesis and transport of acinetoferrin, a siderophore produced by Acinetobacter haemolyticus ATCC 17906T. Microbiology (United Kingdom), 2013, 159, 678-690.	0.7	9
1553	The effect of soil bioaugmentation with strains of Pseudomonas on Cd, Zn and Cu uptake by Sinapis alba L.. Chemosphere, 2013, 91, 1332-1337.	4.2	42
1554	Biotransformation of copper from Kupferschiefer black shale (Fore-Sudetic Monocline, Poland) by yeast Rhodotorula mucilaginosa LM9. Chemosphere, 2013, 91, 1257-1265.	4.2	30
1555	Plant growth promoting traits of phosphate-solubilizing rhizobacteria isolated from apple trees in trans Himalayan region of Himachal Pradesh. Archives of Microbiology, 2013, 195, 357-369.	1.0	25
1556	Evaluation of yeasts obtained from Antarctic soil samples as biocontrol agents for the management of postharvest diseases of apple (MalusÂÃ—Âdomestica). FEMS Yeast Research, 2013, 13, 189-199.	1.1	95
1557	Copper-Resistant Bacteria Enhance Plant Growth and Copper Phytoextraction. International Journal of Phytoremediation, 2013, 15, 573-584.	1.7	26
1558	A nonribosomal peptide synthetase mediates siderophore production and virulence in the citrus fungal pathogen <scp>A</scp>lternaria alternata. Molecular Plant Pathology, 2013, 14, 497-505.	2.0	92
1559	Nitrogenâ€fixing bacteria with multiple plant growthâ€promoting activities enhance growth of tomato and red pepper. Journal of Basic Microbiology, 2013, 53, 1004-1015.	1.8	75
1560	Genome-based cryptic gene discovery and functional identification of NRPS siderophore peptide in Streptomyces peucetius. Applied Microbiology and Biotechnology, 2013, 97, 1213-1222.	1.7	15
1561	Mitigation of salt stress in wheat seedlings by halotolerant bacteria isolated from saline habitats. SpringerPlus, 2013, 2, 6.	1.2	226
1562	Nodulation and effective nitrogen fixation of Macroptilium atropurpureum (siratro) by Burkholderia tuberum, a nodulating and plant growth promoting beta-proteobacterium, are influenced by environmental factors. Plant and Soil, 2013, 369, 543-562.	1.8	50
1563	Plant growth promoting potential of endophytic bacteria isolated from Piper nigrum. Plant Growth Regulation, 2013, 71, 1-11.	1.8	128
1564	<scp>ACC</scp> deaminase and <scp>IAA</scp> producing growth promoting bacteria from the rhizosphere soil of tropical rice plants. Journal of Basic Microbiology, 2013, 53, 972-984.	1.8	138
1565	Acrylamide biodegradation ability and plant growth-promoting properties of Variovorax boronicumulans CGMCC 4969. Biodegradation, 2013, 24, 855-864.	1.5	29
1566	Effect of indigenous Mesorhizobium spp. and plant growth promoting rhizobacteria on yields and nutrients uptake of chickpea (Cicer arietinum L.) under sustainable agriculture. Ecological Engineering, 2013, 51, 282-286.	1.6	188

#	Article	IF	Citations
1567	Role of heavy metal resistant Ochrobactrum sp. and Bacillus spp. strains in bioremediation of a rice cultivar and their PGPR like activities. Journal of Microbiology, 2013, 51, 11-17.	1.3	151
1568	Characterization of arsenic resistant bacteria from arsenic rich groundwater of West Bengal, India. Ecotoxicology, 2013, 22, 363-376.	1.1	94
1569	Water stress amelioration and plant growth promotion in wheat plants by osmotic stress tolerant bacteria. World Journal of Microbiology and Biotechnology, 2013, 29, 789-803.	1.7	118
1570	Effect of mycorrhiza-associated bacteria on enhancing colonization and sporulation ofGlomus mosseaeand growth promotion in sapota (Manilkara achras(Mill) Forsberg) seedlings. Biological Agriculture and Horticulture, 2013, 29, 118-131.	0.5	9
1571	A new approach to studying ion uptake by actinomycetes. Journal of Basic Microbiology, 2013, 53, 913-916.	1.8	8
1572	Characterization of Enterobacter intermedius MH8b and its use for the enhancement of heavy metals uptake by Sinapis alba L.. Applied Soil Ecology, 2013, 63, 1-7.	2.1	70
1573	Structure and Biosynthesis of Fimsbactins Aâ€“F, Siderophores from Acinetobacter baumannii and Acinetobacter baylyi. ChemBioChem, 2013, 14, 633-638.	1.3	72
1574	Diversity and plant growth promoting evaluation abilities of bacteria isolated from sugarcane cultivated in the South of Brazil. Applied Soil Ecology, 2013, 63, 94-104.	2.1	141
1575	Isolation of phytase-producing bacteria from Himalayan soils and their effect on growth and phosphorus uptake of Indian mustard (Brassica juncea). World Journal of Microbiology and Biotechnology, 2013, 29, 1361-1369.	1.7	97
1576	EFFECT OF METAL TOLERANT PLANT GROWTH PROMOTING BACTERIA ON GROWTH AND METAL ACCUMULATION INZEA MAYSPLANTS GROWN IN FLY ASH AMENDED SOIL. International Journal of Phytoremediation, 2013, 15, 743-755.	1.7	10
1577	Synthesis and antibacterial activity of conjugates between norfloxacin and analogues of the siderophore vanchrobactin. Bioorganic and Medicinal Chemistry, 2013, 21, 295-302.	1.4	36
1578	Phosphate solubilisation and plant growth promoting potential by stress tolerant Bacillus sp. isolated from rhizosphere of apple orchards in trans Himalayan region of Himachal Pradesh. Annals of Applied Biology, 2013, 163, 430-443.	1.3	25
1579	Detection of Iron Ligands in Seawater and Marine Cyanobacteria Cultures by High-Performance Liquid Chromatographyâ€“Inductively Coupled Plasma-Mass Spectrometry. Analytical Chemistry, 2013, 85, 4357-4362.	3.2	75
1580	Use of Rhizobium leguminosarum as a potential biofertilizer for Lactuca sativa and Daucus carota crops. Journal of Plant Nutrition and Soil Science, 2013, 176, 876-882.	1.1	99
1581	Isolation and structural identification of the trihydroxamate siderophore vicibactin and its degradative products from Rhizobium leguminosarum ATCC 14479 bv. trifolii. BioMetals, 2013, 26, 271-283.	1.8	18
1582	Heterologous Production of Desferrioxamines with a Fusion Biosynthetic Gene Cluster. Bioscience, Biotechnology and Biochemistry, 2013, 77, 2467-2472.	0.6	7
1583	Disruption of Mycobactin Biosynthesis Leads to Attenuation of Mycobacterium tuberculosis for Growth and Virulence. Journal of Infectious Diseases, 2013, 208, 1255-1265.	1.9	129
1584	Interplay between Siderophores and Colibactin Genotoxin Biosynthetic Pathways in Escherichia coli. PLoS Pathogens, 2013, 9, e1003437.	2.1	102

#	Article	IF	Citations
1585	Effect of <i>Pseudomonas aeruginosa</i> ZGKD2 on the Growth of <i>Amorpha fruticosa </i>L in Coal Gangue. Advanced Materials Research, 0, 807-809, 2023-2026.	0.3	0
1586	An antioxidant role for catecholate siderophores in Salmonella. Biochemical Journal, 2013, 454, 543-549.	1.7	49
1587	Plant Growth Promotion Potential Is Equally Represented in Diverse Grapevine Root-Associated Bacterial Communities from Different Biopedoclimatic Environments. BioMed Research International, 2013, 2013, 1-17.	0.9	40
1588	Role for Ferredoxin:NAD(P)H Oxidoreductase (FprA) in Sulfate Assimilation and Siderophore Biosynthesis in Pseudomonads. Journal of Bacteriology, 2013, 195, 3876-3887.	1.0	12
1589	Iron Transport Systems and Iron Homeostasis in Pseudomonas. Springer Briefs in Molecular Science, 2013, , 67-89.	0.1	5
1590	The Vibrio parahaemolyticus Small RNA RyhB Promotes Production of the Siderophore Vibrioferrin by Stabilizing the Polycistronic mRNA. Journal of Bacteriology, 2013, 195, 3692-3703.	1.0	19
1591	Iron and citrate export by a major facilitator superfamily pump regulates metabolism and stress resistance in Salmonella Typhimurium. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12054-12059.	3.3	88
1592	FeoB-Mediated Uptake of Iron by Francisella tularensis. Infection and Immunity, 2013, 81, 2828-2837.	1.0	30
1593	IntroducedPseudomonas fluorescensVUPf5 as an important biocontrol agent for controllingGaeumannomyces graminisvar.triticithe causal agent of take-all disease in wheat. Archives of Phytopathology and Plant Protection, 2013, 46, 2104-2116.	0.6	25
1594	Molecular detection of antibiotic related genes from Pseudomonas aeruginosa FP6, an antagonist towards Rhizoctonia solani and Colletotrichum gloeosporioides. Turkish Journal of Biology, 0, , .	2.1	5
1595	Exploitation of Rhizobacteria for Functional Traits in Mungbean. International Journal of Agriculture Environment and Biotechnology, 2013, 6, 533.	0.1	3
1596	Rapid Screening of Berseem Clover (Trifolium alexandrinum) Endophytic Bacteria for Rice Plant Seedlings Growth-Promoting Agents. ISRN Soil Science, 2013, 2013, 1-9.	0.8	9
1597	Characterization of all <scp>RND</scp>â€type multidrug efflux transporters in Vibrio parahaemolyticus. MicrobiologyOpen, 2013, 2, 725-742.	1.2	25
1598	Identification of quorum sensingâ€controlled genes in <scp>B</scp>urkholderia ambifaria. MicrobiologyOpen, 2013, 2, 226-242.	1.2	39
1599	Characterization ofRhizobiumsp. Q32 Isolated from Weathered Rocks and its Role in Silicate Mineral Weathering. Geomicrobiology Journal, 2013, 30, 616-622.	1.0	31
1600	Abiotic oxidation of Fe(<scp>II</scp>) by reactive nitrogen species in cultures of the nitrateâ€reducing Fe(<scp>II</scp>) oxidizer <scp>A</scp>cidovorax sp. BoFeN1 â€“ questioning the existence of enzymatic Fe(<scp>II</scp>) oxidation. Geobiology, 2013, 11, 180-190.	1.1	224
1601	Manuka honey inhibits siderophore production in Pseudomonas aeruginosa. Journal of Applied Microbiology, 2013, 115, 86-90.	1.4	35
1602	Characterisation of Pseudomonas chlororaphis subsp. aurantiaca strain Pa40 with the ability to control wheat sharp eyespot disease. Annals of Applied Biology, 2013, 163, 444-453.	1.3	8

#	Article	IF	Citations
1603	Plant Growthâ€Promoting Bacteria from Solarized Soil with the Ability to Protect Melon Against Root Rot and Vine Decline Caused by Monosporascus cannonballus. Journal of Phytopathology, 2013, 161, 485-496.	0.5	9
1604	Bacterial communities associated with <scp>B</scp>rassica napusâ€¦<scp>L</scp>. grown on trace elementâ€contaminated and nonâ€contaminated fields: a genotypic and phenotypic comparison. Microbial Biotechnology, 2013, 6, 371-384.	2.0	75
1605	Characterization of the Achromobactin Iron Acquisition Operon in Sodalis glossinidius. Applied and Environmental Microbiology, 2013, 79, 2872-2881.	1.4	21
1606	Inoculation of phosphate solubilizing bacteria for the improvement of lead accumulation byBrassica juncea. Environmental Technology (United Kingdom), 2013, 34, 463-469.	1.2	6
1607	Identification of volatile compounds produced by the bacterium Burkholderia tropica that inhibit the growth of fungal pathogens. Bioengineered, 2013, 4, 236-243.	1.4	93
1608	Aureimonas ferruginea sp. nov. and Aureimonas rubiginis sp. nov., two siderophore-producing bacteria isolated from rusty iron plates. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2430-2435.	0.8	24
1609	Characterization of a Gene Encoding the Outer Membrane Receptor for Ferric Enterobactin in <i>Aeromonas hydrophila</i> ATCC 7966^T. Bioscience, Biotechnology and Biochemistry, 2013, 77, 353-360.	0.6	12
1610	PLANT GROWTH-PROMOTING BACTERIAL ENDOPHYTES FROM SUGARCANE AND THEIR POTENTIAL IN PROMOTING GROWTH OF THE HOST UNDER FIELD CONDITIONS. Experimental Agriculture, 2013, 49, 43-52.	0.4	23
1611	Identification of Burkholderia cenocepacia Strain H111 Virulence Factors Using Nonmammalian Infection Hosts. Infection and Immunity, 2013, 81, 143-153.	1.0	40
1612	Identification of an iron acquisition machinery in Flavobacterium columnare. Diseases of Aquatic Organisms, 2013, 106, 129-138.	0.5	20
1613	The contribution of Fe(III) and humic acid reduction to ecosystem respiration in drained thaw lake basins of the Arctic Coastal Plain. Global Biogeochemical Cycles, 2013, 27, 399-409.	1.9	55
1614	Bisucaberin B, a Linear Hydroxamate Class Siderophore from the Marine Bacterium Tenacibaculum mesophilum. Molecules, 2013, 18, 3917-3926.	1.7	35
1615	Characterization of Alcaligenes faecalis strain AD15 indicating biocontrol activity against plant pathogens. Journal of General and Applied Microbiology, 2013, 59, 89-95.	0.4	18
1616	Screening and characterization of native Pseudomonas sp. as plant growth promoting rhizobacteria in chickpea (Cicer arietinum L.) rhizosphere. African Journal of Microbiology Research, 2013, 7, 1465-1474.	0.4	23
1617	Enhanced Biological Control of Phytophthora Blight of Pepper by Biosurfactant-Producing Pseudomonas. Plant Pathology Journal, 2013, 29, 418-426.	0.7	26
1618	Tn5 siderophore producing mutants of Rhizobium and its role in nitrogen fixation and iron uptake in pigeonpea. African Journal of Microbiology Research, 2013, 7, 1459-1464.	0.4	2
1619	Genetic diversity of iturin producing strains of Bacillus species antagonistic to Ralstonia solanacerarum causing bacterial wilt disease in tomato. African Journal of Microbiology Research, 2013, 7, 5459-5470.	0.4	11
1620	Screening of beneficial properties of rhizobacteria isolated from Saffron (Crocus sativus L) rhizosphere. African Journal of Microbiology Research, 2013, 7, 2905-2910.	0.4	14

#	Article	IF	Citations
1621	Phosphate solubilizing rhizobacteria from an organic farm and their influence on the growth and yield of maize (Zea mays L.). Journal of General and Applied Microbiology, 2013, 59, 295-303.	0.4	26
1622	Response of Burkholderia cenocepacia H111 to Micro-Oxia. PLoS ONE, 2013, 8, e72939.	1.1	46
1623	The Regulatory Role of Ferric Uptake Regulator (Fur) during Anaerobic Respiration of Shewanella piezotolerans WP3. PLoS ONE, 2013, 8, e75588.	1.1	22
1624	Turnerbactin, a Novel Triscatecholate Siderophore from the Shipworm Endosymbiont Teredinibacter turnerae T7901. PLoS ONE, 2013, 8, e76151.	1.1	55
1625	Stress Conditions Triggering Mucoid Morphotype Variation in Burkholderia Species and Effect on Virulence in Galleria mellonella and Biofilm Formation In Vitro. PLoS ONE, 2013, 8, e82522.	1.1	17
1626	Colonization and plant growth promoting characterization of endophytic Pseudomonas chlororaphis strain Zong1 isolated from Sophora alopecuroides root nodules. Brazilian Journal of Microbiology, 2013, 44, 629-637.	0.8	39
1627	Screening and characterization of rhizobacterial strains of Bacillus spp. isolated from rhizosphere of cauliflower (Brassica oleracea var. botrytis L.). African Journal of Microbiology Research, 2013, 7, 1657-1663.	0.4	4
1628	Enhancing grain iron content of rice by the application of plant growth promoting rhizobacteria. Plant, Soil and Environment, 2013, 59, 89-94.	1.0	106
1629	In planta selection of plant growth promoting endophytic bacteria for rice (Oryza sativa L.). Journal of Soil Science and Plant Nutrition, 2014, , 0-0.	1.7	28
1630	Phase Variation in Myxococcus xanthus Yields Cells Specialized for Iron Sequestration. PLoS ONE, 2014, 9, e95189.	1.1	12
1631	Genome Analysis of Bacillus amyloliquefaciens Subsp. plantarum UCMB5113: A Rhizobacterium That Improves Plant Growth and Stress Management. PLoS ONE, 2014, 9, e104651.	1.1	114
1632	Hydroxamate Production as a High Affinity Iron Acquisition Mechanism in Paracoccidioides Spp. PLoS ONE, 2014, 9, e105805.	1.1	44
1633	Culturable Heavy Metal-Resistant and Plant Growth Promoting Bacteria in V-Ti Magnetite Mine Tailing Soil from Panzhihua, China. PLoS ONE, 2014, 9, e106618.	1.1	72
1634	Pyrophosphate-Mediated Iron Acquisition from Transferrin in Neisseria meningitidis Does Not Require TonB Activity. PLoS ONE, 2014, 9, e107612.	1.1	7
1635	IscR Regulation of Capsular Polysaccharide Biosynthesis and Iron-Acquisition Systems in Klebsiella pneumoniae CG43. PLoS ONE, 2014, 9, e107812.	1.1	29
1636	A Model to Explain Plant Growth Promotion Traits: A Multivariate Analysis of 2,211 Bacterial Isolates. PLoS ONE, 2014, 9, e116020.	1.1	61
1637	Diversity, Biocontrol, and Plant Growth Promoting Abilities of Xylem Residing Bacteria from Solanaceous Crops. International Journal of Microbiology, 2014, 2014, 1-14.	0.9	50
1638	Isolation and Molecular Characterization of Potential Plant Growth PromotingBacillus cereusGGBSTD1 andPseudomonasspp. GGBSTD3 from Vermisources. Advances in Agriculture, 2014, 2014, 1-13.	0.3	4

#	Article	IF	Citations
1639	Antagonistic Evaluation of Bioactive Metabolite from Endophytic Fungus, Aspergillus flavipes KF671231. Journal of Mycology, 2014, 2014, 1-5.	0.5	20
1640	Plant growth promoting capability and genetic diversity of bacteria isolated from mud volcano and lime cave of Andaman and Nicobar Islands. Brazilian Journal of Microbiology, 2014, 45, 1271-1281.	0.8	16
1641	Generation and screening of a comprehensive Mycobacterium avium subsp. paratuberculosis transposon mutant bank. Frontiers in Cellular and Infection Microbiology, 2014, 4, 144.	1.8	13
1642	Norepinephrine and dopamine increase motility, biofilm formation, and virulence of Vibrio harveyi. Frontiers in Microbiology, 2014, 5, 584.	1.5	46
1643	Efecto de rizobacterias promotoras de crecimiento vegetal solubilizadoras de fosfato en Lactuca sativa cultivar White Boston. Revista Colombiana De BiotecnologÃa, 2014, 16, 122-128.	0.5	11
1644	Growth enhancement in vegetable crops by multifunctional resident plant growth promoting rhizobacteria under tropical Island Ecosystem. African Journal of Microbiology Research, 2014, 8, 2436-2448.	0.4	6
1645	Production of Avaroferrin and Putrebactin by Heterologous Expression of a Deep-Sea Metagenomic DNA. Marine Drugs, 2014, 12, 4799-4809.	2.2	17
1646	Genetic diversity and plant growth promoting activity of salt tolerant rhizobacteria from rice (Oryza) Tj ETQq1 1 0.784314 rgBT /Over	0.4	0
1647	Control of Fusarium wilt using biological agent Streptomyces sp.CPP-53 isolated from compost with plant growth promoting effect on tomato under greenhouse condition. Journal of Microbiology and Antimicrobials, 2014, 6, 97-103.	0.3	11
1648	Genetic diversity and symbiotic compatibility among rhizobial strains and Desmodium incanum and Lotus spp. plants. Genetics and Molecular Biology, 2014, 37, 396-405.	0.6	15
1649	Bio Control Potential of Pseudomonas fluorescens against Coleus Root Rot Disease. Journal of Plant Pathology & Microbiology, 2014, 05, .	0.3	10
1650	Scrutinizing Rhizobia to Rescue Maize Growth under Reduced Water Conditions. Soil Science Society of America Journal, 2014, 78, 538-545.	1.2	20
1651	Screening of free living rhizobacteria associated with wheat rhizosphere for plant growth promoting traits. African Journal of Agricultural Research Vol Pp, 2014, 9, 1094-1100.	0.2	9
1652	The Use and Benefits of Bacillus Based Biological Agents in Aquaculture. , 0, , .		4
1653	Identification of the Hydroxamate Siderophore Ferricrocin in Cladosporium cladosporioides. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	5
1654	Gibberellins synthesized by the entomopathogenic bacterium, Photorhabdus temperata M1021 as one of the factors of rice plant growth promotion. Journal of Plant Interactions, 2014, 9, 775-782.	1.0	21
1655	Biological control of bacterial spot disease and plant growth-promoting effects of lactic acid bacteria on pepper. Biocontrol Science and Technology, 2014, 24, 763-779.	0.5	51
1656	Iron-Induced Virulence of Salmonella enterica Serovar Typhimurium at the Intestinal Epithelial Interface Can Be Suppressed by Carvacrol. Antimicrobial Agents and Chemotherapy, 2014, 58, 1664-1670.	1.4	12

#	Article	IF	Citations
1657	Isolation and characterization of rhizosphere auxin producing Bacilli and evaluation of their potency on wheat growth improvement. Archives of Agronomy and Soil Science, 2014, 60, 895-905.	1.3	24
1658	The Effect of Long-Term Cd and Ni Exposure on Seed Endophytes ofAgrostis capillarisand Their Potential Application in Phytoremediation of Metal-Contaminated Soils. International Journal of Phytoremediation, 2014, 16, 643-659.	1.7	46
1659	Functional diversity of culturable phosphate solubilizing fluorescent pseudomonads. Indian Journal of Agricultural Research, 2014, 48, 472.	0.0	1
1660	Pyoverdine synthesis by the Mn(II)-oxidizing bacterium Pseudomonas putida GB-1. Frontiers in Microbiology, 2014, 5, 202.	1.5	22
1661	Biochemical Characterization and Molecular Fingerprinting of Plant Growth Promoting Rhizobacteria. International Journal of Agriculture Environment and Biotechnology, 2014, 7, 491.	0.1	1
1662	Genome-wide analysis of copper, iron and zinc transporters in the arbuscular mycorrhizal fungus Rhizophagus irregularis. Frontiers in Plant Science, 2014, 5, 547.	1.7	120
1663	Biocontrol of Fusarium Crown and Root Rot and Promotion of Growth of Tomato byPaenibacillusStrains Isolated from Soil. Mycobiology, 2014, 42, 158-166.	0.6	53
1664	Evaluation of Phytase Producing Bacteria for Their Plant Growth Promoting Activities. International Journal of Microbiology, 2014, 2014, 1-7.	0.9	86
1665	Transcriptomic analysis of Staphylococcus xylosus in the presence of nitrate and nitrite in meat reveals its response to nitrosative stress. Frontiers in Microbiology, 2014, 5, 691.	1.5	30
1666	Inhibitors of TonB Function Identified by a High-Throughput Screen for Inhibitors of Iron Acquisition in Uropathogenic Escherichia coli CFT073. MBio, 2014, 5, e01089-13.	1.8	42
1667	Species boundaries and nomenclature of Rhizopus arrhizus (syn. R. oryzae). Mycoses, 2014, 57, 108-127.	1.8	56
1668	Metallophore mapping in complex matrices by metal isotope coded profiling of organic ligands. Analyst, The, 2014, 139, 6096-6099.	1.7	30
1669	Bacterial biosynthesis of 1-aminocyclopropane-1-caboxylate (ACC) deaminase, a useful trait to elongation and endophytic colonization of the roots of rice under constant flooded conditions. Physiology and Molecular Biology of Plants, 2014, 20, 425-434.	1.4	83
1670	Yersiniosis in <scp>A</scp>tlantic cod, <scp>G</scp>adus morhua (<scp>L</scp>.), characterization of the infective strain and host reactions. Journal of Fish Diseases, 2014, 37, 511-519.	0.9	13
1671	Bioweathering of nontronite colloids in hybrid silica gel: implications for iron mobilization. Journal of Applied Microbiology, 2014, 116, 325-334.	1.4	6
1672	Effect of Inoculation and Co-inoculation of Acinetobacter sp. RG30 and Pseudomonas putida GN04 on Growth, Fitness, and Copper Accumulation of Maize (Zea mays). Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	36
1673	Interactions of three soil bacteria species with phyllosilicate surfaces in hybrid silica gels. FEMS Microbiology Letters, 2014, 354, 37-45.	0.7	11
1674	Plant growth-promoting potential of bacteria isolated from active volcano sites of Barren Island, India. Letters in Applied Microbiology, 2014, 58, 130-137.	1.0	17

#	Article	IF	Citations
1675	ISOLATION AND CHARACTERIZATION OF RHIZOBIA AND PLANT GROWTH-PROMOTING RHIZOBACTERIA AND THEIR EFFECTS ON GROWTH OF RICE SEEDLINGS. American Journal of Agricultural and Biological Science, 2014, 9, 342-360.	0.9	42
1676	Host-Nonspecific Iron Acquisition Systems and Virulence in the Zoonotic Serovar of Vibrio vulnificus. Infection and Immunity, 2014, 82, 731-744.	1.0	17
1677	Genome Mining: Concept and Strategies for Natural Product Discovery. Progress in the Chemistry of Organic Natural Products, 2014, 99, 199-245.	0.8	15
1678	Genetic, physiological and biochemical characterization of Bacillussp. strain RMB7 exhibiting plant growth promoting and broad spectrum antifungal activities. Microbial Cell Factories, 2014, 13, 144.	1.9	20
1679	Antagonistic bacteria with potential for biocontrol onRhizopus stoloniferobtained from blackberry fruits. Fruits, 2014, 69, 41-46.	0.3	5
1680	AcrB, AcrD, and MdtABC Multidrug Efflux Systems Are Involved in Enterobactin Export in Escherichia coli. PLoS ONE, 2014, 9, e108642.	1.1	98
1681	Potential plant growth promoting activity ofPseudomonas fluorescenssp. isolated from cotton (Gossypium hirsutum) crop. Indian Journal of Agricultural Research, 2014, 48, 97.	0.0	2
1682	Paenibacillus yonginensis sp. nov., a potential plant growth promoting bacterium isolated from humus soil of Yongin forest. Antonie Van Leeuwenhoek, 2014, 106, 935-945.	0.7	32
1683	Loss of Social Behaviours in Populations of Pseudomonas aeruginosa Infecting Lungs of Patients with Cystic Fibrosis. PLoS ONE, 2014, 9, e83124.	1.1	77
1684	Physiological and Proteomic Analysis of Escherichia coli Iron-Limited Chemostat Growth. Journal of Bacteriology, 2014, 196, 2748-2761.	1.0	69
1685	Isolation and selection of fluorescent pseudomonads based on multiple plant growth promotion traits and siderotyping. Chilean Journal of Agricultural Research, 2014, 74, 319-325.	0.4	18
1686	Characterization ofAneurinibacillus aneurinilyticusStrain CKMV1 as a Plant Growth Promoting Rhizobacteria. International Journal of Agriculture Environment and Biotechnology, 2014, 7, 37.	0.1	11
1687	Innoculant technology in Populus deltoides rhizosphere for effective bioremediation of Polyaromatic hydrocarbons (PAHs) in contaminated soil, Northern India. Emirates Journal of Food and Agriculture, 2014, 26, 786.	1.0	7
1688	Dissolution of Arsenic Minerals Mediated by Dissimilatory Arsenate Reducing Bacteria: Estimation of the Physiological Potential for Arsenic Mobilization. BioMed Research International, 2014, 2014, 1-12.	0.9	49
1689	Propionibacterium -Produced Coproporphyrin III Induces Staphylococcus aureus Aggregation and Biofilm Formation. MBio, 2014, 5, e01286-14.	1.8	80
1690	Colonization by endophytic <scp>O</scp>chrobactrum anthropiâ€...<scp>M</scp>n1 promotes growth of <scp>J</scp>erusalem artichoke. Microbial Biotechnology, 2014, 7, 601-610.	2.0	24
1691	The attenuated virulence of a <scp>B</scp>urkholderia cenocepaciaâ€...<scp>paaABCDE</scp> mutant is due to inhibition of quorum sensing by release of phenylacetic acid. Molecular Microbiology, 2014, 94, 522-536.	1.2	17
1692	Brachybacterium ginsengisoli sp. nov., isolated from soil of a ginseng field. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3063-3068.	0.8	19

#	Article	IF	Citations
1693	Rhizoremediation of phenol and chromium by the synergistic combination of a native bacterial strain and Brassica napus hairy roots. International Biodeterioration and Biodegradation, 2014, 88, 192-198.	1.9	54
1694	Isolation and characterization of chitinolytic Streptomyces sp. MT7 and its antagonism towards wood-rotting fungi. Annals of Microbiology, 2014, 64, 531-541.	1.1	31
1695	Isolation and characterization of drought-tolerant ACC deaminase and exopolysaccharide-producing fluorescent Pseudomonas sp.. Annals of Microbiology, 2014, 64, 493-502.	1.1	186
1696	Genetic and functional diversity of fluorescent Pseudomonas from rhizospheric soils of wheat crop. Journal of Basic Microbiology, 2014, 54, 425-437.	1.8	18
1697	Diversity of native rhizobia isolated in south Brazil and their growth promotion effect on white clover (Trifolium repens) and rice (Oryza sativa) plants. Biology and Fertility of Soils, 2014, 50, 123-132.	2.3	13
1698	Isolation and characterization of plant growth promoting endophytic diazotrophic bacteria from Korean rice cultivars. Microbiological Research, 2014, 169, 83-98.	2.5	314
1699	Plant growth regulation of Bt-cotton through Bacillus species. 3 Biotech, 2014, 4, 305-315.	1.1	26
1700	Isolation and characterization of siderophore producing antagonistic rhizobacteria against Rhizoctonia solani. Journal of Basic Microbiology, 2014, 54, 585-597.	1.8	66
1701	Structural and functional diversity of rhizobacteria associated with Rauwolfia spp. across the Western Ghat regions of Karnataka, India. World Journal of Microbiology and Biotechnology, 2014, 30, 163-173.	1.7	7
1702	Effect of Bacillus subtilis Strain CKT1 as Inoculum on Growth of Tomato Seedlings Under Net House Conditions. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2014, 84, 145-155.	0.4	36
1703	Utilizing pyrene-degrading endophytic bacteria to reduce the risk of plant pyrene contamination. Plant and Soil, 2014, 374, 251-262.	1.8	61
1704	A novel rhizobacterium Bk7 for biological control of brown sheath rot of rice caused by Pseudomonas fuscovaginae and its mode of action. European Journal of Plant Pathology, 2014, 138, 819-834.	0.8	21
1705	Streptomyces sp. S160: a potential antagonist against chickpea charcoal root rot caused by Macrophomina phaseolina (Tassi) Goid. Annals of Microbiology, 2014, 64, 1113-1122.	1.1	8
1706	Bacteria associated with yellow lupine grown on a metalâ€contaminated soil: in vitro screening and in vivo evaluation for their potential to enhance Cd phytoextraction. Plant Biology, 2014, 16, 988-996.	1.8	14
1707	The complex interplay of iron, biofilm formation, and mucoidy affecting antimicrobial resistance ofPseudomonas aeruginosa. Pathogens and Disease, 2014, 70, 307-320.	0.8	74
1708	The role of bacterial consortium and organic amendment in Cu and Fe isotope fractionation in plants on a polluted mine site. Environmental Science and Pollution Research, 2014, 21, 6836-6844.	2.7	10
1709	Development and evaluation of water-in-oil formulation of Pseudomonas fluorescens (FP7) against Colletotrichum musae incitant of anthracnose disease in banana. European Journal of Plant Pathology, 2014, 138, 167-180.	0.8	18
1710	Plant Growth-Promoting Traits in Enterobacter cloacae subsp. dissolvens MDSR9 Isolated from Soybean Rhizosphere and its Impact on Growth and Nutrition of Soybean and Wheat Upon Inoculation. Agricultural Research, 2014, 3, 53-66.	0.9	67

#	Article	IF	Citations
1711	Bacterial Biosynthesis of 1-Aminocyclopropane-1-Carboxylate (ACC) Deaminase and Indole-3-Acetic Acid (IAA) as Endophytic Preferential Selection Traits by Rice Plant Seedlings. Journal of Plant Growth Regulation, 2014, 33, 654-670.	2.8	88
1712	Potential of Siderophore Production by Bacteria Isolated from Heavy Metal: Polluted and Rhizosphere Soils. Current Microbiology, 2014, 68, 717-723.	1.0	23
1713	Siderophore Production by Bacillus megaterium: Effect of Growth Phase and Cultural Conditions. Applied Biochemistry and Biotechnology, 2014, 172, 549-560.	1.4	51
1714	Isolation of a multi-trait plant growth promoting Brevundimonas sp. and its effect on the growth of Bt-cotton. 3 Biotech, 2014, 4, 97-101.	1.1	39
1715	Gordonia sp.: a salt tolerant bacterial inoculant for growth promotion of pearl millet under saline soil conditions. 3 Biotech, 2014, 4, 553-557.	1.1	11
1716	Multifarious plant growth promoting characteristics of chickpea rhizosphere associated Bacilli help to suppress soil-borne pathogens. Plant Growth Regulation, 2014, 73, 91-101.	1.8	62
1717	Novel phosphate solubilizing bacteria â€˜Pantoea cypripedii PS1â€™ along with Enterobacter aerogenes PS16 and Rhizobium ciceri enhance the growth of chickpea (Cicer arietinum L.). Plant Growth Regulation, 2014, 73, 79-89.	1.8	25
1718	Siderophore biosynthesis genes of Rhizobium sp. isolated from Cicer arietinum L.. 3 Biotech, 2014, 4, 391-401.	1.1	56
1719	Isolation and characterization of plant growth promoting endophytic bacteria from the rhizome of Zingiber officinale. 3 Biotech, 2014, 4, 197-204.	1.1	132
1720	Screening of plant growth-promoting traits in arsenic-resistant bacteria isolated from agricultural soil and their potential implication for arsenic bioremediation. Journal of Hazardous Materials, 2014, 272, 112-120.	6.5	85
1721	Enhancement of Cd phytoextraction by two Amaranthus species with endophytic Rahnella sp. JN27. Chemosphere, 2014, 103, 99-104.	4.2	98
1722	Screening of plant growth-promoting rhizobacteria as elicitor of systemic resistance against gray leaf spot disease in pepper. Applied Soil Ecology, 2014, 73, 1-8.	2.1	87
1723	A novel siderophoreâ€independent strategy of iron uptake in the genus <scp>B</scp>urkholderia. Molecular Microbiology, 2014, 91, 805-820.	1.2	46
1724	Evaluation of plant growth promoting activities of microbial strains and their effect on growth and yield of chickpea (Cicer arietinum L.) in India. Soil Biology and Biochemistry, 2014, 70, 33-37.	4.2	84
1725	Influence of Pseudomonas aeruginosa as PGPR on oxidative stress tolerance in wheat under Zn stress. Ecotoxicology and Environmental Safety, 2014, 104, 285-293.	2.9	223
1726	Cadmium-tolerant bacteria induce metal stress tolerance in cereals. Environmental Science and Pollution Research, 2014, 21, 11054-11065.	2.7	117
1727	Involvement of ligninolytic enzymes in degradation of wheat straw byTrametes trogii. Journal of Applied Microbiology, 2014, 117, 85-95.	1.4	11
1728	Effect of Cd-tolerant plant growth-promoting rhizobium on plant growth and Cd uptake by Lolium multiflorum Lam. and Glycine max (L.) Merr. in Cd-contaminated soil. Plant and Soil, 2014, 375, 205-214.	1.8	141

#	Article	IF	Citations
1729	A new PGPR co-inoculated with Bradyrhizobium japonicum enhances soybean nodulation. Microbiological Research, 2014, 169, 609-615.	2.5	173
1730	Characterization of Bacteria in the Rhizosphere Soils ofPolygonum Pubescensand Their Potential in Promoting Growth and Cd, Pb, Zn Uptake byBrassica napus. International Journal of Phytoremediation, 2014, 16, 321-333.	1.7	119
1731	Mechanism of phosphate solubilization and antifungal activity of Streptomyces spp. isolated from wheat roots and rhizosphere and their application in improving plant growth. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	208
1732	Depth-Related Changes in Community Structure of Culturable Mineral Weathering Bacteria and in Weathering Patterns Caused by Them along Two Contrasting Soil Profiles. Applied and Environmental Microbiology, 2014, 80, 29-42.	1.4	50
1733	The endophyte Enterobacter sp. FD17: a maize growth enhancer selected based on rigorous testing of plant beneficial traits and colonization characteristics. Biology and Fertility of Soils, 2014, 50, 249-262.	2.3	133
1734	Bacterial community compositions of tomato (Lycopersicum esculentum Mill.) seeds and plant growth promoting activity of ACC deaminase producing Bacillus subtilis (HYT-12-1) on tomato seedlings. World Journal of Microbiology and Biotechnology, 2014, 30, 835-845.	1.7	146
1735	Role of phosphate-solubilizing bacteria in improving the soil fertility and crop productivity in organic farming. Archives of Agronomy and Soil Science, 2014, 60, 549-564.	1.3	51
1736	Isolation and Characterization of Antimicrobial Cyclic Dipeptides from Pseudomonas fluorescens and Their Efficacy on Sorghum Grain Mold Fungi. Chemistry and Biodiversity, 2014, 11, 92-100.	1.0	22
1737	Antifungal attributes of siderophore produced by the Pseudomonas aeruginosa JASâ€25. Journal of Basic Microbiology, 2014, 54, 418-424.	1.8	52
1738	Involvement of Trichoderma asperellum strain T6 in regulating iron acquisition in plants. Journal of Basic Microbiology, 2014, 54, S115-24.	1.8	45
1739	Chlorocatechelins A and B from Streptomyces sp.: New Siderophores Containing Chlorinated Catecholate Groups and an Acylguanidine Structure. Organic Letters, 2014, 16, 6108-6111.	2.4	27
1740	Growth promotion of the opportunistic human pathogen, Staphylococcus lugdunensis , by heme, hemoglobin, and coculture with Staphylococcus aureus. MicrobiologyOpen, 2014, 3, 182-195.	1.2	20
1741	Antagonistic potential of native strain Streptomyces aurantiogriseus VSMGT1014 against sheath blight of rice disease. World Journal of Microbiology and Biotechnology, 2014, 30, 3149-3161.	1.7	39
1742	An antiâ€Aspergillus protein from Escherichia coli <scp>DH</scp>5Î±: Putative inhibitor of siderophore biosynthesis in Aspergillus fumigatus. Mycoses, 2014, 57, 153-162.	1.8	6
1743	A new species of <scp>B</scp>urkholderia isolated from sugarcane roots promotes plant growth. Microbial Biotechnology, 2014, 7, 142-154.	2.0	91
1744	Combined effect of chemical fertilisers and rhizosphere-competentBacillus subtilisBSK17 on yield ofCicer arietinum. Archives of Phytopathology and Plant Protection, 2014, 47, 2305-2318.	0.6	23
1745	Enhanced uptake and translocation of arsenic in Cretan brake fern (Pteris cretica L.) through siderophorearsenic complex formation with an aid of rhizospheric bacterial activity. Journal of Hazardous Materials, 2014, 280, 536-543.	6.5	36
1746	Amphiphilic siderophore production by oil-associating microbes. Metallomics, 2014, 6, 1150-1155.	1.0	35

#	Article	IF	Citations
1747	The Two-Component Regulators GacS and GacA Positively Regulate a Nonfluorescent Siderophore through the Gac/Rsm Signaling Cascade in High-Siderophore-Yielding Pseudomonas sp. Strain HYS. Journal of Bacteriology, 2014, 196, 3259-3270.	1.0	40
1748	The BCESM genomic region contains a regulator involved in quorum sensing and persistence in Burkholderia cenocepacia J2315. Future Microbiology, 2014, 9, 845-860.	1.0	11
1749	Identification and functional characteristics of chlorpyrifosâ€degrading and plant growth promoting bacterium Acinetobacter calcoaceticus. Journal of Basic Microbiology, 2014, 54, 457-463.	1.8	27
1750	Unsaturated Macrocyclic Dihydroxamic Acid Siderophores Produced by Shewanella putrefaciens Using Precursor-Directed Biosynthesis. ACS Chemical Biology, 2014, 9, 945-956.	1.6	33
1751	Mining the Metabiome: Identifying Novel Natural Products from Microbial Communities. Chemistry and Biology, 2014, 21, 1211-1223.	6.2	166
1752	Avian pathogenic Escherichia coli Î”tonB mutants are safe and protective live-attenuated vaccine candidates. Veterinary Microbiology, 2014, 173, 289-298.	0.8	9
1753	Alcanivorax borkumensis produces an extracellular siderophore in iron-limitation condition maintaining the hydrocarbon-degradation efficiency. Marine Genomics, 2014, 17, 43-52.	0.4	27
1754	Reactive oxygen species in the citrus fungal pathogen Alternaria alternata: The roles of NADPH-dependent oxidase. Physiological and Molecular Plant Pathology, 2014, 88, 10-17.	1.3	22
1755	Micronutrient Enhancement and Localization in Rice Grains under Influence of Plant Growth Promoting Rhizobacteria. Journal of Crop Improvement, 2014, 28, 502-517.	0.9	5
1756	Culturable endophytic bacteria enhance Ni translocation in the hyperaccumulator Noccaea caerulescens. Chemosphere, 2014, 117, 538-544.	4.2	68
1757	Pseudomonas fluorescensJH 70-4 promotes Pb stabilization and early seedling growth of Sudan grass in contaminated mining site soil. Environmental Technology (United Kingdom), 2014, 35, 2589-2596.	1.2	18
1758	Altered desferrioxamine-mediated iron utilization is a common trait of bald mutants of Streptomyces coelicolor. Metallomics, 2014, 6, 1390-1399.	1.0	36
1759	Impact of plant growth promoting Pseudomonas monteilii PsF84 and Pseudomonas plecoglossicid a PsF610 on metal uptake and production of secondary metabolite (monoterpenes) by rose-scented geranium (Pelargonium graveolens cv. bourbon) grown on tannery sludge amended soil. Chemosphere, 2014, 117, 433-439.	4.2	55
1760	Interaction between atypical microorganisms andE. coliin catheter-associated urinary tract biofilms. Biofouling, 2014, 30, 893-902.	0.8	27
1761	Diversity and characterization of culturable bacterial endophytes from Zea mays and their potential as plant growth-promoting agents in metal-degraded soils. Environmental Science and Pollution Research, 2014, 21, 14110-14123.	2.7	77
1762	Pumping iron to keep fit: modulation of siderophore secretion helps efficient aromatic utilization in Pseudomonas putida KT2440. Microbiology (United Kingdom), 2014, 160, 1393-1400.	0.7	15
1763	Assessment of ecological diversity of rhizobacterial communities in vermicompost and analysis of their potential to improve plant growth. Biologia (Poland), 2014, 69, 968-976.	0.8	13
1764	Fungal cell-wall lytic enzymes, antifungal metabolite(s) production, and characterization fromStreptomyces exfoliatusMT9 for controlling fruit-rotting fungi. Journal of Basic Microbiology, 2014, 54, 1295-1309.	1.8	28

#	Article	IF	Citations
1765	Effects of freshwater bacterial siderophore on Microcystis and Anabaena. Biological Control, 2014, 78, 42-48.	1.4	15
1766	Non-rhizobial peanut nodule bacteria promote maize (Zea mays L.) and peanut (Arachis hypogaea L.) growth in a simulated crop rotation system. Applied Soil Ecology, 2014, 84, 208-212.	2.1	14
1767	Microbial Tailoring of Acyl Peptidic Siderophores. Biochemistry, 2014, 53, 2624-2631.	1.2	14
1768	Growth promotion and induction of antioxidant system of tomato seedlings (Solanum lycopersicum) Tj ETQq1 1 0.784314 rgBT /Ove	1.7	13
1769	Metachelins, Mannosylated and N-Oxidized Coprogen-Type Siderophores from Metarhizium robertsii. Journal of Natural Products, 2014, 77, 1685-1692.	1.5	33
1770	Tomato plant growth promotion and antibacterial related-mechanisms of four rhizobacterial Bacillus strains against Ralstonia solanacearum. Symbiosis, 2014, 63, 59-70.	1.2	69
1771	Diazotrophic bacteria associated with sisal (Agave sisalana Perrine ex Engelm): potential for plant growth promotion. Plant and Soil, 2014, 385, 37-48.	1.8	15
1772	Hyalachelins Aâ€“C, Unusual Siderophores Isolated from the Terrestrial Myxobacterium Hyalangium minutum. Organic Letters, 2014, 16, 4130-4133.	2.4	43
1773	Dinuclear [(V^VO(putrebactin))₂(Î¼-OCH₃)₂] Formed in Solution as Established from LC-MS Measurements Using ⁵⁰V-Enriched V₂O₅. Inorganic Chemistry, 2014, 53, 5852-5861.	1.9	10
1774	The Sinorhizobium meliloti EmrR Regulator Is Required for Efficient Colonization of Medicago sativa Root Nodules. Molecular Plant-Microbe Interactions, 2014, 27, 388-399.	1.4	22
1775	Exploring the rhizospheric and endophytic bacterial communities of Acer pseudoplatanus growing on a TNT-contaminated soil: towards the development of a rhizocompetent TNT-detoxifying plant growth promoting consortium. Plant and Soil, 2014, 385, 15-36.	1.8	54
1776	Isolation and Characterization of Putative Endophytic Bacteria Antagonistic to Phoma tracheiphila and Verticillium albo-atrum. Applied Biochemistry and Biotechnology, 2014, 174, 365-375.	1.4	21
1777	Molecular diversity and functional variability of environmental isolates of Bacillus species. SpringerPlus, 2014, 3, 312.	1.2	39
1778	Characterization of arsenite-oxidizing bacteria isolated from arsenic-contaminated groundwater of West Bengal. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 1481-1492.	0.9	39
1779	Biosynthesis of Amphi-enterobactin Siderophores by Vibrio harveyi BAA-1116: Identification of a Bifunctional Nonribosomal Peptide Synthetase Condensation Domain. Journal of the American Chemical Society, 2014, 136, 5615-5618.	6.6	45
1780	Influence of Bacillus spp. strains on seedling growth and physiological parameters of sorghum under moisture stress conditions. Journal of Basic Microbiology, 2014, 54, 951-961.	1.8	92
1781	Multifunctional Exopolysaccharides from Pseudomonas aeruginosa PF23 Involved in Plant Growth Stimulation, Biocontrol and Stress Amelioration in Sunflower Under Saline Conditions. Current Microbiology, 2014, 69, 484-494.	1.0	143
1782	Maize development and grain quality are differentially affected by mycorrhizal fungi and a growth-promoting pseudomonad in the field. Mycorrhiza, 2014, 24, 161-170.	1.3	90

#	Article	IF	Citations
1783	Functional analysis of pyochelin-/enantiopyochelin-related genes from a pathogenicity island of Pseudomonas aeruginosa strain PA14. BioMetals, 2014, 27, 559-573.	1.8	6
1784	Tricalcium phosphate solubilisation by new endophyte Bacillus methylotrophicus CKAM isolated from apple root endosphere and its plant growth-promoting activities. Acta Physiologiae Plantarum, 2014, 36, 2033-2045.	1.0	40
1785	Characterization and Fungal Inhibition Activity of Siderophore from Wheat Rhizosphere Associated Acinetobacter calcoaceticus Strain HIRFA32. Indian Journal of Microbiology, 2014, 54, 315-322.	1.5	26
1786	Plant Growth Promoting Bacteria from Cow Dung Based Biodynamic Preparations. Indian Journal of Microbiology, 2014, 54, 413-418.	1.5	53
1787	Survey of Plant Drought-Resistance Promoting Bacteria from Populus euphratica Tree Living in Arid Area. Indian Journal of Microbiology, 2014, 54, 419-426.	1.5	35
1788	Diversity of diazotrophs in arid and semi-arid regions of Haryana and evaluation of their plant growth promoting potential on Bt-cotton and pearl millet. Annals of Microbiology, 2014, 64, 1301-1313.	1.1	8
1789	Vicia sativaâ€“rhizospheric bacteria interactions to improve phenol remediation. International Journal of Environmental Science and Technology, 2014, 11, 1679-1690.	1.8	8
1790	The requirement for the LysR-type regulator PtrA for Pseudomonas chlororaphis PA23 biocontrol revealed through proteomic and phenotypic analysis. BMC Microbiology, 2014, 14, 94.	1.3	10
1791	Bacterial Siderophores That Evade or Overwhelm Lipocalin 2 Induce Hypoxia Inducible Factor 1Î± and Proinflammatory Cytokine Secretion in Cultured Respiratory Epithelial Cells. Infection and Immunity, 2014, 82, 3826-3836.	1.0	54
1792	Phosphate-solubilizing rhizobacteria enhance Zea mays growth in agricultural P-deficient soils. Ecological Engineering, 2014, 73, 526-535.	1.6	123
1793	Adaptation of Iron Homeostasis Pathways by a Pseudomonas aeruginosa Pyoverdine Mutant in the Cystic Fibrosis Lung. Journal of Bacteriology, 2014, 196, 2265-2276.	1.0	145
1794	FurC Regulates Expression of zupT for the Central Zinc Importer ZupT of Cupriavidus metallidurans. Journal of Bacteriology, 2014, 196, 3461-3471.	1.0	20
1795	Proteus mirabilis alleviates zinc toxicity by preventing oxidative stress in maize (Zea mays) plants. Ecotoxicology and Environmental Safety, 2014, 110, 143-152.	2.9	84
1796	Identification of a Positively Charged Platform in Staphylococcus aureus HtsA That Is Essential for Ferric Staphyloferrin A Transport. Biochemistry, 2014, 53, 5060-5069.	1.2	11
1797	Utilization of endophytic strain Bacillus sp. SBER3 for biodegradation of polyaromatic hydrocarbons (PAH) in soil model system. European Journal of Soil Biology, 2014, 60, 67-76.	1.4	76
1798	Evaluation of Bacillus-fortified organic fertilizer for controlling tobacco bacterial wilt in greenhouse and field experiments. Applied Soil Ecology, 2014, 75, 86-94.	2.1	75
1799	Characterization of a ferric uptake regulator (Fur)-mutant of the cyanotrophic bacterium Pseudomonas pseudoalcaligenes CECT5344. Journal of Biotechnology, 2014, 190, 2-10.	1.9	19
1800	Growth stimulation of barley and biocontrol effect on plant pathogenic fungi by a Cellulosimicrobium sp. strain isolated from salt-affected rhizosphere soil in northwestern Algeria. European Journal of Soil Biology, 2014, 61, 20-26.	1.4	57

#	Article	IF	Citations
1801	Diversity of cultivable rhizobacteria across tomato growing regions of Karnataka. Biological Control, 2014, 72, 9-16.	1.4	27
1802	Annual ryegrass-associated bacteria with potential for plant growth promotion. Microbiological Research, 2014, 169, 768-779.	2.5	39
1803	Evaluation of Streptomyces strains isolated from herbal vermicompost for their plant growth-promotion traits in rice. Microbiological Research, 2014, 169, 40-48.	2.5	144
1804	Siderophores in environmental research: roles and applications. Microbial Biotechnology, 2014, 7, 196-208.	2.0	738
1805	Effect of seed inoculation with indigenous Rhizobium and plant growth promoting rhizobacteria on nutrients uptake and yields of chickpea (Cicer arietinum L.). European Journal of Soil Biology, 2014, 63, 70-77.	1.4	61
1806	Aerobactin Mediates Virulence and Accounts for Increased Siderophore Production under Iron-Limiting Conditions by Hypervirulent (Hypermucoviscous) Klebsiella pneumoniae. Infection and Immunity, 2014, 82, 2356-2367.	1.0	198
1807	Identification and characterization of endophytic bacteria from corn (Zea mays L.) roots with biotechnological potential in agriculture. AMB Express, 2014, 4, 26.	1.4	118
1808	Diversity of endophytic bacteria in Lolium perenne and their potential to degrade petroleum hydrocarbons and promote plant growth. Chemosphere, 2014, 117, 40-46.	4.2	87
1809	Isolation of endophytic bacteria from embryogenic suspension culture of banana and assessment of their plant growth promoting properties. Plant Cell, Tissue and Organ Culture, 2014, 118, 57-66.	1.2	44
1810	Phytoremediation of soils co-contaminated by organic compounds and heavy metals: Bioassays with Lupinus luteus L. and associated endophytic bacteria. Journal of Environmental Management, 2014, 143, 197-207.	3.8	48
1811	Co-inoculation integrated with P-enriched compost improved nodulation and growth of Chickpea (Cicer arietinum L.) under irrigated and rainfed farming systems. Biology and Fertility of Soils, 2014, 50, 1-12.	2.3	58
1812	Isolation and characterization of endophytic plant growth-promoting bacteria (PGPB) associated to the sodicity tolerant polyembryonic mango (Mangifera indica L.) root stock and growth vigour in rice under saline sodic environment. African Journal of Microbiology Research, 2014, 8, 628-636.	0.4	15
1813	Growth promotion of the rice genotypes by pgprs isolated from rice rhizosphere. Journal of Soil Science and Plant Nutrition, 2014, , 0-0.	1.7	15
1814	Regulators Involved in Dickeya solani Virulence, Genetic Conservation, and Functional Variability. Molecular Plant-Microbe Interactions, 2014, 27, 700-711.	1.4	49
1815	Soil Biology. , 2014, , 771-888.		1
1817	Complementarity among plant growth promoting traits in rhizospheric bacterial communities promotes plant growth. Scientific Reports, 2015, 5, 15500.	1.6	56
1818	Siderophore: Structural And Functional Characterisation â€“ A Comprehensive Review. Agriculture, 2015, 61, 97-114.	0.2	18
1819	Analysis of hydroxamate siderophores in soil solution using liquid chromatography with mass spectrometry and tandem mass spectrometry with on-line sample preconcentration. Journal of Separation Science, 2015, 38, 3305-3312.	1.3	7

#	Article	IF	Citations
1820	A quick rhizobacterial selection tests for the remediation of copper contaminated soils. Journal of Applied Microbiology, 2015, 119, 435-445.	1.4	10
1821	Induction of a quorum sensing pathway by environmental signals enhances group <scp>A</scp> streptococcal resistance to lysozyme. Molecular Microbiology, 2015, 97, 1097-1113.	1.2	38
1822	The N-acetyltransferase gene-implicated iron acquisition contributes to host specificity of Pseudomonas cichorii strain SPC9018 and its virulence. Physiological and Molecular Plant Pathology, 2015, 92, 14-21.	1.3	3
1823	Comparison of Xenorhabdus bovienii bacterial strain genomes reveals diversity in symbiotic functions. BMC Genomics, 2015, 16, 889.	1.2	22
1824	Harnessing Enzymatic Promiscuity in Myxochelin Biosynthesis for the Production of 5â€Lipoxygenase Inhibitors. ChemBioChem, 2015, 16, 2445-2450.	1.3	21
1825	Discovery and Characterization of New Hydroxamate Siderophores, Baumannoferrin A and B, produced by Acinetobacter baumannii. ChemBioChem, 2015, 16, 1896-1904.	1.3	73
1826	Beneficial rhizospheric microorganisms mediated plant growth promotion and suppression of aflatoxigenic fungal and aflatoxin contamination in groundnut seeds. Annals of Applied Biology, 2015, 167, 225-235.	1.3	9
1827	Plant growthâ€promoting effects of native Pseudomonas strains on Mentha piperita (peppermint): an inÂvitro study. Plant Biology, 2015, 17, 1218-1226.	1.8	72
1828	IAA production by Bacillus sp. JH 2â€2 promotes Indian mustard growth in the presence of hexavalent chromium. Journal of Basic Microbiology, 2015, 55, 652-658.	1.8	26
1829	Influence of psychrotolerant plant growth-promoting rhizobacteria (PGPR) as coinoculants with Rhizobium on growth parameters and yield of lentil (Lens culinaris Medikus). African Journal of Microbiology Research, 2015, 9, 258-264.	0.4	8
1830	SOIL FUNGISTASIS AGAINST FUSARIUM GRAMINEARUM UNDER DIFFERENT CROP MANAGEMENT SYSTEMS. Revista Brasileira De Ciencia Do Solo, 2015, 39, 69-77.	0.5	9
1831	Antagonistic Activities of Bacillus spp. Strains Isolated from Tidal Flat Sediment Towards Anthracnose Pathogens Colletotrichum acutatum and C. gloeosporioides in South Korea. Plant Pathology Journal, 2015, 31, 165-175.	0.7	59
1832	Impact of arbuscular mycorrhizal fungus, Glomus intraradices, Streptomyces and Pseudomonas spp. strain on finger millet (Eleusine coracana L.) cv Korchara under water deficit condition. African Journal of Biotechnology, 2015, 14, 3219-3227.	0.3	9
1833	Screening and characterization of endophytic Bacillus and Paenibacillus strains from medicinal plant Lonicera japonica for use as potential plant growth promoters. Brazilian Journal of Microbiology, 2015, 46, 977-989.	0.8	111
1834	In vitro antagonism of soil and chickpea nodule isolates against Fusarium oxysporum f. sp. ciceris in chickpea. African Journal of Microbiology Research, 2015, 9, 360-364.	0.4	1
1835	Deducing the Bio-Perspective Capabilities of Fe(II) Oxidizing Bacterium Isolated from Extreme Environment. Biochemistry and Analytical Biochemistry: Current Research, 2015, 04, .	0.4	2
1836	The icmF3 locus is involved in multiple adaptation- and virulence-related characteristics in Pseudomonas aeruginosa PAO1. Frontiers in Cellular and Infection Microbiology, 2015, 5, 70.	1.8	35
1837	Root-associated bacterial endophytes from Ralstonia solanacearum resistant and susceptible tomato cultivars and their pathogen antagonistic effects. Frontiers in Microbiology, 2015, 6, 255.	1.5	84

#	Article	IF	Citations
1838	Identification of iron and heme utilization genes in Aeromonas and their role in the colonization of the leech digestive tract. Frontiers in Microbiology, 2015, 6, 763.	1.5	19
1839	Assessment of Culturable Tea Rhizobacteria Isolated from Tea Estates of Assam, India for Growth Promotion in Commercial Tea Cultivars. Frontiers in Microbiology, 2015, 6, 1252.	1.5	52
1840	Root Associated Bacillus sp. Improves Growth, Yield and Zinc Translocation for Basmati Rice (Oryza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	110
1841	A Plasmid-Transposon Hybrid Mutagenesis System Effective in a Broad Range of Enterobacteria. Frontiers in Microbiology, 2015, 6, 1442.	1.5	13
1842	Endophytic Cultivable Bacteria of the Metal Bioaccumulator Spartina maritima Improve Plant Growth but Not Metal Uptake in Polluted Marshes Soils. Frontiers in Microbiology, 2015, 6, 1450.	1.5	97
1843	Immunogenicity of conserved cork and Î²-barrel domains of baumannii acinetobactin utilization protein in an animal model. Turkish Journal of Medical Sciences, 2015, 45, 1396-1402.	0.4	12
1844	Plants Probiotics as a Tool to Produce Highly Functional Fruits: The Case of Phyllobacterium and Vitamin C in Strawberries. PLoS ONE, 2015, 10, e0122281.	1.1	106
1845	Beneficial Bacteria Isolated from Grapevine Inner Tissues Shape Arabidopsis thaliana Roots. PLoS ONE, 2015, 10, e0140252.	1.1	41
1846	Isolation of Pantoea ananatis from sugarcane and characterization of its potential for plant growth promotion. Genetics and Molecular Research, 2015, 14, 15301-15311.	0.3	33
1847	Plant Beneficial Endophytic Bacteria from the Ethnomedicinal Mussaenda roxburghii (Akshap) of Eastern Himalayan Province, India. Advances in Biology, 2015, 2015, 1-8.	1.2	11
1848	Resistance to and Accumulation of Heavy Metals by Actinobacteria Isolated from Abandoned Mining Areas. Scientific World Journal, The, 2015, 2015, 1-14.	0.8	70
1849	Production and Metabolism of Indole Acetic Acid in Root Nodules and Symbiont (<i>Rhizobium) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Journal of Botany, 2015, 2015, 1-11.	1.2	27
1850	Screening of plant growth promoting bacteria associated with barley plants (Hordeum vulgare L.) cultivated in South Brazil. Biota Neotropica, 2015, 15, .	1.0	14
1851	Bioprospecting glacial ice for plant growth promoting bacteria. Microbiological Research, 2015, 177, 1-7.	2.5	38
1852	Growth Inhibition of Bacterial Fish Pathogens and Quorumâ€Sensing Blocking by Bacteria Recovered from Chilean Salmonid Farms. Journal of Aquatic Animal Health, 2015, 27, 112-122.	0.6	19
1853	Plant Growth Promoting Rhizobacteria (PGPR): Current and Future Prospects for Development of Sustainable Agriculture. Journal of Microbial & Biochemical Technology, 2015, 07, .	0.2	183
1854	Paenibacillus oenotherae sp. nov. and Paenibacillus hemerocallicola sp. nov., isolated from the roots of herbaceous plants. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2717-2725.	0.8	23
1855	Curcumin rescues Caenorhabditis elegans from a Burkholderia pseudomallei infection. Frontiers in Microbiology, 2015, 6, 290.	1.5	33

#	Article	IF	Citations
1856	Siderophores Production by Azospirillum: Biological Importance, Assessing Methods and Biocontrol Activity. , 2015, , 251-262.		2
1857	Isolation and Characterization of a Highly Siderophore Producing Bacillus subtilis Strain. Lecture Notes in Electrical Engineering, 2015, , 83-92.	0.3	2
1858	Phytoremediation of Metal Contaminated Soil Using Willow: Exploiting Plant-Associated Bacteria to Improve Biomass Production and Metal Uptake. International Journal of Phytoremediation, 2015, 17, 1123-1136.	1.7	55
1859	Complete Genome Sequence and Transcriptomic Analysis of the Novel PathogenElizabethkingia anophelisin Response to Oxidative Stress. Genome Biology and Evolution, 2015, 7, 1676-1685.	1.1	34
1860	Induction of resistance inCamellia sinensisagainstSclerotium rolfsiiby dual application ofRhizophagus fasciculatusandBacillus pumilus. Archives of Phytopathology and Plant Protection, 2015, 48, 825-840.	0.6	3
1861	Functional analysis of the <italic>aefR</italic> mutation and identification of its binding site in <italic>Pseudomonas syringae</italic> pv. <italic>tabaci</italic> 11528. Acta Biochimica Et Biophysica Sinica, 2015, 47, 938-945.	0.9	6
1862	Application ofBacillus pumilusas a potential biocontrol agent ofFusariumwilt of tomato. Archives of Phytopathology and Plant Protection, 2015, 48, 841-849.	0.6	31
1863	5. Bacterial and Archaeal Diversity on Cave Speleothem and Rock Surfaces: A Carbonate Cave Case Study from Kartchner Caverns. , 2015, , 105-124.		1
1864	Arachidicoccus rhizosphaerae gen. nov., sp. nov., a plant-growth-promoting bacterium in the family Chitinophagaceae isolated from rhizosphere soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 578-586.	0.8	95
1865	Paenibacillus yonginensis DCY84T induces changes in Arabidopsis thaliana gene expression against aluminum, drought, and salt stress. Microbiological Research, 2015, 172, 7-15.	2.5	100
1866	Development of microbial consortia as a biocontrol agent for effective management of fungal diseases inGlycine maxL.. Archives of Phytopathology and Plant Protection, 2015, 48, 459-474.	0.6	40
1867	Exploring plant growth promoting potential of non rhizobial root nodules endophytes of Vigna radiata. Microbiology, 2015, 84, 80-89.	0.5	55
1868	Molecular Analysis of Asymptomatic Bacteriuria Escherichia coli Strain VR50 Reveals Adaptation to the Urinary Tract by Gene Acquisition. Infection and Immunity, 2015, 83, 1749-1764.	1.0	24
1869	Biological control ofBotrytis cinereaand plant growth promotion potential byPenicillium citrinumin chickpea (Cicer arietinumL.). Biocontrol Science and Technology, 2015, 25, 739-755.	0.5	17
1870	Isolation of plant-growth-promoting rhizobacteria from rhizospheric soil of halophytes and their impact on maize (Zea maysL.) under induced soil salinity. Canadian Journal of Microbiology, 2015, 61, 307-313.	0.8	116
1871	Assessment of genetic diversity and plant growth promoting attributes of psychrotolerant bacteria allied with wheat (Triticum aestivum) from the northern hills zone of India. Annals of Microbiology, 2015, 65, 1885-1899.	1.1	245
1872	Bacterial ability in AsIII oxidation and AsV reduction: Relation to arsenic tolerance, P uptake, and siderophore production. Chemosphere, 2015, 138, 995-1000.	4.2	66
1873	Plant-Growth-Promoting Rhizobacteria (PGPR) and Medicinal Plants. Soil Biology, 2015, , .	0.6	24

#	Article	IF	Citations
1874	Diversity in Endophyte Populations Reveals Functional and Taxonomic Diversity between Wild and Domesticated Grapevines. American Journal of Enology and Viticulture, 2015, 66, 12-21.	0.9	45
1875	Myxochelins Target Human 5-Lipoxygenase. Journal of Natural Products, 2015, 78, 335-338.	1.5	29
1876	A new fluorimetric method for the detection and quantification of siderophores using Calcein Blue, with potential as a bacterial detection tool. Applied Microbiology and Biotechnology, 2015, 99, 2339-2349.	1.7	7
1877	Interaction of rhizobacterial strains for growth improvement of Crocus sativus L. under tissue culture conditions. Plant Cell, Tissue and Organ Culture, 2015, 121, 325-334.	1.2	24
1878	Role of the Carboxy Terminus of SecA in Iron Acquisition, Protein Translocation, and Virulence of the Bacterial Pathogen Acinetobacter baumannii. Infection and Immunity, 2015, 83, 1354-1365.	1.0	13
1879	Characterisation of antagonistic Bacillus and Pseudomonas strains for biocontrol potential and suppression of dampingâ€off and root rot diseases. Annals of Applied Biology, 2015, 166, 456-471.	1.3	71
1880	Tributyltin Chloride (TBTCl)-Enhanced Exopolysaccharide and Siderophore Production in an Estuarine Alcaligenes faecalis Strain. Archives of Environmental Contamination and Toxicology, 2015, 68, 612-621.	2.1	6
1881	Microbacterium panaciterrae sp. nov., isolated from the rhizosphere of ginseng. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 927-933.	0.8	13
1882	Tn5 insertion in the tonB gene promoter affects iron-related phenotypes and increases extracellular siderophore levels in Gluconacetobacter diazotrophicus. Archives of Microbiology, 2015, 197, 223-233.	1.0	6
1883	Iron limitation enhances acyl homoserine lactone (AHL) production and biofilm formation in clinical isolates ofAcinetobacter baumannii. Virulence, 2015, 6, 152-161.	1.8	42
1884	Prospecting cold deserts of north western Himalayas for microbial diversity and plant growth promoting attributes. Journal of Bioscience and Bioengineering, 2015, 119, 683-693.	1.1	179
1885	Potential use of Pseudomonas koreensis AGB-1 in association with Miscanthus sinensis to remediate heavy metal(loid)-contaminated mining site soil. Journal of Environmental Management, 2015, 151, 160-166.	3.8	210
1886	Arachis hypogaea PGPR isolated from Argentine soil modifies its lipids components in response to temperature and salinity. Microbiological Research, 2015, 173, 1-9.	2.5	55
1887	Endophytic infection alleviates biotic stress in sunflower through regulation of defence hormones, antioxidants and functional amino acids. European Journal of Plant Pathology, 2015, 141, 803-824.	0.8	75
1888	Utilization of rhizospheric Streptomyces for biological control of Rigidoporus sp. causing white root disease in rubber tree. European Journal of Plant Pathology, 2015, 142, 93-105.	0.8	19
1889	Antifungal activities of indigenous plant growth promotingPseudomonasspp. from alfalfa and clover rhizosphere. Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2015, 8, 131-138.	1.1	14
1890	Zoonotic Potential of Escherichia coli Isolates from Retail Chicken Meat Products and Eggs. Applied and Environmental Microbiology, 2015, 81, 1177-1187.	1.4	156
1891	Siderophores. , 2015, , .		9

#	Article	IF	Citations
1892	Implication of limited iron acquisition by Pseudomonas cichorii strain SPC9018 in its reduced virulence on eggplant. Journal of General Plant Pathology, 2015, 81, 136-141.	0.6	7
1893	AM fungi and PGP pseudomonads increase flowering, fruit production, and vitamin content in strawberry grown at low nitrogen and phosphorus levels. Mycorrhiza, 2015, 25, 181-193.	1.3	131
1894	Functional diversity of phosphate solubilizing plant growth promoting rhizobacteria isolated from apple trees in the Trans Himalayan region of Himachal Pradesh, India. Biological Agriculture and Horticulture, 2015, 31, 265-288.	0.5	18
1895	Ascorbic acid production in root, nodule and Enterobacter spp. (Gammaproteobacteria) isolated from root nodule of the legume Abrus precatorius L.. Biocatalysis and Agricultural Biotechnology, 2015, 4, 127-134.	1.5	14
1896	Characterization of plant growth promotingBacillusstrains and their potential as crop protectants againstPhytophthora capsiciin tomato. Biological Agriculture and Horticulture, 2015, 31, 230-244.	0.5	15
1897	Cellâ€“cell signalling promotes ferric iron uptake in <scp>X</scp>anthomonas oryzae pv. oryzicola that contribute to its virulence and growth inside rice. Molecular Microbiology, 2015, 96, 708-727.	1.2	38
1898	Indole-3-acetic acid (IAA) production trait, a useful screening to select endophytic and rhizosphere competent bacteria for rice growth promoting agents. MethodsX, 2015, 2, 72-78.	0.7	193
1899	Plant growth-promoting traits of phosphate solubilizing bacteria isolated from Hippophae rhamnoides L. (Sea-buckthorn) growing in cold desert Trans-Himalayan Lahul and Spiti regions of India. Acta Physiologiae Plantarum, 2015, 37, 1.	1.0	22
1900	Bifidobacteria strains isolated from stools of iron deficient infants can efficiently sequester iron. BMC Microbiology, 2015, 15, 3.	1.3	47
1901	Effects of sublethal doses of silver nanoparticles on Bacillus subtilis planktonic and sessile cells. Journal of Applied Microbiology, 2015, 118, 1103-1115.	1.4	46
1902	Alleviation of salt stress in germination of Vigna radiata L. by two halotolerant Bacilli sp. isolated from saline habitats of Gujarat. Plant Growth Regulation, 2015, 76, 51-60.	1.8	28
1903	Trichoderma species mediated differential tolerance against biotic stress of phytopathogens in Cicer arietinum L.. Journal of Basic Microbiology, 2015, 55, 195-206.	1.8	50
1904	Effect of cadmium stress and inoculation with a heavy-metal-resistant bacterium on the growth and enzyme activity of Sorghum bicolor. Environmental Science and Pollution Research, 2015, 22, 16098-16109.	2.7	26
1905	The plant-growth-promoting bacterium Klebsiella sp. SBP-8 confers induced systemic tolerance in wheat (Triticum aestivum) under salt stress. Journal of Plant Physiology, 2015, 184, 57-67.	1.6	197
1906	RhizobacteriaofPopulus euphraticaPromoting Plant Growth Against Heavy Metals. International Journal of Phytoremediation, 2015, 17, 973-980.	1.7	13
1907	Inoculation with endophytic Bacillus megaterium 1Y31 increases Mn accumulation and induces the growth and energy metabolism-related differentially-expressed proteome in Mn hyperaccumulator hybrid pennisetum. Journal of Hazardous Materials, 2015, 300, 513-521.	6.5	35
1908	Inoculation with Metal-Mobilizing Plant-Growth-Promoting RhizobacteriumBacillussp. SC2b and Its Role in Rhizoremediation. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 931-944.	1.1	67
1909	Wild Blueberry (Vaccinium angustifolium Ait.) Polyphenols Target Fusobacterium nucleatum and the Host Inflammatory Response: Potential Innovative Molecules for Treating Periodontal Diseases. Journal of Agricultural and Food Chemistry, 2015, 63, 6999-7008.	2.4	50

#	Article	IF	Citations
1910	Biotransformation of tributyltin chloride to less toxic dibutyltin dichloride and monobutyltin trichloride by Klebsiella pneumoniae strain SD9. International Biodeterioration and Biodegradation, 2015, 104, 212-218.	1.9	11
1911	Effects of bio-organic fertilizer on pepper growth and Fusarium wilt biocontrol. Scientia Horticulturae, 2015, 193, 114-120.	1.7	45
1912	Intracellular siderophore but not extracellular siderophore is required for full virulence in Metarhizium robertsii. Fungal Genetics and Biology, 2015, 82, 56-68.	0.9	32
1913	Controlling bacterial leaf blight of rice and enhancing the plant growth with endophytic and rhizobacterialBacillusstrains. Toxicological and Environmental Chemistry, 2015, 97, 766-785.	0.6	26
1914	A Transmissible Plasmid-Borne Pathogenicity Island Confers Piscibactin Biosynthesis in the Fish Pathogen Photobacterium damselae subsp. piscicida. Applied and Environmental Microbiology, 2015, 81, 5867-5879.	1.4	48
1915	The Sustainability of Agro-Food and Natural Resource Systems in the Mediterranean Basin. , 2015, , .		21
1916	Comparative genomics of Roseobacter clade bacteria isolated from the accessory nidamental gland of Euprymna scolopes. Frontiers in Microbiology, 2015, 6, 123.	1.5	37
1917	Antagonistic effect ofMesorhizobium ciceriIsolates onFusarium oxysporum F. Sp.Ciceri. Legume Research, 2015, 38, 115.	0.0	1
1918	Pesticidal activity of metal oxide nanoparticles on plant pathogenic isolates of Pythium. Ecotoxicology, 2015, 24, 1305-1314.	1.1	75
1919	Chemical Synthesis of Staphyloferrin B Affords Insight into the Molecular Structure, Iron Chelation, and Biological Activity of a Polycarboxylate Siderophore Deployed by the Human Pathogen Staphylococcus aureus. Journal of the American Chemical Society, 2015, 137, 9117-9127.	6.6	33
1920	Diversity and role of plasmids in adaptation of bacteria inhabiting the Lubin copper mine in Poland, an environment rich in heavy metals. Frontiers in Microbiology, 2015, 6, 152.	1.5	83
1921	Promotion of arsenic phytoextraction efficiency in the fern Pteris vittata by the inoculation of As-resistant bacteria: a soil bioremediation perspective. Frontiers in Plant Science, 2015, 6, 80.	1.7	107
1922	Molecular insights into a molluscan transferrin homolog identified from disk abalone (Haliotis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 Comparative Immunology, 2015, 53, 222-233.	1.0	8
1923	Environmental Microbial Biotechnology. Soil Biology, 2015, , .	0.6	5
1924	A natural rice rhizospheric bacterium abates arsenic accumulation in rice (Oryza sativa L.). Planta, 2015, 242, 1037-1050.	1.6	63
1925	Isolation screening and characterisation of local beneficial rhizobacteria based upon their ability to suppress the growth ofFusarium oxysporumf. sp.radicis-lycopersiciand tomato foot and root rot. Biocontrol Science and Technology, 2015, 25, 928-949.	0.5	24
1926	Biodiversity and plant growth promoting traits of culturable endophytic actinobacteria associated with Jatropha curcas L. growing in Panxi dry-hot valley soil. Applied Soil Ecology, 2015, 93, 47-55.	2.1	89
1927	Isolation and characterization of endophytic plant growth-promoting bacteria from date palm tree (Phoenix dactylifera L.) and their potential role in salinity tolerance. Antonie Van Leeuwenhoek, 2015, 107, 1519-1532.	0.7	161

#	Article	IF	Citations
1928	Melanogenic actinomycetes from rhizosphere soil â€" antagonistic activity against Xanthomonas oryzae and plant-growth-promoting traits. Canadian Journal of Microbiology, 2015, 61, 164-170.	0.8	21
1929	Cupriavidus yeoncheonense sp. nov., isolated from soil of ginseng. Antonie Van Leeuwenhoek, 2015, 107, 749-758.	0.7	22
1930	Bacillus thuringiensis C25 which is rich in cell wall degrading enzymes efficiently controls lettuce drop caused by Sclerotinia minor. European Journal of Plant Pathology, 2015, 142, 577-589.	0.8	43
1931	Influence of Various Levels of Iron and Other Abiotic Factors on Siderophorogenesis in Paddy Field Cyanobacterium Anabaena oryzae. Applied Biochemistry and Biotechnology, 2015, 176, 372-386.	1.4	12
1932	Effects of two plant growth-promoting rhizobacteria containing 1-aminocyclopropane-1-carboxylate deaminase on oat growth in petroleum-contaminated soil. International Journal of Environmental Science and Technology, 2015, 12, 3887-3894.	1.8	23
1933	Genome mining reveals unlocked bioactive potential of marine Gram-negative bacteria. BMC Genomics, 2015, 16, 158.	1.2	96
1934	Effects of iron availability on competition betweenMicrocystisandPseudanabaenaorChlorellaspecies. European Journal of Phycology, 2015, 50, 260-270.	0.9	9
1935	Lead-resistant strain KQBT-3 inoculants ofTricholoma lobayensisHeim that enhance remediation of lead-contaminated soil. Environmental Technology (United Kingdom), 2015, 36, 2451-2458.	1.2	5
1936	Handbook for Azospirillum. , 2015, , .		30
1937	Epilithonimonas ginsengisoli sp. nov., isolated from soil of a ginseng field. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 122-128.	0.8	14
1938	A Pseudomonas guariconensis strain capable of promoting growth and controlling collar rot disease in Arachis hypogaea L. Plant and Soil, 2015, 390, 369-381.	1.8	25
1939	Divergent Targets of Aspergillus fumigatus AcuK and AcuM Transcription Factors during Growth In Vitro versus Invasive Disease. Infection and Immunity, 2015, 83, 923-933.	1.0	29
1940	Exploring <scp>ComQXPA</scp> quorumâ€sensing diversity and biocontrol potential of <scp>B</scp>acillus spp. isolates from tomato rhizoplane. Microbial Biotechnology, 2015, 8, 527-540.	2.0	35
1941	Fe³⁺/Fe²⁺ Mycobactinâ€Complex Electrochemistry as an Approach to Determine Mycobactin Levels in Urine. Electroanalysis, 2015, 27, 833-842.	1.5	4
1942	Prospecting plant growth promoting bacteria and cyanobacteria as options for enrichment of macro- and micronutrients in grains in riceâ€"wheat cropping sequence. Cogent Food and Agriculture, 2015, 1, 1037379.	0.6	62
1943	The salmochelin receptor IroN itself, but not salmochelin-mediated iron uptake promotes biofilm formation in extraintestinal pathogenic Escherichia coli (ExPEC). International Journal of Medical Microbiology, 2015, 305, 435-445.	1.5	17
1944	Interplay between enterobactin, myeloperoxidase and lipocalin 2 regulates E. coli survival in the inflamed gut. Nature Communications, 2015, 6, 7113.	5.8	96
1945	Colonization of lettuce rhizosphere and roots by tagged Streptomyces. Frontiers in Microbiology, 2015, 6, 25.	1.5	79

#	Article	IF	Citations
1946	Antifungal modes of action of Saccharomyces and other biocontrol yeasts against fungi isolated from sour and grey rots. International Journal of Food Microbiology, 2015, 204, 91-100.	2.1	42
1947	Paracoccus panacisoli sp. nov., isolated from a forest soil cultivated with Vietnamese ginseng. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1491-1497.	0.8	17
1948	Bacillus rigiliprofundi sp. nov., an endospore-forming, Mn-oxidizing, moderately halophilic bacterium isolated from deep subseafloor basaltic crust. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1992-1998.	0.8	32
1949	Comparative genome analysis reveals genetic adaptation to versatile environmental conditions and importance of biofilm lifestyle in Comamonas testosteroni. Applied Microbiology and Biotechnology, 2015, 99, 3519-3532.	1.7	33
1950	The hyperaccumulator Sedum plumbizincicola harbors metal-resistant endophytic bacteria that improve its phytoextraction capacity in multi-metal contaminated soil. Journal of Environmental Management, 2015, 156, 62-69.	3.8	251
1951	Shotgun proteome analysis of Bordetella pertussis reveals a distinct influence of iron availability on the bacterial metabolism, virulence, and defense response. Proteomics, 2015, 15, 2258-2266.	1.3	12
1952	Bio-inoculation of yerba mate seedlings (Ilex paraguariensis St. Hill.) with native plant growth-promoting rhizobacteria: a sustainable alternative to improve crop yield. Biology and Fertility of Soils, 2015, 51, 749-755.	2.3	46
1953	Nonantibiotic Effects of Fluoroquinolones in Mammalian Cells. Journal of Biological Chemistry, 2015, 290, 22287-22297.	1.6	72
1954	Microbial Interaction in Mining Soil. Soil Biology, 2015, , 223-241.	0.6	0
1955	Methylopila turkiensis sp. nov., a new aerobic facultatively methylotrophic phytosymbiont. Microbiology, 2015, 84, 544-552.	0.5	7
1956	Paralcaligenes ginsengisoli sp. nov., isolated from ginseng cultivated soil. Antonie Van Leeuwenhoek, 2015, 108, 619-626.	0.7	12
1957	Isolation and Screening of Rhizosphere Bacteria from Grasses in East Kavango Region of Namibia for Plant Growth Promoting Characteristics. Current Microbiology, 2015, 71, 566-571.	1.0	17
1958	Structural characterization of amphiphilic siderophores produced by a soda lake isolate, Halomonas sp. SL01, reveals cysteine-, phenylalanine- and proline-containing head groups. Extremophiles, 2015, 19, 1183-1192.	0.9	13
1959	Two Catechol Siderophores, Acinetobactin and Amonabactin, Are Simultaneously Produced by Aeromonas salmonicida subsp. salmonicida Sharing Part of the Biosynthetic Pathway. ACS Chemical Biology, 2015, 10, 2850-2860.	1.6	38
1960	Unearthing the genomes of plant-beneficial Pseudomonas model strains WCS358, WCS374 and WCS417. BMC Genomics, 2015, 16, 539.	1.2	184
1961	Using plant growth-promoting rhizobacteria (PGPR) to improve plant growth. Ecological Engineering, 2015, 84, 22-28.	1.6	137
1962	The Legionella pneumophila Siderophore Legiobactin Is a Polycarboxylate That Is Identical in Structure to Rhizoferrin. Infection and Immunity, 2015, 83, 3937-3945.	1.0	23
1963	Characterization of Mn-resistant endophytic bacteria from Mn-hyperaccumulator Phytolacca americana and their impact on Mn accumulation of hybrid penisetum. Ecotoxicology and Environmental Safety, 2015, 120, 369-376.	2.9	14

#	Article	IF	Citations
1964	Catecholate-siderophore produced by As-resistant bacterium effectively dissolved FeAsO4 and promoted Pteris vittata growth. Environmental Pollution, 2015, 206, 376-381.	3.7	26
1965	Endophytic Bacteria Associated withHieracium piloselloides: Their Potential for Hydrocarbon-Utilizing and Plant Growth-Promotion. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 860-870.	1.1	12
1966	Bacterial endophytes of sweet potato tuberous roots affected by the plant genotype and growth stage. Applied Soil Ecology, 2015, 96, 273-281.	2.1	54
1967	Sphingomonas panaciterrae sp. nov., a plant growth-promoting bacterium isolated from soil of a ginseng field. Archives of Microbiology, 2015, 197, 973-981.	1.0	22
1968	Determination of Siderophores in Seawater by High Performance Liquid Chromatography-Tandem Mass Spectrometry Coupled with Solid Phase Extraction. Chinese Journal of Analytical Chemistry, 2015, 43, 1285-1290.	0.9	4
1969	Extracellular compounds produced by bacterial consortium promoting elements mobilization from polymetallic Kupferschiefer black shale (Fore-Sudetic Monocline, Poland). Chemosphere, 2015, 122, 273-279.	4.2	7
1970	Detection and characterization of broad-spectrum antipathogen activity of novel rhizobacterial isolates and suppression of Fusarium crown and root rot disease of tomato. Journal of Applied Microbiology, 2015, 118, 685-703.	1.4	44
1971	Isolation and identification of allelochemicals produced by B. sonorensis for suppression of charcoal rot of Arachis hypogaea L.. Journal of Basic Microbiology, 2015, 55, 635-644.	1.8	14
1972	Siderophore production by streptomycetesâ€"stability and alteration of ferrihydroxamates in heavy metal-contaminated soil. Environmental Science and Pollution Research, 2015, 22, 19376-19383.	2.7	12
1973	Isolation and characterization of bacteria from the rhizosphere and bulk soil of Stellera chamaejasme L.. Canadian Journal of Microbiology, 2015, 61, 171-181.	0.8	9
1974	Effect of Iranian strains ofPseudomonasspp. on the control of root-knot nematodes on Pistachios. Biocontrol Science and Technology, 2015, 25, 291-301.	0.5	9
1975	Effect of mustard rhizobacteria on wheat growth promotion under cadmium stress: characterization of acdS gene coding ACC deaminase. Annals of Microbiology, 2015, 65, 1679-1687.	1.1	20
1976	Resistance induction in pumpkinCucurbita maximaL. againstWatermelon mosaic potyvirusby plant growth-promoting rhizobacteria. Biocontrol Science and Technology, 2015, 25, 525-542.	0.5	11
1977	Pseudomonas fluorescens: Fur is required for multiple biological properties associated with pathogenesis. Veterinary Microbiology, 2015, 175, 145-149.	0.8	8
1978	Antifungal activity of volatile compounds-producing Pseudomonas P2 strain against Rhizoctonia solani. World Journal of Microbiology and Biotechnology, 2015, 31, 175-185.	1.7	44
1979	Reclamation of petrol oil contaminated soil by rhamnolipids producing PGPR strains for growing Withania somnifera a medicinal shrub. World Journal of Microbiology and Biotechnology, 2015, 31, 307-313.	1.7	18
1980	Efficiency of plant growthâ€promoting Pâ€solubilizing Bacillus circulans CB7 for enhancement of tomato growth under net house conditions. Journal of Basic Microbiology, 2015, 55, 33-44.	1.8	94
1981	Characterization and crop production efficiency of diazotrophic isolates from the rhizosphere of semi-arid tropical grasses of India. Applied Soil Ecology, 2015, 87, 1-10.	2.1	37

#	Article	IF	Citations
1982	Characterization of the antifungal and plant growth-promoting effects of diffusible and volatile organic compounds produced by Pseudomonas fluorescens strains. Biological Control, 2015, 81, 83-92.	1.4	193
1983	Endophytic colonization and biocontrol performance of <scp>P</scp>seudomonas fluorescensâ€...<scp>PICF</scp>7 in olive (<scp>O</scp>lea europaea L.) are determined neither by pyoverdine production nor swimming motility. Environmental Microbiology, 2015, 17, 3139-3153.	1.8	51
1984	Promoting plant growth in a commercial rice cultivar by endophytic diazotrophic bacteria isolated from rice landraces. Annals of Microbiology, 2015, 65, 253-266.	1.1	44
1985	Biocontrol efficacy and plant growth promoting activity of Bacillus altitudinis isolated from Darjeeling hills, India. Journal of Basic Microbiology, 2015, 55, 91-104.	1.8	52
1986	Validation of nutraceutical properties of honey and probiotic potential of its innate microflora. LWT - Food Science and Technology, 2015, 60, 743-750.	2.5	22
1987	Construction and Application of a Novel Impedance Sensor for Siderophore. Analytical Letters, 2015, 48, 259-268.	1.0	2
1988	Culturable diversity and functional annotation of psychrotrophic bacteria from cold desert of Leh Ladakh (India). World Journal of Microbiology and Biotechnology, 2015, 31, 95-108.	1.7	132
1989	Characterization of the cultivable bacterial populations associated with field grown <scp>B</scp>rassica napusâ€...<scp>L</scp>.: an evaluation of sampling and isolation protocols. Environmental Microbiology, 2015, 17, 2379-2392.	1.8	20
1990	Plant growth-promoting traits of Pseudomonas geniculata isolated from chickpea nodules. 3 Biotech, 2015, 5, 653-661.	1.1	44
1991	Isolation, characterization and plant growth promotion effects of putative bacterial endophytes associated with sweet sorghum (Sorghum bicolor (L) Moench). Annals of Microbiology, 2015, 65, 1057-1067.	1.1	37
1992	New Iron Acquisition System in Bacteroidetes. Infection and Immunity, 2015, 83, 300-310.	1.0	29
1993	Scouting contaminated estuaries: Heavy metal resistant and plant growth promoting rhizobacteria in the native metal rhizoaccumulator Spartina maritima. Marine Pollution Bulletin, 2015, 90, 150-159.	2.3	70
1994	Characterization and pathogenicity of Vibrio splendidus strains associated with massive mortalities of commercial hatchery-reared larvae of scallop Argopecten purpuratus (Lamarck, 1819). Journal of Invertebrate Pathology, 2015, 124, 61-69.	1.5	84
1995	Isolation and characterization of bacterial endophytes from the roots of Cassia tora L. Annals of Microbiology, 2015, 65, 1391-1399.	1.1	67
1996	Siderophore-Mediated Iron Acquisition Influences Motility and Is Required for Full Virulence of the Xylem-Dwelling Bacterial Phytopathogen Pantoea stewartii subsp. stewartii. Applied and Environmental Microbiology, 2015, 81, 139-148.	1.4	45
1997	Siderophore Production by Microorganisms Isolated From a Podzol Soil Profile. Geomicrobiology Journal, 2015, 32, 397-411.	1.0	14
1998	Characterization of plant growth-promoting bacteria associated with rice cropped in iron-stressed soils. Annals of Microbiology, 2015, 65, 951-964.	1.1	65
1999	Deciphering Diversity of Salt-Tolerant Bacilli from Saline Soils of Eastern Indo-gangetic Plains of India. Geomicrobiology Journal, 2015, 32, 170-180.	1.0	51

#	Article	IF	Citations
2000	Proposed some interactions at molecular level of PGPR coinoculated with Bradyrhizobium diazoefficiens USDA110 and B. japonicum THA6 on soybean symbiosis and its potential of field application. Applied Soil Ecology, 2015, 85, 38-49.	2.1	47
2001	Biological control of eucalyptus bacterial wilt with rhizobacteria. Biological Control, 2015, 80, 14-22.	1.4	30
2002	Improved plant resistance to drought is promoted by the rootâ€associated microbiome as a water stressâ€dependent trait. Environmental Microbiology, 2015, 17, 316-331.	1.8	449
2003	Rhizobacteria isolated from a metal-polluted area enhance plant growth in zinc and cadmium-contaminated soil. International Journal of Environmental Science and Technology, 2015, 12, 2127-2142.	1.8	54
2004	Understanding the mechanism of biological control of passionfruit bacterial blight promoted by autochthonous phylloplane bacteria. Biological Control, 2015, 80, 40-49.	1.4	24
2005	Acidophilic actinomycetes from rhizosphere soil: diversity and properties beneficial to plants. Journal of Antibiotics, 2015, 68, 106-114.	1.0	58
2006	Plant Health. , 0, , .		0
2007	Soil ecophysiological and microbiological indices of soil health: a study of coal mining site in sonbhadra, uttar Pradesh. Journal of Soil Science and Plant Nutrition, 2016, , 0-0.	1.7	13
2008	Isolation of Trichoderma Spp. from Desert Soil, Biocontrol Potential Evaluation and Liquid Culture Production of Conidia Using Agricultural Fertilizers. Journal of Fertilizers & Pesticides, 2016, 7, .	0.2	2
2009	Biosurfactant-mediated Biocontrol of Macrophomina phaseolina Causing Charcoal Rot in Vigna mungo by a Plant Growth Promoting Enterococcus sp. BS13. Journal of Plant Pathology & Microbiology, 2016, 7, .	0.3	7
2010	Screening endophytic actinobacteria with potential antifungal activity against Bipolaris sorokiniana and growth promotion of wheat seedlings. African Journal of Microbiology Research, 2016, 10, 1494-1505.	0.4	4
2011	Calcite Dissolution by Brevibacterium sp. SOTI06: A Futuristic Approach for the Reclamation of Calcareous Sodic Soils. Frontiers in Plant Science, 2016, 7, 1828.	1.7	10
2012	Virulence factors and antibiotic susceptibility patterns of multidrug resistance Klebsiella pneumoniae isolated from different clinical infections. African Journal of Microbiology Research, 2016, 10, 829-843.	0.4	35
2013	Involvement of Acylated Homoserine Lactones (AHLs) of Aeromonas sobria in Spoilage of Refrigerated Turbot (Scophthalmus maximus L.). Sensors, 2016, 16, 1083.	2.1	28
2014	Isolation of plant growth-promoting Pseudomonas sp. PPR8 from the rhizosphere of Phaseolus vulgaris L.. Archives of Biological Sciences, 2016, 68, 363-374.	0.2	12
2015	Potential of Bacillus amyloliquefaciens for Biocontrol of Bacterial Wilt of Tomato Incited by Ralstonia solanacearum. Journal of Plant Pathology & Microbiology, 2016, 07, .	0.3	28
2016	Functional abilities of cultivable plant growth promoting bacteria associated with wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	17
2017	Comparative Genomic Analysis of Delftia tsuruhatensis MTQ3 and the Identification of Functional NRPS Genes for Siderophore Production. BioMed Research International, 2016, 2016, 1-8.	0.9	17

#	Article	IF	Citations
2018	Catecholamine-Stimulated Growth of Aeromonas hydrophila Requires the TonB2 Energy Transduction System but Is Independent of the Amonabactin Siderophore. Frontiers in Cellular and Infection Microbiology, 2016, 6, 183.	1.8	17
2019	Ferrioxamine Siderophores Detected amongst Iron Binding Ligands Produced during the Remineralization of Marine Particles. Frontiers in Marine Science, 0, 3, .	1.2	40
2020	The Lysobacter capsici AZ78 Genome Has a Gene Pool Enabling it to Interact Successfully with Phytopathogenic Microorganisms and Environmental Factors. Frontiers in Microbiology, 2016, 7, 96.	1.5	36
2021	When Genome-Based Approach Meets the â€œOld but Goodâ€• Revealing Genes Involved in the Antibacterial Activity of Pseudomonas sp. P482 against Soft Rot Pathogens. Frontiers in Microbiology, 2016, 7, 782.	1.5	27
2022	Siderophore Biosynthesis but Not Reductive Iron Assimilation Is Essential for the Dimorphic Fungus Nomuraea rileyi Conidiation, Dimorphism Transition, Resistance to Oxidative Stress, Pigmented Microsclerotium Formation, and Virulence. Frontiers in Microbiology, 2016, 7, 931.	1.5	18
2023	Halotolerant Rhizobacteria Promote Growth and Enhance Salinity Tolerance in Peanut. Frontiers in Microbiology, 2016, 7, 1600.	1.5	200
2024	Hydrogen Cyanide in the Rhizosphere: Not Suppressing Plant Pathogens, but Rather Regulating Availability of Phosphate. Frontiers in Microbiology, 2016, 7, 1785.	1.5	203
2025	Plant-Endophyte Partnerships to Assist Petroleum Hydrocarbon Remediation. , 2016, , 1-34.		2
2026	Plant-associated fluorescent <i>Pseudomonas</i> from red lateritic soil: Beneficial characteristics and their impact on lettuce growth. Journal of General and Applied Microbiology, 2016, 62, 248-257.	0.4	19
2027	Functional Analysis of the Ferric Uptake Regulator Gene fur in Xanthomonas vesicatoria. PLoS ONE, 2016, 11, e0149280.	1.1	14
2028	HapX Mediates Iron Homeostasis in the Pathogenic Dermatophyte Arthroderma benhamiae but Is Dispensable for Virulence. PLoS ONE, 2016, 11, e0150701.	1.1	13
2029	Genetic and Functional Analysis of the Biosynthesis of a Non-Ribosomal Peptide Siderophore in Burkholderia xenovorans LB400. PLoS ONE, 2016, 11, e0151273.	1.1	22
2030	Bioprospecting of Plant Growth Promoting Bacilli and Related Genera Prevalent in Soils of Pristine Sacred Groves: Biochemical and Molecular Approach. PLoS ONE, 2016, 11, e0152951.	1.1	40
2031	Plant Growth Promotion and Suppression of Bacterial Leaf Blight in Rice by Inoculated Bacteria. PLoS ONE, 2016, 11, e0160688.	1.1	104
2032	Bioaugmentation with Endophytic Bacterium E6S Homologous to Achromobacter piechaudii Enhances Metal Rhizoaccumulation in Host Sedum plumbizincicola. Frontiers in Plant Science, 2016, 7, 75.	1.7	65
2033	Rhizospheric Bacterial Strain Brevibacterium casei MH8a Colonizes Plant Tissues and Enhances Cd, Zn, Cu Phytoextraction by White Mustard. Frontiers in Plant Science, 2016, 7, 101.	1.7	49
2034	Plant Growth Promoting Rhizobacteria and Silicon Synergistically Enhance Salinity Tolerance of Mung Bean. Frontiers in Plant Science, 2016, 7, 876.	1.7	178
2035	Screening and Evaluation of the Bioremediation Potential of Cu/Zn-Resistant, Autochthonous Acinetobacter sp. FQ-44 from Sonchus oleraceus L.. Frontiers in Plant Science, 2016, 7, 1487.	1.7	21

#	Article	IF	Citations
2036	A Halotolerant Bacterium Bacillus licheniformis HSW-16 Augments Induced Systemic Tolerance to Salt Stress in Wheat Plant (Triticum aestivum). Frontiers in Plant Science, 2016, 7, 1890.	1.7	131
2037	Analysis of plant growth promoting potential of endophytes isolated from echinacea purpurea and lonicera japonica. Journal of Soil Science and Plant Nutrition, 2016, , 0-0.	1.7	4
2038	Elevation of Defense Network in Chilli Against Colletotrichum capsici by Phyllospheric Trichoderma Strain. Journal of Plant Growth Regulation, 2016, 35, 377-389.	2.8	21
2039	Plant growth-promoting Burkholderia species isolated from annual ryegrass in Portuguese soils. Journal of Applied Microbiology, 2016, 120, 724-739.	1.4	38
2040	Increased ironâ€stress resilience of maize through inoculation of siderophoreâ€producing Arthrobacter globiformis from mine. Journal of Basic Microbiology, 2016, 56, 719-735.	1.8	37
2041	Detection of plant growth enhancing features in psychrotolerant yeasts from Patagonia (Argentina). Journal of Basic Microbiology, 2016, 56, 1098-1106.	1.8	26
2042	Iron acquisition and siderophore production in the fish pathogen Renibacterium salmoninarum. Journal of Fish Diseases, 2016, 39, 1275-1283.	0.9	48
2043	Insights into the virulenceâ€related genes of Edwardsiella tarda isolated from turbot in Europe: genetic homogeneity and evidence for vibrioferrin production. Journal of Fish Diseases, 2016, 39, 565-576.	0.9	11
2044	Transposonâ€mediated random gene disruption with moderate halophilic bacteria and its application for halophilic bacterial siderophore analysis. Journal of Basic Microbiology, 2016, 56, 1354-1359.	1.8	3
2045	Serobactinsâ€mediated iron acquisition systems optimize competitive fitness of <scp>H</scp>erbaspirillum seropedicae inside rice plants. Environmental Microbiology, 2016, 18, 2523-2533.	1.8	17
2046	Pyoverdin cheats fail to invade bacterial populations in stationary phase. Journal of Evolutionary Biology, 2016, 29, 1728-1736.	0.8	16
2047	Cadmiumâ€induced and transâ€generational changes in the cultivable and total seed endophytic community of Arabidopsis thaliana. Plant Biology, 2016, 18, 376-381.	1.8	41
2048	Growth and Cadmium Accumulation of Solanum nigrum L. Seedling were Enhanced by Heavy Metal-Tolerant Strains of Pseudomonas aeruginosa. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	26
2049	Selection of Streptomyces against soil borne fungal pathogens by a standardized dual culture assay and evaluation of their effects on seed germination and plant growth. BMC Microbiology, 2016, 16, 272.	1.3	60
2050	Growth Promotion Features of the Maize Microbiome: From an Agriculture Perspective. , 2016, , 345-374.		11
2051	iTRAQ-based quantitative proteomic analysis reveals potential factors associated with the enhancement of phenazine-1-carboxamide production in Pseudomonas chlororaphis P3. Scientific Reports, 2016, 6, 27393.	1.6	43
2052	Detection of antimicrobial traits in fluorescent pseudomonads and molecular characterization of an antibiotic pyoluteorin. 3 Biotech, 2016, 6, 227.	1.1	27
2053	An iron detection system determines bacterial swarming initiation and biofilm formation. Scientific Reports, 2016, 6, 36747.	1.6	31

#	Article	IF	Citations
2054	Plant Growth-Promoting Endophyte Serratia marcescens AL2-16 Enhances the Growth of Achyranthes aspera L., a Medicinal Plant. HAYATI Journal of Biosciences, 2016, 23, 173-180.	0.1	52
2055	Unusual non-fluorescent broad spectrum siderophore activity (SID EGYII) by Pseudomonas aeruginosa strain EGYII DSM 101801 and a new insight towards simple siderophore bioassay. AMB Express, 2016, 6, 26.	1.4	3
2056	Antagonistic potential of Pseudomonas graminis 49M against Erwinia amylovora, the causal agent of fire blight. Archives of Microbiology, 2016, 198, 531-539.	1.0	29
2057	Pyoverdine and histicorrugatin-mediated iron acquisition in Pseudomonas thivervalensis. BioMetals, 2016, 29, 467-485.	1.8	26
2058	Effects of Bacillus velezensis strain BAC03 in promoting plant growth. Biological Control, 2016, 98, 18-26.	1.4	103
2059	Variochelins, Lipopeptide Siderophores from Variovorax boronicumulans Discovered by Genome Mining. Journal of Natural Products, 2016, 79, 865-872.	1.5	21
2060	Properties of Astragalus sp. microsymbionts and their putative role in plant growth promotion. Archives of Microbiology, 2016, 198, 793-801.	1.0	6
2061	Production and Characterization of Desmalonichrome Relative Binding Affinity for Uranyl Ions in Relation to Other Siderophores. Journal of Natural Products, 2016, 79, 1492-1499.	1.5	12
2062	Enhancement of ecosystem services during endophyte-assisted aided phytostabilization of metal contaminated mine soil. Science of the Total Environment, 2016, 562, 480-492.	3.9	72
2063	Bioalteration of synthetic Fe(III)-, Fe(II)-bearing basaltic glasses and Fe-free glass in the presence of the heterotrophic bacteria strain Pseudomonas aeruginosa: Impact of siderophores. Geochimica Et Cosmochimica Acta, 2016, 188, 147-162.	1.6	36
2064	Characterization of cadmium-resistant bacteria for its potential in promoting plant growth and cadmium accumulation in Sesbania bispinosa root. International Journal of Phytoremediation, 2016, 18, 1061-1066.	1.7	36
2065	The 5-lipoxygenase inhibitor RF-22c potently suppresses leukotriene biosynthesis in cellulo and blocks bronchoconstriction and inflammation in vivo. Biochemical Pharmacology, 2016, 112, 60-71.	2.0	25
2066	Subunit orientation in the Escherichia coli enterobactin biosynthetic EntA-EntE complex revealed by a two-hybrid approach. Biochimie, 2016, 127, 1-9.	1.3	5
2067	Iron assimilation and siderophore production by Vibrio ordalii strains isolated from diseased Atlantic salmon Salmo salar in Chile. Diseases of Aquatic Organisms, 2016, 118, 217-226.	0.5	9
2068	Potential of endophytes from medicinal plants for biocontrol and plant growth promotion. Journal of General Plant Pathology, 2016, 82, 165-173.	0.6	21
2069	Alleviation of salinity-induced damage on wheat plant by an ACC deaminase-producing halophilic bacterium Serratia sp. SL- 12 isolated from a salt lake. Symbiosis, 2016, 69, 101-111.	1.2	66
2070	Beneficial cyanobacteria and eubacteria synergistically enhance bioavailability of soil nutrients and yield of okra. Heliyon, 2016, 2, e00066.	1.4	76
2071	Biological control of gray mold and growth promotion of tomato using Bacillus spp. isolated from soil. Tropical Plant Pathology, 2016, 41, 169-176.	0.8	21

#	Article	IF	Citations
2072	Identification and characterization of Photorhabdus temperata mutants altered in hemolysis and virulence. Canadian Journal of Microbiology, 2016, 62, 657-667.	0.8	0
2073	Bioremediation of petroleum contaminated soil to combat toxicity on Withania somnifera through seed priming with biosurfactant producing plant growth promoting rhizobacteria. Journal of Environmental Management, 2016, 174, 79-86.	3.8	48
2074	Endophytic bacteria with antagonistic traits inhabit the wood tissues of grapevines from Tunisian vineyards. Biological Control, 2016, 99, 28-37.	1.4	34
2075	The ferrichrome receptor A as a new target forPseudomonas aeruginosavirulence attenuation. FEMS Microbiology Letters, 2016, 363, fnw104.	0.7	15
2076	Bacterial siderophore mimicking iron complexes as DNA targeting antimicrobials. RSC Advances, 2016, 6, 39245-39260.	1.7	19
2077	Assessment of bacterial populations associated with banana tree roots and development of successful plant probiotics for banana crop. Soil Biology and Biochemistry, 2016, 99, 1-20.	4.2	24
2078	Actinomycetes from Eucalyptus and their biological activities for controlling Eucalyptus leaf and shoot blight. Microbiological Research, 2016, 188-189, 42-52.	2.5	41
2079	Mitigation of salt stress in wheat plant (Triticum aestivum) by ACC deaminase bacterium Enterobacter sp. SBP-6 isolated from Sorghum bicolor. Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	37
2080	Influence of Niche-Specific Nutrients on Secondary Metabolism in Vibrionaceae. Applied and Environmental Microbiology, 2016, 82, 4035-4044.	1.4	18
2081	Ammonia-Oligotrophic and Diazotrophic Heavy Metal-Resistant Serratia liquefaciens Strains from Pioneer Plants and Mine Tailings. Microbial Ecology, 2016, 72, 324-346.	1.4	13
2082	Heavy metal tolerant Pseudomonas protegens isolates from agricultural well water in northeastern Algeria with plant growth promoting, insecticidal and antifungal activities. European Journal of Soil Biology, 2016, 75, 38-46.	1.4	52
2083	Genomic and metagenomic analysis of microbes in a soil environment affected by the 2011 Great East Japan Earthquake tsunami. BMC Genomics, 2016, 17, 53.	1.2	23
2084	Assessing the effects of heavy metals in ACC deaminase and IAA production on plant growth-promoting bacteria. Microbiological Research, 2016, 188-189, 53-61.	2.5	109
2085	Diverted Total Synthesis of Promysalin Analogs Demonstrates That an Iron-Binding Motif Is Responsible for Its Narrow-Spectrum Antibacterial Activity. Journal of the American Chemical Society, 2016, 138, 5833-5836.	6.6	29
2086	Promotion of sunflower growth under saline water irrigation by the inoculation of beneficial microorganisms. Applied Soil Ecology, 2016, 105, 36-47.	2.1	36
2087	Medicago truncatula Gaertn. as a model for understanding the mechanism of growth promotion by bacteria from rhizosphere and nodules of alfalfa. Planta, 2016, 243, 1169-1189.	1.6	22
2088	The global regulatory effect of Edwardsiella tarda Fur on iron acquisition, stress resistance, and host infection: A proteomics-based interpretation. Journal of Proteomics, 2016, 140, 100-110.	1.2	22
2089	Isolation and characterization of culturable seed-associated bacterial endophytes from gnotobiotically grown Marama bean seedlings. FEMS Microbiology Ecology, 2016, 92, fiw083.	1.3	90

#	Article	IF	Citations
2090	Biological control of Phomopsis leaf blight of brinjal (Solanum melongena L.) with combining phylloplane and rhizosphere colonizing beneficial bacteria. Biological Control, 2016, 101, 123-129.	1.4	14
2091	Inhibition of the Flavin-Dependent Monooxygenase Siderophore A (SidA) Blocks Siderophore Biosynthesis and Aspergillus fumigatus Growth. ACS Chemical Biology, 2016, 11, 3035-3042.	1.6	23
2092	Identification and characterization of a FAD-dependent putrescine N-hydroxylase (GorA) from Gordonia rubripertincta CWB2. Journal of Molecular Catalysis B: Enzymatic, 2016, 134, 378-389.	1.8	26
2093	Plant growth promoting rhizobacteria suppress blast disease caused by Pyricularia oryzae and increase grain yield of rice. BioControl, 2016, 61, 769-780.	0.9	24
2094	Bioprospecting of aerobic endospore-forming bacteria with biotechnological potential for growth promotion of banana plants. Scientia Horticulturae, 2016, 212, 81-90.	1.7	27
2095	Crop management as a driving force of plant growth promoting rhizobacteria physiology. SpringerPlus, 2016, 5, 1574.	1.2	22
2096	Phosphate dissolving fungi: Mechanism and application in alleviation of salt stress in wheat. Microbiological Research, 2016, 193, 94-102.	2.5	38
2097	Co-inoculation with endophytic and rhizosphere bacteria allows reduced application rates of N-fertilizer for rice plant. Rhizosphere, 2016, 2, 5-12.	1.4	68
2098	Native halo-tolerant plant growth promoting rhizobacteria Enterococcus and Pantoea sp. improve seed yield of Mungbean (Vigna radiata L.) under soil salinity by reducing sodium uptake and stress injury. Physiology and Molecular Biology of Plants, 2016, 22, 445-459.	1.4	70
2099	Phytohormone production endowed with antagonistic potential and plant growth promoting abilities of culturable endophytic bacteria isolated from Clerodendrum colebrookianum Walp.. Microbiological Research, 2016, 193, 57-73.	2.5	84
2100	Bacteria consortium optimization improves nutrient uptake, nodulation, disease suppression and growth of the common bean (Phaseolus vulgaris) in both pot and field studies. Rhizosphere, 2016, 2, 13-23.	1.4	57
2101	Identification of a novel endophytic Bacillus sp. from Capsicum annuum with highly efficient and broad spectrum plant probiotic effect. Journal of Applied Microbiology, 2016, 121, 1079-1094.	1.4	21
2102	The Pseudomonas aeruginosa extracellular secondary metabolite, Paerucumarin, chelates iron and is not localized to extracellular membrane vesicles. Journal of Microbiology, 2016, 54, 573-581.	1.3	14
2103	Optimization of Copper (II) Removal by Response Surface Methodology Using Root Nodule Endophytic Bacteria Isolated from Vigna unguiculata. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	12
2104	Bio-protective microbial agents from rhizosphere eco-systems trigger plant defense responses provide protection against sheath blight disease in rice (Oryza sativa L.). Microbiological Research, 2016, 192, 300-312.	2.5	87
2105	Inoculation of Brassica oxyrrhina with plant growth promoting bacteria for the improvement of heavy metal phytoremediation under drought conditions. Journal of Hazardous Materials, 2016, 320, 36-44.	6.5	205
2106	Characterization of efficient plant-growth-promoting bacteria isolated from Sulla coronaria resistant to cadmium and to other heavy metals. Comptes Rendus - Biologies, 2016, 339, 391-398.	0.1	39
2107	Burkholderia genome mining for nonribosomal peptideÂsynthetases reveals a great potential for novelÂsiderophores and lipopeptides synthesis. MicrobiologyOpen, 2016, 5, 512-526.	1.2	86

#	Article	IF	Citations
2108	Intracellular co-localization of the Escherichia coli enterobactin biosynthetic enzymes EntA, EntB, and EntE. Biochemical and Biophysical Research Communications, 2016, 478, 25-32.	1.0	10
2109	Diazotrophic bacilli isolated from the sunflower rhizosphere and the potential ofBacillus mycoidesB38V as biofertiliser. Annals of Applied Biology, 2016, 168, 93-110.	1.3	37
2110	Multifunctional Pseudomonas putida strain FBKV2 from arid rhizosphere soil and its growth promotional effects on maize under drought stress. Rhizosphere, 2016, 1, 4-13.	1.4	53
2111	7-Hydroxytropolone produced and utilized as an iron-scavenger by Pseudomonas donghuensis. BioMetals, 2016, 29, 817-826.	1.8	17
2112	Siderophores in Cloud Waters and Potential Impact on Atmospheric Chemistry: Production by Microorganisms Isolated at the Puy de DÃ´me Station. Environmental Science & Technology, 2016, 50, 9315-9323.	4.6	25
2113	Potential biocontrol actinobacteria: Rhizospheric isolates from the Argentine Pampas lowlands legumes. Journal of Basic Microbiology, 2016, 56, 1289-1298.	1.8	20
2114	Evaluation of Brevibacillus brevis as a potential plant growth promoting rhizobacteria for cotton (Gossypium hirsutum) crop. SpringerPlus, 2016, 5, 948.	1.2	59
2115	Biogenic Fenton-like Reaction Involvement in Cometabolic Degradation of Tetrabromobisphenol A by Pseudomonas sp. fz. Environmental Science & Technology, 2016, 50, 9981-9989.	4.6	54
2116	Assessment of plant growth promoting bacterial populations in the rhizosphere of metallophytes from the Kettara mine, Marrakech. Environmental Science and Pollution Research, 2016, 23, 21751-21765.	2.7	31
2117	Nonribosomal peptide synthetase with a unique iterative-alternative-optional mechanism catalyzes amonabactin synthesis in Aeromonas. Applied Microbiology and Biotechnology, 2016, 100, 8453-8463.	1.7	13
2118	Morphological, Physiological, and Taxonomic Characterization of Actinobacterial Isolates Living as Endophytes of Cacao Pods and Cacao Seeds. Microbes and Environments, 2016, 31, 56-62.	0.7	20
2119	The endophytic bacteria isolated from elephant grass (Pennisetum purpureum Schumach) promote plant growth and enhance salt tolerance of Hybrid Pennisetum. Biotechnology for Biofuels, 2016, 9, 190.	6.2	80
2120	Fungal Applications in Sustainable Environmental Biotechnology. Fungal Biology, 2016, , .	0.3	16
2121	Production of Siderophores by Serratia marcescens and the Role of MacAB Efflux Pump in Siderophores Secretion. BioNanoScience, 2016, 6, 480-482.	1.5	13
2122	Mycoremediation of Heavy Metal/Metalloid-Contaminated Soil: Current Understanding and Future Prospects. Fungal Biology, 2016, , 249-272.	0.3	6
2123	Bioprospecting of Halotolerant Bacterial Isolates for Potassium Recovery from Kâ€Feldspar. Chemical Engineering and Technology, 2016, 39, 1645-1652.	0.9	8
2124	Critical role of bacterial isochorismatase in the autophagic process induced byAcinetobacter baumanniiin mammalian cells. FASEB Journal, 2016, 30, 3563-3577.	0.2	37
2125	Isolation of plant growth promoting rhizobacteria and their impact on growth and curcumin content in Curcuma longa L.. Biocatalysis and Agricultural Biotechnology, 2016, 8, 1-7.	1.5	91

#	Article	IF	Citations
2126	InÂvivo validation of the immunogenicity of recombinant Baumannii Acinetobactin Utilization A protein (rBauA). Microbial Pathogenesis, 2016, 98, 77-81.	1.3	22
2127	Indigenous salt-tolerant rhizobacterium Pantoea dispersa (PSB3) reduces sodium uptake and mitigates the effects of salt stress on growth and yield of chickpea. Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	51
2128	Involvement of type VI secretion system in secretion of iron chelator pyoverdine in Pseudomonas taiwanensis. Scientific Reports, 2016, 6, 32950.	1.6	60
2129	Discovery of new diketopiperazines inhibiting Burkholderia cenocepacia quorum sensing in vitro and in vivo. Scientific Reports, 2016, 6, 32487.	1.6	46
2130	A novel set of vectors for Fur-controlled protein expression under iron deprivation in Escherichia coli. BMC Biotechnology, 2016, 16, 68.	1.7	4
2131	A universal assay for the detection of siderophore activity in natural waters. BioMetals, 2016, 29, 1085-1095.	1.8	9
2132	Siderophore production by Pseudomonas aeruginosa FP6, a biocontrol strain for Rhizoctonia solani and Colletotrichum gloeosporioides causing diseases in chilli. Agriculture and Natural Resources, 2016, 50, 250-256.	0.4	61
2133	Biotic Interactions Shape the Ecological Distributions of Staphylococcus Species. MBio, 2016, 7, .	1.8	103
2134	Phylogenetical coherence of Pseudomonas in unexplored soils of Himalayan region. 3 Biotech, 2016, 6, 170.	1.1	10
2135	Siderophores, the answer for micro to nanosized asbestos fibre related health hazard. AIP Conference Proceedings, 2016, , .	0.3	3
2136	Phytochemical Variations and Enhanced Efficiency of Antioxidant and Antimicrobial Ingredients in Salvia officinalis as Inoculated with Different Rhizobacteria. Chemistry and Biodiversity, 2016, 13, 319-330.	1.0	42
2137	Inoculation of new rhizobial isolates improve nutrient uptake and growth of bean (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Overlock 96, 3446-3453.	1.7	19
2138	Culturable endophytic bacterial communities associated with field-grown soybean. Journal of Applied Microbiology, 2016, 120, 740-755.	1.4	84
2139	Analysis of the PGPB Potential of Bacterial Endophytes Associated with Maize. , 2016, , 23-35.		5
2140	Analysis of Cultivable Endophytic Bacteria in Roots of Maize in a Soil from LeÃ³n Province in Mainland Spain. , 2016, , 45-53.		5
2141	Study the Effects of Siderophore-Producing Bacteria on Zinc and Phosphorous Nutrition of Canola and Maize Plants. Communications in Soil Science and Plant Analysis, 2016, 47, 1517-1527.	0.6	16
2142	Rhizosphere mediated biodegradation of 1,4-dichlorobenzene by plant growth promoting rhizobacteria of Jatropha curcas. Ecological Engineering, 2016, 94, 50-56.	1.6	31
2143	Multiplicity and specificity of siderophore uptake in the cyanobacterium Anabaena sp. PCC 7120. Plant Molecular Biology, 2016, 92, 57-69.	2.0	15

#	Article	IF	Citations
2144	Identification and characterization of endophytic bacteria isolated from in vitro cultures of peach and pear rootstocks. 3 Biotech, 2016, 6, 120.	1.1	60
2145	Termitarium-inhabitingBacillus endophyticusTSH42 andBacillus cereusTSH77 colonizingCurcuma longaL.: isolation, characterization, and evaluation of their biocontrol and plant-growth-promoting activities. Canadian Journal of Microbiology, 2016, 62, 880-892.	0.8	45
2146	Acidobacteria strains from subdivision 1 act as plant growth-promoting bacteria. Archives of Microbiology, 2016, 198, 987-993.	1.0	135
2148	Isolation and characterization of bacterial endophytes of Curcuma longa L.. 3 Biotech, 2016, 6, 60.	1.1	107
2149	Application of sodium polyacrylate and plant growth-promoting bacterium, Micrococcaceae HW-2, on the growth of plants cultivated in the rooftop. International Biodeterioration and Biodegradation, 2016, 113, 297-303.	1.9	13
2150	Diversity of Culturable Plant Growth-Promoting Bacterial Endophytes Associated with Sugarcane Roots and Their Effect of Growth by Co-Inoculation of Diazotrophs and Actinomycetes. Journal of Plant Growth Regulation, 2016, 35, 1074-1087.	2.8	60
2151	Role of Vfr in the regulation of antifungal compound production by Pseudomonas fluorescens FD6. Microbiological Research, 2016, 188-189, 106-112.	2.5	17
2152	Characterization of plant growth promoting traits of bacterial isolates from the rhizosphere of barley (Hordeum vulgare L.) and tomato (Solanum lycopersicon L.) grown under Fe sufficiency and deficiency. Plant Physiology and Biochemistry, 2016, 107, 187-196.	2.8	58
2153	Mineral Type and Solution Chemistry Affect the Structure and Composition of Actively Growing Bacterial Communities as Revealed by Bromodeoxyuridine Immunocapture and 16S rRNA Pyrosequencing. Microbial Ecology, 2016, 72, 428-442.	1.4	14
2154	Selection of metal resistant plant growth promoting rhizobacteria for the growth and metal accumulation of energy maize in a mine soil â€" Effect of the inoculum size. Geoderma, 2016, 278, 1-11.	2.3	36
2155	Trichoderma saturnisporum, a new biological control agent. Journal of the Science of Food and Agriculture, 2016, 96, 1934-1944.	1.7	37
2156	Role of <scp>DetR</scp> in defence is critical for virulence of <scp>X</scp>anthomonas oryzae pv. oryzae. Molecular Plant Pathology, 2016, 17, 601-613.	2.0	9
2157	Effective Colonization of Spinach Root Surface by Rhizobium. , 2016, , 109-122.		8
2158	Isolation of plant-growth-promoting and metal-resistant cultivable bacteria from Arthrocnemum macrostachyum in the Odiel marshes with potential use in phytoremediation. Marine Pollution Bulletin, 2016, 110, 133-142.	2.3	59
2159	Endophytic occupation of legume root nodules by nifH-positive non-rhizobial bacteria, and their efficacy in the groundnut (Arachis hypogaea). Annals of Microbiology, 2016, 66, 1397-1407.	1.1	33
2160	Genotypic and Phenotypic Profile of Alkalophile Proteolytic Bacillus sp. Associated with Rhizosphere of Apple Trees in Trans Himalayas. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2016, 86, 331-341.	0.4	5
2161	Microbial siderophores and their potential applications: a review. Environmental Science and Pollution Research, 2016, 23, 3984-3999.	2.7	488
2162	Lotus japonicus plants of the Gifu B-129 ecotype subjected to alkaline stress improve their Fe2+ bio-availability through inoculation with Pantoea eucalypti M91. Journal of Plant Physiology, 2016, 192, 47-55.	1.6	15

#	Article	IF	Citations
2163	Evaluation of Stress-Induced Microbial Siderophore from Pseudomonas aeruginosa Strain S1 as a Potential Matrix Metalloproteinase Inhibitor in Wound Healing Applications. Current Microbiology, 2016, 72, 583-588.	1.0	5
2164	Pyoverdin mediated sunlight induced green synthesis of silver nanoparticles. RSC Advances, 2016, 6, 8503-8510.	1.7	6
2165	Plant growth-promoting effects of rhizospheric and endophytic bacteria associated with different tomato cultivars and new tomato hybrids. Chemical and Biological Technologies in Agriculture, 2016, 3, .	1.9	88
2166	Isolation and Characterization of Salt Tolerant Plant Growth Promoting Rhizobacteria from Plants Grown in Tsunami Affected Regions of Andaman and Nicobar Islands. Geomicrobiology Journal, 2016, 33, 942-947.	1.0	27
2167	Isolation of Plant Growth Promoting Rhizobacteria from Ginger (Zingiber officinale Rosc.) Rhizome for Future Studies. The National Academy of Sciences, India, 2016, 39, 53-57.	0.8	6
2168	Diversity of bacterial endophytes in 3 and 15 year-old grapevines of Vitis vinifera cv. Corvina and their potential for plant growth promotion and phytopathogen control. Microbiological Research, 2016, 183, 42-52.	2.5	77
2169	Endophytic culturable bacteria colonizing Lavandula dentata L. plants: Isolation, characterization and evaluation of their plant growth-promoting activities. Ecological Engineering, 2016, 87, 91-97.	1.6	78
2170	Influence of Iron on Production of the Antibacterial Compound Tropodithietic Acid and Its Noninhibitory Analog in Phaeobacter inhibens. Applied and Environmental Microbiology, 2016, 82, 502-509.	1.4	27
2171	Rhizosphere and endorhiza of oilseed rape (Brassica napus L.) plant harbor bacteria with multifaceted beneficial effects. Biological Control, 2016, 94, 11-24.	1.4	57
2172	Brevundimonas diminuta mediated alleviation of arsenic toxicity and plant growth promotion in Oryza sativa L.. Ecotoxicology and Environmental Safety, 2016, 125, 25-34.	2.9	131
2173	Novel components of leaf bacterial communities of field-grown tomato plants and their potential for plant growth promotion and biocontrol of tomato diseases. Research in Microbiology, 2016, 167, 222-233.	1.0	63
2174	Phytostimulatory effect of indole-3-acetic acid by Enterobacter cloacae SN19 isolated from Teramnus labialis (L. f.) Spreng rhizosphere. Biocatalysis and Agricultural Biotechnology, 2016, 6, 128-137.	1.5	10
2175	Wewakazole B, a Cytotoxic Cyanobactin from the Cyanobacterium Moorea producens Collected in the Red Sea. Journal of Natural Products, 2016, 79, 1213-1218.	1.5	46
2176	Rhizospheric bacteria of maize with potential for biocontrol of Fusarium verticillioides. SpringerPlus, 2016, 5, 330.	1.2	75
2177	Evaluation of Paenibacillus polymyxa strain SC09-21 for biocontrol of Phytophthora blight and growth stimulation in pepper plants. Tropical Plant Pathology, 2016, 41, 162-168.	0.8	21
2178	Mining the genome of Rhodococcus fascians, a plant growth-promoting bacterium gone astray. New Biotechnology, 2016, 33, 706-717.	2.4	39
2179	Assessing the prospects of Streptomyces sp. RP1A-12 in managing groundnut stem rot disease caused by Sclerotium rolfsii Sacc. Journal of General Plant Pathology, 2016, 82, 96-104.	0.6	16
2180	Iron sequestration in brown-rot fungi by oxalate and the production of reactive oxygen species (ROS). International Biodeterioration and Biodegradation, 2016, 109, 185-190.	1.9	32

#	Article	IF	Citations
2181	Exploring plant growth-promotion actinomycetes from vermicompost and rhizosphere soil for yield enhancement in chickpea. Brazilian Journal of Microbiology, 2016, 47, 85-95.	0.8	119
2182	Relationship between in vitro characterization and comparative efficacy of plant growth-promoting rhizobacteria for improving cucumber salt tolerance. Archives of Microbiology, 2016, 198, 379-387.	1.0	83
2183	Cellular dissolution at hypha- and spore-mineral interfaces revealing unrecognized mechanisms and scales of fungal weathering. Geology, 2016, 44, 319-322.	2.0	77
2184	Digital image quantification of siderophores on agar plates. Data in Brief, 2016, 6, 890-898.	0.5	12
2185	Fluorescent Pseudomonas sp. PF17 as an efficient plant growth regulator and biocontrol agent for sunflower crop under saline conditions. Symbiosis, 2016, 68, 99-108.	1.2	48
2186	Selective ciprofloxacin antibiotic detection by fluorescent siderophore pyoverdin. Biosensors and Bioelectronics, 2016, 81, 274-279.	5.3	31
2187	Statistical-based optimization and scale-up of siderophore production process on laboratory bioreactor. 3 Biotech, 2016, 6, 69.	1.1	37
2188	Metabolite and Mechanistic Basis of Antifungal Property Exhibited by Endophytic Bacillus amyloliquefaciens BmB 1. Applied Biochemistry and Biotechnology, 2016, 179, 830-845.	1.4	19
2189	Epigallocatechin-3-Gallate Inhibition of Myeloperoxidase and Its Counter-Regulation by Dietary Iron and Lipocalin 2 in Murine Model of Gut Inflammation. American Journal of Pathology, 2016, 186, 912-926.	1.9	37
2190	Wheat seeds harbour bacterial endophytes with potential as plant growth promoters and biocontrol agents of Fusarium graminearum. Microbiological Research, 2016, 186-187, 37-43.	2.5	197
2191	Mixing Up the Pieces of the Desferrioxamine B Jigsaw Defines the Biosynthetic Sequence Catalyzed by DesD. ACS Chemical Biology, 2016, 11, 1452-1462.	1.6	28
2192	Decoupling Activation of Heme Biosynthesis from Anaerobic Toxicity in a Molecule Active in Staphylococcus aureus. ACS Chemical Biology, 2016, 11, 1354-1361.	1.6	10
2193	Isolation of hydrocarbon-degrading and biosurfactant-producing bacteria and assessment their plant growth-promoting traits. Journal of Environmental Management, 2016, 168, 175-184.	3.8	56
2194	Plant growth-promoting traits of yeasts isolated from the phyllosphere and rhizosphere of Drosera spatulata Lab.. Fungal Biology, 2016, 120, 433-448.	1.1	130
2195	Layer plate CAS assay for the quantitation of siderophore production and determination of exudation patterns for fungi. Journal of Microbiological Methods, 2016, 121, 41-43.	0.7	17
2196	Plant growth promoting bacteria confer salt tolerance in Vigna radiata by up-regulating antioxidant defense and biological soil fertility. Plant Growth Regulation, 2016, 80, 23-36.	1.8	202
2197	Isolation and characterization of yeasts associated with plants growing in heavy-metal- and arsenic-contaminated soils. Canadian Journal of Microbiology, 2016, 62, 307-319.	0.8	30
2198	Suppression of the fungal pathogenMagnaporthe griseabyStenotrophomonas maltophilia, a seed-borne rice (Oryza sativaL.) endophytic bacterium. Archives of Agronomy and Soil Science, 2016, 62, 1271-1284.	1.3	19

#	Article	IF	Citations
2199	Fungal weathering of asbestos in semi arid regions of India. Ecotoxicology and Environmental Safety, 2016, 124, 186-192.	2.9	8
2200	Increased growth and root Cu accumulation of Sorghum sudanense by endophytic Enterobacter sp. K3-2: Implications for Sorghum sudanense biomass production and phytostabilization. Ecotoxicology and Environmental Safety, 2016, 124, 163-168.	2.9	21
2201	Inhibition of marine Vibrio sp. by pyoverdine from Pseudomonas aeruginosa PA1. Journal of Hazardous Materials, 2016, 302, 217-224.	6.5	44
2202	Rhizobacteria isolated from common bean in southern Italy as potential biocontrol agents against common bacterial blight. European Journal of Plant Pathology, 2016, 144, 297-309.	0.8	16
2203	Biodegradation of 4-nitroaniline by plant-growth promoting Acinetobacter sp. AVLB2 and toxicological analysis of its biodegradation metabolites. Journal of Hazardous Materials, 2016, 302, 426-436.	6.5	75
2204	Nitrogen-Fixing and Plant Growth-Promoting Ability of Two Endophytic Bacterial Strains Isolated from Sugarcane Stalks. Sugar Tech, 2016, 18, 373-379.	0.9	27
2205	Arsenite-oxidizing bacteria exhibiting plant growth promoting traits isolated from the rhizosphere of Oryza sativa L.: Implications for mitigation of arsenic contamination in paddies. Journal of Hazardous Materials, 2016, 302, 10-18.	6.5	76
2206	Changes in the Weathering Activity and Populations of Culturable Rock-Weathering Bacteria from the Altered Purple Siltstone and the Adjacent Soil. Geomicrobiology Journal, 2016, 33, 724-733.	1.0	12
2207	Vesicle self-assembly of amphiphilic siderophores produced by bacterial isolates from Soap Lake, Washington. Canadian Journal of Chemistry, 2016, 94, 35-43.	0.6	4
2208	Improving nickel phytoextraction by co-cropping hyperaccumulator plants inoculated by plant growth promoting rhizobacteria. Plant and Soil, 2016, 399, 179-192.	1.8	55
2209	Rhizobacterial communities associated with the flora of three serpentine outcrops of the Iberian Peninsula. Plant and Soil, 2016, 403, 233-252.	1.8	22
2210	Identification and characterization of the part of the bacterial community associated with field-grown tall fescue (Festuca arundinacea) cv. SFRO Don TomÃ¡s in Uruguay. Annals of Microbiology, 2016, 66, 329-342.	1.1	14
2211	Direct and indirect plant growth-promoting abilities of Bacillus species on chickpea, isolated from compost and rhizosphere soils. Organic Agriculture, 2017, 7, 31-40.	1.2	17
2212	Phytoremediation of a multi contaminated soil: mercury and arsenic phytoextraction assisted by mobilizing agent and plant growth promoting bacteria. Journal of Soils and Sediments, 2017, 17, 1224-1236.	1.5	111
2213	In vitro biocontrol activity of halotolerant Streptomyces aureofaciens K20: A potent antagonist against Macrophomina phaseolina (Tassi) Goid. Saudi Journal of Biological Sciences, 2017, 24, 192-199.	1.8	40
2214	Plant growth promoting activities of rhizobacteria isolated from Podophyllum hexandrum growing in North-West regions of the Himalaya. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2017, 87, 1443-1457.	0.4	14
2215	Antagonistic Actinomycetes Mediated Resistance in Solanum lycopersicon Mill. Against Rhizoctonia solani KÃ¼hn. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2017, 87, 789-798.	0.4	19
2216	Productivity of capsicum influenced by conjoint application of isolated indigenous PGPR and chemical fertilizers. Journal of Plant Nutrition, 2017, 40, 921-927.	0.9	22

#	Article	IF	Citations
2217	Evaluation of Gram-positive rhizosphere and endophytic bacteria for biological control of fungal rice (Oryzia sativa L.) pathogens. European Journal of Plant Pathology, 2017, 147, 7-14.	0.8	38
2218	Intercropping in Sugarcane Cultivation Influenced the Soil Properties and Enhanced the Diversity of Vital Diazotrophic Bacteria. Sugar Tech, 2017, 19, 136-147.	0.9	47
2219	Bisphenol-A removal by the halophyte Juncus acutus in a phytoremediation pilot: Characterization and potential role of the endophytic community. Journal of Hazardous Materials, 2017, 323, 350-358.	6.5	45
2220	Deciphering the regulon of a GntR family regulator via transcriptome and ChIPâ€exo analyses and its contribution to virulence in Xanthomonas citri. Molecular Plant Pathology, 2017, 18, 249-262.	2.0	32
2221	Biocontrol Potential Against Fusarium oxysporum f. sp. lycopersici and Alternaria solani and Tomato Plant Growth Due to Plant Growthâ€“Promoting Rhizobacteria. International Journal of Vegetable Science, 2017, 23, 294-303.	0.6	23
2222	Change in mineral weathering behaviors of a bacterium Chitinophaga jiangningensis JN53 under different nutrition conditions. Journal of Basic Microbiology, 2017, 57, 293-301.	1.8	6
2223	Furvina inhibits the 3-oxo-C12-HSL-based quorum sensing system of Pseudomonas aeruginosa and QS-dependent phenotypes. Biofouling, 2017, 33, 156-168.	0.8	28
2224	Seed-coating fenugreek with Burkholderia rhizobacteria enhances yield in field trials and can combat Fusarium wilt. Rhizosphere, 2017, 3, 92-99.	1.4	21
2225	Use of plant growth promoting bacterial strains to improve Cytisus striatus and Lupinus luteus development for potential application in phytoremediation. Science of the Total Environment, 2017, 581-582, 676-688.	3.9	46
2226	Metal resistance mechanisms in Gram-negative bacteria and their potential to remove Hg in the presence of other metals. Ecotoxicology and Environmental Safety, 2017, 140, 162-169.	2.9	89
2227	Effect of heavy-metal on synthesis of siderophores by Pseudomonas aeruginosa ZGKD3. IOP Conference Series: Earth and Environmental Science, 2017, 52, 012103.	0.2	6
2228	Phenotypic and genotypic analysis of Edwardsiella tarda isolated from olive founder (Paralichthys) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	7
2229	Rhizosphere actinobacteria for combating Phytophthora capsici and Sclerotium rolfsii , the major soil borne pathogens of black pepper (Piper nigrum L.). Biological Control, 2017, 109, 1-13.	1.4	42
2230	A new insight to adsorption and accumulation of high lead concentration by exopolymer and whole cells of lead-resistant bacterium Acinetobacter junii L. Pb1 isolated from coal mine dump. Environmental Science and Pollution Research, 2017, 24, 10652-10661.	2.7	76
2231	Plant-growth promoting Candida sp. AVGB4 with capability of 4-nitroaniline biodegradation under drought stress. Ecotoxicology and Environmental Safety, 2017, 139, 472-480.	2.9	21
2232	A novel extracellular lowâ€temperature active phytase from Bacillus aryabhattai RS1 with potential application in plant growth. Biotechnology Progress, 2017, 33, 633-641.	1.3	16
2233	Molecular cloning and expression analysis of Megalobrama amblycephala transferrin gene and effects of exposure to iron and infection with Aeromonas hydrophila. Fish Physiology and Biochemistry, 2017, 43, 987-997.	0.9	14
2234	Copper-tolerant rhizosphere bacteriaâ€"characterization and assessment of plant growth promoting factors. Environmental Science and Pollution Research, 2017, 24, 9723-9733.	2.7	25

#	Article	IF	Citations
2235	A proteomic analysis of the iron response of Photobacterium damselae subsp. damselae reveals metabolic adaptations to iron levels changes and novel potential virulence factors. Veterinary Microbiology, 2017, 201, 257-264.	0.8	26
2236	Comparative study of rhizobacterial communities in pepper greenhouses and examination of the effects of salt accumulation under different cropping systems. Archives of Microbiology, 2017, 199, 303-315.	1.0	9
2237	Plant growth-promoting effect and genomic analysis of the beneficial endophyte Streptomyces sp. KLBMP 5084 isolated from halophyte Limonium sinense. Plant and Soil, 2017, 416, 117-132.	1.8	85
2238	Alleviation of the adverse effect of salinity stress by inoculation of plant growth promoting rhizobacteria isolated from hot humid tropical climate. Ecological Engineering, 2017, 102, 361-366.	1.6	54
2239	Bio-inoculation of Plant Growth-promoting Rhizobacterium Enterobacter cloacae ZNP-3 Increased Resistance Against Salt and Temperature Stresses in Wheat Plant (Triticum aestivum L.). Journal of Plant Growth Regulation, 2017, 36, 783-798.	2.8	39
2240	Application ofBacillus megateriumMCR-8 improved phytoextraction and stress alleviation of nickel inVinca rosea. International Journal of Phytoremediation, 2017, 19, 813-824.	1.7	63
2241	Tea polyphenols inhibit the growth and virulence properties of Fusobacterium nucleatum. Scientific Reports, 2017, 7, 44815.	1.6	84
2242	Siderophores in clinical isolates of Klebsiella pneumoniae promote ciprofloxacin resistance by inhibiting the oxidative stress. Biochemical and Biophysical Research Communications, 2017, 491, 855-861.	1.0	16
2243	Location-Related Differences in Weathering Behaviors and Populations of Culturable Rock-Weathering Bacteria Along a Hillside of a Rock Mountain. Microbial Ecology, 2017, 73, 838-849.	1.4	13
2244	Bacterial Siderophores Hijack Neutrophil Functions. Journal of Immunology, 2017, 198, 4293-4303.	0.4	52
2245	In vitro PGPR properties and osmotic tolerance of different Azospirillum native strains and their effects on growth of maize under drought stress. Microbiological Research, 2017, 202, 21-29.	2.5	160
2246	Selection and characterization of coal mine autochthonous rhizobia for the inoculation of herbaceous legumes. Archives of Microbiology, 2017, 199, 991-1001.	1.0	5
2247	Aluminium resistant, plant growth promoting bacteria induce overexpression of Aluminium stress related genes in Arabidopsis thaliana and increase the ginseng tolerance against Aluminium stress. Microbiological Research, 2017, 200, 45-52.	2.5	49
2248	Strain identification and quorum sensing inhibition characterization of marine-derived Rhizobium sp. NAO1. Royal Society Open Science, 2017, 4, 170025.	1.1	33
2249	Biotransformation of copper oxide nanoparticles by the pathogenic fungus Botrytis cinerea. Chemosphere, 2017, 180, 178-185.	4.2	33
2250	Simultaneous use of plant growth promoting rhizobacterium and nitrogenous fertilizers may help in promoting growth, yield, and nutritional quality of okra. Journal of Plant Nutrition, 2017, 40, 1339-1350.	0.9	6
2251	Ectopic Expression of Innate Immune Protein, Lipocalin-2, in Lactococcus lactis Protects Against Gut and Environmental Stressors. Inflammatory Bowel Diseases, 2017, 23, 1120-1132.	0.9	11
2252	Endosulfan Degradation by Selected Strains of Plant Growth Promoting Rhizobacteria. Bulletin of Environmental Contamination and Toxicology, 2017, 99, 138-145.	1.3	21

#	Article	IF	Citations
2253	Effect of halotolerant rhizobacteria isolated from halophytes on the growth of sugar beet (Beta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74	0.7	84
2254	Crop specific plant growth promoting effects of ACCd enzyme and siderophore producing and cynogenic fluorescent Pseudomonas. 3 Biotech, 2017, 7, 27.	1.1	26
2255	Field application of two plant growth promoting rhizobacteria with potent antifungal properties. Rhizosphere, 2017, 3, 170-175.	1.4	15
2256	The role of dissimilatory arsenate reducing bacteria in the biogeochemical cycle of arsenic based on the physiological and functional analysis of Aeromonas sp. O23A. Science of the Total Environment, 2017, 598, 680-689.	3.9	30
2257	The Trichodesmium consortium: conserved heterotrophic co-occurrence and genomic signatures of potential interactions. ISME Journal, 2017, 11, 1813-1824.	4.4	66
2258	Structureâ€“function studies of acinetobactin analogs. Metallomics, 2017, 9, 463-470.	1.0	24
2259	Zinc solubilizing bacteria from the rhizosphere of rice as prospective modulator of zinc biofortification in rice. Rhizosphere, 2017, 3, 185-190.	1.4	81
2260	Molecular diversity of 1-aminocyclopropane-1-carboxylate (ACC) deaminase producing PGPR from wheat (Triticum aestivum L.) rhizosphere. Plant and Soil, 2017, 414, 213-227.	1.8	97
2261	Isolation of As-tolerant bacteria and their potentials of reducing As and Cd accumulation of edible tissues of vegetables in metal(loid)-contaminated soils. Science of the Total Environment, 2017, 579, 179-189.	3.9	57
2262	Phenotypic and genetic characterization of Pseudomonas syringae strains associated with the recent citrus bacterial blast and bacterial black pit epidemics in Tunisia. Plant Pathology, 2017, 66, 1081-1093.	1.2	8
2263	Survey of Plant Growth-Promoting Mechanisms in Native Portuguese Chickpea Mesorhizobium Isolates. Microbial Ecology, 2017, 73, 900-915.	1.4	39
2264	Detection of the florfenicol resistance gene floR in Chryseobacterium isolates from rainbow trout. Exception to the general rule?. FEMS Microbiology Ecology, 2017, 93, .	1.3	17
2265	Burkholderia isolates from a sand dune leaf litter display biocontrol activity against the bole rot disease of Agave sisalana. Biological Control, 2017, 112, 41-48.	1.4	15
2266	Isolated Bacillus subtilis strain 330-2 and its antagonistic genes identified by the removing PCR. Scientific Reports, 2017, 7, 1777.	1.6	57
2267	Genomic and phenotypic analyses of Pseudomonas psychrotolerans PRS08-11306 reveal a turnerbactin biosynthesis gene cluster that contributes to nitrogen fixation. Journal of Biotechnology, 2017, 253, 10-13.	1.9	12
2268	A search for glomuferrin: a potential siderophore of arbuscular mycorrhizal fungi of the genus Glomus. BioMetals, 2017, 30, 559-564.	1.8	22
2269	Promotion of iron nutrition and growth on peanut by Paenibacillus illinoisensis and Bacillus sp. strains in calcareous soil. Brazilian Journal of Microbiology, 2017, 48, 656-670.	0.8	63
2270	Exploiting the biosynthetic machinery of Streptomyces pilosus to engineer a water-soluble zirconium(<scp>iv</scp>) chelator. Organic and Biomolecular Chemistry, 2017, 15, 5719-5730.	1.5	33

#	Article	IF	Citations
2271	Isolation and identification of a cold-adapted bacterium and its characterization for biocontrol and plant growth-promoting activity. Ecological Engineering, 2017, 105, 362-369.	1.6	19
2272	A novel strain of Pseudomonas inhibits Colletotrichum gloeosporioides and Fusarium oxysporum infections and promotes germination of coffee. Rhizosphere, 2017, 4, 9-15.	1.4	14
2273	Stimulation, purification, and chemical characterization of siderophores produced by the rhizospheric bacterial strain Pseudomonas putida. Rhizosphere, 2017, 4, 16-21.	1.4	14
2274	Isolation and identification of endophytic bacteria with plant growth promoting and biocontrol potential from oak trees. Forest Pathology, 2017, 47, e12360.	0.5	23
2275	Plant growth promotion and suppression of charcoalâ€rot fungus (Macrophomina phaseolina) in velvet bean (Mucuna pruriens L.) by root nodule bacteria. Journal of Phytopathology, 2017, 165, 463-478.	0.5	11
2276	The Vibrio cholerae VexGH RND Efflux System Maintains Cellular Homeostasis by Effluxing Vibriobactin. MBio, 2017, 8, .	1.8	34
2277	Multivalent Siderophoreâ€“DOTAM Conjugates as Theranostics for Imaging and Treatment of Bacterial Infections. Angewandte Chemie - International Edition, 2017, 56, 8272-8276.	7.2	81
2278	Identification of siderophore producing and cynogenic fluorescent Pseudomonas and a simple confrontation assay to identify potential bio-control agent for collar rot of chickpea. 3 Biotech, 2017, 7, 137.	1.1	42
2279	Probiotic Pseudomonas communities enhance plant growth and nutrient assimilation via diversity-mediated ecosystem functioning. Soil Biology and Biochemistry, 2017, 113, 122-129.	4.2	77
2280	The influences of Cr-tolerant rhizobacteria in phytoremediation and attenuation of Cr (VI) stress in agronomic sunflower (Helianthus annuus L.). Chemosphere, 2017, 179, 112-119.	4.2	31
2281	Improvement of Growth, Yield, and Pigmentation of Mung Bean Plants Using Ochrobactrum intermedium CPâ€2 as Bioinoculant. Clean - Soil, Air, Water, 2017, 45, 1500670.	0.7	9
2282	Characterization of the heterotrophic bacteria from a minimally processed vegetables plant. LWT - Food Science and Technology, 2017, 85, 293-300.	2.5	23
2283	Leguminosae native nodulating bacteria from a gold mine As-contaminated soil: Multi-resistance to trace elements, and possible role in plant growth and mineral nutrition. International Journal of Phytoremediation, 2017, 19, 925-936.	1.7	26
2284	A novel Delftia plant symbiont capable of autotrophic methylotrophy. Microbiology, 2017, 86, 96-105.	0.5	17
2285	Pantoea alhagi, a novel endophytic bacterium with ability to improve growth and drought tolerance in wheat. Scientific Reports, 2017, 7, 41564.	1.6	129
2286	Endophytes from maize with plant growth promotion and biocontrol activity under drought stress. Russian Agricultural Sciences, 2017, 43, 22-34.	0.1	93
2287	Involvement of phenazine-1-carboxylic acid in the interaction between Pseudomonas chlororaphis subsp. aureofaciens strain M71 and Seiridium cardinale in vivo. Microbiological Research, 2017, 199, 49-56.	2.5	26
2288	Functional and phylogenetic diversity of cultivable rhizobacterial endophytes of sorghum [Sorghum bicolor (L.) Moench]. Antonie Van Leeuwenhoek, 2017, 110, 925-943.	0.7	17

#	Article	IF	Citations
2289	Profiling of Virulence Determinants in Cronobacter sakazakii Isolates from Different Plant and Environmental Commodities. Current Microbiology, 2017, 74, 560-565.	1.0	8
2290	Glutathione and glutathione-S-transferase activity in Jatropha curcas in association with pyrene degrader Pseudomonas aeruginosa PDB1 in rhizosphere, for alleviation of stress induced by polyaromatic hydrocarbon for effective rhizoremediation. Ecological Engineering, 2017, 102, 422-432.	1.6	29
2291	The Pseudomonas aeruginosa PrrF Small RNAs Regulate Iron Homeostasis during Acute Murine Lung Infection. Infection and Immunity, 2017, 85, .	1.0	44
2292	Halophilic rhizobacteria from Distichlis spicata promote growth and improve salt tolerance in heterologous plant hosts. Symbiosis, 2017, 73, 179-189.	1.2	39
2293	Pseudochelin A, a siderophore of Pseudoalteromonas piscicida S2040. Tetrahedron, 2017, 73, 2633-2637.	1.0	15
2294	Disruptions of the genes involved in lysine biosynthesis, iron acquisition, and secondary metabolisms affect virulence and fitness in Metarhizium robertsii. Fungal Genetics and Biology, 2017, 98, 23-34.	0.9	12
2295	Identification and genomic analysis of antifungal property of a tomato root endophyte Pseudomonas sp. p21. Antonie Van Leeuwenhoek, 2017, 110, 387-397.	0.7	16
2296	Effects of two new siderophore-producing rhizobacteria on growth and iron content of maize and canola plants. Journal of Plant Nutrition, 2017, 40, 736-746.	0.9	68
2297	Biochar and flyash inoculated with plant growth promoting rhizobacteria act as potential biofertilizer for luxuriant growth and yield of tomato plant. Journal of Environmental Management, 2017, 190, 20-27.	3.8	88
2298	Mineral Types and Tree Species Determine the Functional and Taxonomic Structures of Forest Soil Bacterial Communities. Applied and Environmental Microbiology, 2017, 83, .	1.4	39
2299	Vibrio sp. 33 a potential bacterial antagonist of Vibrio splendidus pathogenic to sea cucumber () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.7	19
2300	Tricalcium phosphate solubilization and nitrogen fixation by newly isolated Aneurinibacillus aneurinilyticus CKMV1 from rhizosphere of Valeriana jatamansi and its growth promotional effect. Brazilian Journal of Microbiology, 2017, 48, 294-304.	0.8	61
2301	Small RNAs regulate the biocontrol property of fluorescent Pseudomonas strain Psd. Microbiological Research, 2017, 196, 80-88.	2.5	5
2302	The H2-oxidizing Rhizobacteria Associated with Field-Grown Lentil Promote the Growth of Lentil Inoculated with Hup+ Rhizobium Through Multiple Modes of Action. Journal of Plant Growth Regulation, 2017, 36, 348-361.	2.8	8
2303	Identification of the Ferric-Acinetobactin Outer Membrane Receptor in Aeromonas salmonicida subsp. salmonicida and Structureâ€“Activity Relationships of Synthetic Acinetobactin Analogues. ACS Chemical Biology, 2017, 12, 479-493.	1.6	12
2304	Ecosystem services and plant physiological status during endophyte-assisted phytoremediation of metal contaminated soil. Science of the Total Environment, 2017, 584-585, 329-338.	3.9	79
2305	Genetic and biochemical characterization of rhizobacterial strains and their potential use in combination with chelants for assisted phytoremediation. Environmental Science and Pollution Research, 2017, 24, 8866-8878.	2.7	10
2306	Iron controls over diâ€nitrogen fixation in karst tropical forest. Ecology, 2017, 98, 773-781.	1.5	37

#	Article	IF	Citations
2307	Solubilization of Pb-bearing apatite Pb5(PO4)3Cl by bacteria isolated from polluted environment. Chemosphere, 2017, 171, 302-307.	4.2	13
2308	Potential for plant biocontrol activity of isolated Pseudomonas aeruginosa and Bacillus stratosphericus strains against bacterial pathogens acting through both induced plant resistance and direct antagonism. FEMS Microbiology Letters, 2017, 364, .	0.7	46
2309	Actinobacteria phylogenomics, selective isolation from an iron oligotrophic environment and siderophore functional characterization, unveil new desferrioxamine traits. FEMS Microbiology Ecology, 2017, 93, .	1.3	71
2310	Isolation and identification of plant growth promoting rhizobacteria from maize (Zea mays L.) rhizosphere and their plant growth promoting effect on rice (Oryza sativa L.). Journal of Plant Protection Research, 2017, 57, 144-151.	1.0	38
2311	Modified microplate method for rapid and efficient estimation of siderophore produced by bacteria. 3 Biotech, 2017, 7, 381.	1.1	140
2312	Siderophores: Augmentation of Soil Health and Crop Productivity. , 2017, , 291-312.		31
2313	Physiopathological roles of spontaneously released outer membrane vesicles of Bordetella pertussis. Future Microbiology, 2017, 12, 1247-1259.	1.0	17
2314	What Lies Beneath: Root-Associated Bacteria to Improve the Growth and Health of Olive Trees. , 2017, , 107-122.		6
2315	Differential response of single and co-inoculation of Rhizobium leguminosarum and Mesorhizobium ciceri for inducing water deficit stress tolerance in wheat. Annals of Microbiology, 2017, 67, 739-749.	1.1	18
2316	Revisiting the Chrome Azurol S Assay for Various Metal Ions. Solid State Phenomena, 0, 262, 509-512.	0.3	14
2317	Remediation Performance and Mechanism of Heavy Metals by a Bottom Up Activation and Extraction System Using Multiple Biochemical Materials. ACS Applied Materials & Interfaces, 2017, 9, 30448-30457.	4.0	54
2318	Phylogenetic diversity and antagonistic traits of root and rhizosphere pseudomonads of bean from Iran for controlling Rhizoctonia solani. Research in Microbiology, 2017, 168, 760-772.	1.0	16
2319	Biological Control and Plant Growth-Promotion Traits of Streptomyces Species Under Greenhouse and Field Conditions in Chickpea. Agricultural Research, 2017, 6, 410-420.	0.9	26
2320	Influence of bacterial strains on Oryza sativa grown under arsenic tainted soil: Accumulation and detoxification response. Plant Physiology and Biochemistry, 2017, 119, 93-102.	2.8	30
2321	A Highly Conserved Basidiomycete Peptide Synthetase Produces a Trimeric Hydroxamate Siderophore. Applied and Environmental Microbiology, 2017, 83, .	1.4	27
2322	Ferric Uptake Regulator Fur Is Conditionally Essential in Pseudomonas aeruginosa. Journal of Bacteriology, 2017, 199, .	1.0	64
2323	High-yield production of indole-3-acetic acid by Enterobacter sp. DMKU-RP206, a rice phyllosphere bacterium that possesses plant growth-promoting traits. 3 Biotech, 2017, 7, 305.	1.1	42
2324	Roseochelin B, an Algaecidal Natural Product Synthesized by the Roseobacter Phaeobacter inhibens in Response to Algal Sinapic Acid. Organic Letters, 2017, 19, 5138-5141.	2.4	42

#	Article	IF	Citations
2325	Molecular characterization and phylogenetic analysis of highly pathogenic Vibrio alginolyticus strains isolated during mortality outbreaks in cultured Ruditapes decussatus juvenile. Microbial Pathogenesis, 2017, 111, 487-496.	1.3	20
2326	Investigation of a spontaneous mutant reveals novel features of iron uptake in Shewanella oneidensis. Scientific Reports, 2017, 7, 11788.	1.6	17
2327	Isolation and characterization of drought resistance bacteria for plant growth promoting properties and their effect on chilli (Capsicum annuum) seedling under salt stress. Biocatalysis and Agricultural Biotechnology, 2017, 12, 85-89.	1.5	47
2328	Characterization of cadmium-resistant Klebsiella pneumoniae MCC 3091 promoted rice seedling growth by alleviating phytotoxicity of cadmium. Environmental Science and Pollution Research, 2017, 24, 24419-24437.	2.7	96
2329	Cr(VI) and lindane removal by Streptomyces M7 is improved by maize root exudates. Journal of Basic Microbiology, 2017, 57, 1037-1044.	1.8	14
2330	Mortierella alpina CS10E4, an oleaginous fungal endophyte of Crocus sativus L. enhances apocarotenoid biosynthesis and stress tolerance in the host plant. Scientific Reports, 2017, 7, 8598.	1.6	104
2331	Siderophore Purification via Immobilized Metal Affinity Chromatography. Solid State Phenomena, 0, 262, 505-508.	0.3	3
2332	Differential antagonistic responses of Bacillus pumilus MSUA3 against Rhizoctonia solani and Fusarium oxysporum causing fungal diseases in Fagopyrum esculentum Moench. Microbiological Research, 2017, 205, 40-47.	2.5	69
2333	Plant Growthâ€“Promoting Bacteria (PGPB): Isolation and Screening of PGP Activities. Current Protocols in Plant Biology, 2017, 2, 190-209.	2.8	23
2334	Azotobacter chroococcum as a potentially useful bacterial biofertilizer for cotton (Gossypium) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.4	61
2335	Horizontal transfer and functional evaluation of high pathogenicity islands in Avian Escherichia coli. Polish Journal of Veterinary Sciences, 2017, 20, 395-402.	0.2	3
2336	Characterization of the Functional Variance in MbtH-like Protein Interactions with a Nonribosomal Peptide Synthetase. Biochemistry, 2017, 56, 5380-5390.	1.2	30
2337	The Small Protein HemP Is a Transcriptional Activator for the Hemin Uptake Operon in Burkholderia multivorans ATCC 17616. Applied and Environmental Microbiology, 2017, 83, .	1.4	19
2338	Ferrichrome Has Found Its Match: Biomimetic Analogues with Diversified Activity Map Discrete Microbial Targets. Chemistry - A European Journal, 2017, 23, 13181-13191.	1.7	8
2339	Nutrients and host attributes modulate the abundance and functional traits of phyllosphere microbiome in rice. Microbiological Research, 2017, 204, 55-64.	2.5	40
2340	Analysis of nhaA gene from salt tolerant and plant growth promoting Enterobacter ludwigii. Rhizosphere, 2017, 4, 62-69.	1.4	17
2341	Multivalente Siderophorâ€ĐOTAMâ€Konjugate als Theranostika zur Visualisierung und Behandlung bakterieller Infektionen. Angewandte Chemie, 2017, 129, 8384-8389.	1.6	10
2342	Molecular, structural, and functional comparison of N lobe and C lobe of the transferrin from rock bream, Oplegnathus fasciatus, with respect to its immune response. Fish and Shellfish Immunology, 2017, 68, 299-309.	1.6	9

#	Article	IF	Citations
2343	Novel multifunctional plant growthâ€“promoting bacteria in co-compost of palm oil industry waste. Journal of Bioscience and Bioengineering, 2017, 124, 506-513.	1.1	24
2344	A novel antibacterial peptide derived fromCrocodylus siamensishaemoglobin hydrolysate induces membrane permeabilization causing iron dysregulation, oxidative stress and bacterial death. Journal of Applied Microbiology, 2017, 123, 819-831.	1.4	16
2345	Extraction of Ce and Th from Monazite Using REE Tolerant Aspergillus niger. Mineral Processing and Extractive Metallurgy Review, 2017, 38, 312-320.	2.6	22
2346	Phylogenetic diversity and functional characterization of the Manila clam microbiota: a culture-based approach. Environmental Science and Pollution Research, 2017, 24, 21721-21732.	2.7	21
2347	The rhizosphere microbiome of burned holm-oak: potential role of the genus Arthrobacter in the recovery of burned soils. Scientific Reports, 2017, 7, 6008.	1.6	88
2348	Phylloplane bacteria of Jatropha curcas: diversity, metabolic characteristics, and growth-promoting attributes towards vigor of maize seedling. Canadian Journal of Microbiology, 2017, 63, 822-833.	0.8	5
2350	The first report on Listeria monocytogenes producing siderophores and responds positively to N-acyl homoserine lactone (AHL) molecules by enhanced biofilm formation. Archives of Microbiology, 2017, 199, 1409-1415.	1.0	8
2351	Abiotic stress tolerance of microorganisms associated with oregano (Origanum vulgare L.) in the Yaqui Valley, Sonora. Open Agriculture, 2017, 2, .	0.7	3
2352	Bioherbicidal activity of allelopathic bacteria against weeds associated with wheat and their effects on growth of wheat under axenic conditions. BioControl, 2017, 62, 719-730.	0.9	17
2353	Phosphorus-Mobilizing Rhizobacterial Strain Bacillus cereus GS6 Improves Symbiotic Efficiency of Soybean on an Aridisol Amended with Phosphorus-Enriched Compost. Pedosphere, 2017, 27, 1049-1061.	2.1	24
2354	Multifaceted Rhizobacteria-Mediated Growth Augmentation in Chickpea. Agricultural Research, 2017, 6, 368-377.	0.9	1
2355	Nanobiotechnology Applications in Special Reference to Fungi. Fungal Biology, 2017, , 263-287.	0.3	0
2356	Diisonitrile Natural Product SF2768 Functions As a Chalkophore That Mediates Copper Acquisition in Streptomyces thioluteus. ACS Chemical Biology, 2017, 12, 3067-3075.	1.6	75
2357	Discovery of nicoyamycin A, an inhibitor of uropathogenic Escherichia coli growth in low iron environments. Chemical Communications, 2017, 53, 12778-12781.	2.2	5
2358	Effects of Bacillus subtilis on some physiological and biochemical parameters of Triticum aestivum L. (wheat) under salinity. Plant Physiology and Biochemistry, 2017, 121, 80-88.	2.8	88
2359	Characterization of siderophore produced by Pseudomonas syringae BAF.1 and its inhibitory effects on spore germination and mycelium morphology of Fusarium oxysporum. Journal of Microbiology, 2017, 55, 877-884.	1.3	20
2360	Rhizosphere microorganisms affected by soil solarization and cover cropping in Capsicum annuum and Phaseolus lunatus agroecosystems. Applied Soil Ecology, 2017, 119, 64-71.	2.1	22
2361	Synergistic effect of Chryseobacterium gleum sp. SUK with ACC deaminase activity in alleviation of salt stress and plant growth promotion in Triticum aestivum L.. 3 Biotech, 2017, 7, 105.	1.1	39

#	Article	IF	Citations
2362	Increased production of yersiniabactin and an anthranilate analog through media optimization. Biotechnology Progress, 2017, 33, 1193-1200.	1.3	6
2363	Hydrocarbon degradation potential and plant growth-promoting activity of culturable endophytic bacteria of Lotus corniculatus and Oenothera biennis from a long-term polluted site. Environmental Science and Pollution Research, 2017, 24, 19640-19652.	2.7	67
2364	A novel split-pot bioassay to screen indole acetic acid producing rhizobacteria for the improvement of plant growth in tomato [Solanum lycopersicum L.]. Scientia Horticulturae, 2017, 224, 351-357.	1.7	18
2365	Diversity and functional properties of acid-tolerant bacteria isolated from tea plantation soil of Assam. 3 Biotech, 2017, 7, 229.	1.1	30
2366	Maize seed endophytic bacteria: dominance of antagonistic, lytic enzyme-producing Bacillus spp.. 3 Biotech, 2017, 7, 232.	1.1	51
2367	Serpentine endophytic bacterium Pseudomonas azotoformans ASS1 accelerates phytoremediation of soil metals under drought stress. Chemosphere, 2017, 185, 75-85.	4.2	93
2368	Variety specific relationships between effects of rhizobacteria on root exudation, growth and nutrient uptake of soybean. Plant and Soil, 2017, 419, 83-96.	1.8	37
2369	Bacillus pumilus strain YSPMK11 as plant growth promoter and bicontrol agent against Sclerotinia sclerotiorum. 3 Biotech, 2017, 7, 90.	1.1	32
2370	Nitrogen fixation, plant growth and yield enhancements by diazotrophic growth-promoting bacteria in two cultivars of chickpea (Cicer arietinum L.). Biocatalysis and Agricultural Biotechnology, 2017, 11, 116-123.	1.5	42
2371	Indigenous bacteria enhance growth and modify essential oil content in Leptospermum scoparium (mÄnuka). New Zealand Journal of Botany, 2017, 55, 306-317.	0.8	13
2372	Evaluation of environmental bacterial communities as a factor affecting the growth of duckweed Lemna minor. Biotechnology for Biofuels, 2017, 10, 62.	6.2	64
2373	Cyanogenic Pseudomonas spp. strains are concentrated in the rhizosphere of alpine pioneer plants. Microbiological Research, 2017, 194, 20-28.	2.5	22
2374	Effect of Pseudomonas fluorescens RB4 and Bacillus subtilis 189 on the phytoremediation potential of Catharanthus roseus (L.) in Cu and Pb-contaminated soils. International Journal of Phytoremediation, 2017, 19, 514-521.	1.7	32
2375	Role of Ni-tolerantBacillusspp. andAlthea roseaL. in the phytoremediation of Ni-contaminated soils. International Journal of Phytoremediation, 2017, 19, 470-477.	1.7	25
2376	Influence of salt tolerantTrichodermaspp. on growth of maize (Zea mays) under different salinity conditions. Journal of Basic Microbiology, 2017, 57, 141-150.	1.8	41
2377	Significance of diazotrophic plant growth-promoting Herbaspirillum sp. GW103 on phytoextraction of Pband Zn by Zea mays L.. Environmental Science and Pollution Research, 2017, 24, 3172-3180.	2.7	18
2378	The effect of temperature on the phenotypic features and the maceration ability of Dickeya solani strains isolated in Finland, Israel and Poland. European Journal of Plant Pathology, 2017, 147, 803-817.	0.8	33
2379	Assessing the role of endophytic bacteria in the halophyte Arthrocnemum macrostachyum salt tolerance. Plant Biology, 2017, 19, 249-256.	1.8	83

#	Article	IF	Citations
2380	Evaluation of biological control of Erwinia amylovora, causal agent of fire blight disease of pear by antagonistic bacteria. Biological Control, 2017, 104, 28-34.	1.4	55
2381	Arbuscular mycorrhizal fungi and plant growth-promoting pseudomonads improve yield, quality and nutritional value of tomato: a field study. Mycorrhiza, 2017, 27, 1-11.	1.3	210
2382	Enhanced Cd extraction of oilseed rape (Brassica napus) by plant growth-promoting bacteria isolated from Cd hyperaccumulator Sedum alfredii Hance. International Journal of Phytoremediation, 2017, 19, 281-289.	1.7	64
2383	Rhizoremediation of cadmium-contaminated soil associated with hydroxamate siderophores isolated from Cd-resistant plant growthâ€“promoting Dietzia maris and Lysinibacillus strains. International Journal of Phytoremediation, 2017, 19, 290-299.	1.7	14
2384	A nodule endophytic plant growth-promoting Pseudomonas and its effects on growth, nodulation and metal uptake in Medicago lupulina under copper stress. Annals of Microbiology, 2017, 67, 49-58.	1.1	49
2385	Marine Pollution and Microbial Remediation. , 2017, , .		13
2386	Applications of Siderophore Producing Marine Bacteria in Bioremediation of Metals and Organic Compounds. , 2017, , 177-187.		3
2387	Plant Growth-Promoting Characteristics of Salt Tolerant Enterobacter cloacae Strain KBPD and Its Efficacy in Amelioration of Salt Stress in Vigna radiata L.. Journal of Plant Growth Regulation, 2017, 36, 215-226.	2.8	37
2388	Native rhizobia from Zn mining soil promote the growth of Leucaena leucocephala on contaminated soil. International Journal of Phytoremediation, 2017, 19, 142-156.	1.7	31
2389	Xanthoferrin, the Î±â€hydroxycarboxylateâ€type siderophore of Xanthomonas campestris pv. campestris, is required for optimum virulence and growth inside cabbage. Molecular Plant Pathology, 2017, 18, 949-962.	2.0	54
2390	Endophytes of Jatropha curcas promote growth of maize. Rhizosphere, 2017, 3, 20-28.	1.4	16
2391	Shared and hostâ€specific microbiome diversity and functioning of grapevine and accompanying weed plants. Environmental Microbiology, 2017, 19, 1407-1424.	1.8	100
2392	Temperatureâ€responsive genetic loci in pectinolytic plant pathogenic Dickeya solani. Plant Pathology, 2017, 66, 584-594.	1.2	37
2393	Plant growth-promoting potential of endophytic bacteria isolated from roots of wild Dodonaea viscosa L.. Plant Growth Regulation, 2017, 81, 399-408.	1.8	62
2394	Phyto-extraction of chromium and influence of plant growth promoting bacteria to enhance plant growth. Journal of Geochemical Exploration, 2017, 182, 269-274.	1.5	52
2395	The effect of plant growth-promoting rhizobacteria on the growth, physiology, and Cd uptake ofArundo donaxL.. International Journal of Phytoremediation, 2017, 19, 360-370.	1.7	44
2396	Rhizobacteria promoted growth and yield of tomato plants and control of Fusarium oxysporum f. sp. radicis-lycopersici. Acta Horticulturae, 2017, , 345-352.	0.1	1
2397	Interaction Between Beneficial Bacteria and Sugarcane. , 2017, , 1-27.		2

#	Article	IF	Citations
2398	Bacterial RNAP Inhibitors: Synthesis and Evaluation of Prodrugs of Arylâ€ureidothiopheneâ€carboxylic acids. ChemistrySelect, 2017, 2, 11899-11905.	0.7	2
2399	Production, optimization and probiotic characterization of potential lactic acid bacteria producing siderophores. AIMS Microbiology, 2017, 3, 88-107.	1.0	11
2400	In vitro biocontrol and biofertilization features study of a Bacillus amyloliquefaciens (4RH) strain isolated from a hot spring soil in Algeria. African Journal of Microbiology Research, 2017, 11, 1564-1572.	0.4	1
2401	Tolerance and Reduction of Chromium(VI) by Bacillus sp. MNU16 Isolated from Contaminated Coal Mining Soil. Frontiers in Plant Science, 2017, 8, 778.	1.7	96
2402	Impact of Pseudomonas aeruginosa MAJ PIA03 affecting the growth and phytonutrient production of castor, a primary host-plant of Samia ricini. Journal of Soil Science and Plant Nutrition, 2017, , 0-0.	1.7	3
2403	Functional Characterization of Endophytic Fungal Community Associated with Oryza sativa L. and Zea mays L.. Frontiers in Microbiology, 2017, 8, 325.	1.5	173
2404	Enhanced Plant Performance in Cicer arietinum L. Due to the Addition of a Combination of Plant Growth-Promoting Bacteria. Agriculture (Switzerland), 2017, 7, 40.	1.4	10
2405	Evaluation of the Antifungal Activity of Streptomyces sp. on Bipolaris sorokiniana and the Growth Promotion of Wheat Plants. Journal of Agricultural Science, 2017, 9, 229.	0.1	6
2406	Secreted Citrate Serves as Iron Carrier for the Marine Pathogen Photobacterium damselae subsp damselae. Frontiers in Cellular and Infection Microbiology, 2017, 7, 361.	1.8	22
2407	Plant Growth Promoting Bacteria Associated with Langsdorffia hypogaea-Rhizosphere-Host Biological Interface: A Neglected Model of Bacterial Prospection. Frontiers in Microbiology, 2017, 08, 172.	1.5	32
2408	Wide Distribution of Foxicin Biosynthetic Gene Clusters in Streptomyces Strains â€“ An Unusual Secondary Metabolite with Various Properties. Frontiers in Microbiology, 2017, 8, 221.	1.5	6
2409	Players over the Surface: Unraveling the Role of Exopolysaccharides in Zinc Biosorption by Fluorescent Pseudomonas Strain Psd. Frontiers in Microbiology, 2017, 8, 284.	1.5	27
2410	Phosphate Limitation Triggers the Dissolution of Precipitated Iron by the Marine Bacterium Pseudovibrio sp. FO-BEG1. Frontiers in Microbiology, 2017, 8, 364.	1.5	19
2411	An In vitro Study of Bio-Control and Plant Growth Promotion Potential of Salicaceae Endophytes. Frontiers in Microbiology, 2017, 8, 386.	1.5	126
2412	Genetic Diversity of Nitrogen-Fixing and Plant Growth Promoting Pseudomonas Species Isolated from Sugarcane Rhizosphere. Frontiers in Microbiology, 2017, 8, 1268.	1.5	116
2413	Streptomyces globosus UAE1, a Potential Effective Biocontrol Agent for Black Scorch Disease in Date Palm Plantations. Frontiers in Microbiology, 2017, 8, 1455.	1.5	53
2414	Exploring the Potentials of Lysinibacillus sphaericus ZA9 for Plant Growth Promotion and Biocontrol Activities against Phytopathogenic Fungi. Frontiers in Microbiology, 2017, 8, 1477.	1.5	76
2415	Determination of Geochemical Bio-Signatures in Mars-Like Basaltic Environments. Frontiers in Microbiology, 2017, 8, 1668.	1.5	15

#	Article	IF	Citations
2416	The Laclâ€“Family Transcription Factor, RbsR, Is a Pleiotropic Regulator of Motility, Virulence, Siderophore and Antibiotic Production, Gas Vesicle Morphogenesis and Flotation in Serratia. Frontiers in Microbiology, 2017, 8, 1678.	1.5	20
2417	Reclassification of Paenibacillus riograndensis as a Genomovar of Paenibacillus sonchi: Genome-Based Metrics Improve Bacterial Taxonomic Classification. Frontiers in Microbiology, 2017, 8, 1849.	1.5	27
2418	Biocontrol of Bacterial Leaf Blight of Rice and Profiling of Secondary Metabolites Produced by Rhizospheric Pseudomonas aeruginosa BRp3. Frontiers in Microbiology, 2017, 8, 1895.	1.5	157
2419	The Endophytic Symbiontâ€”Pseudomonas aeruginosa Stimulates the Antioxidant Activity and Growth of Achyranthes aspera L.. Frontiers in Microbiology, 2017, 8, 1897.	1.5	44
2420	The PGPR Stenotrophomonas maltophilia SBP-9 Augments Resistance against Biotic and Abiotic Stress in Wheat Plants. Frontiers in Microbiology, 2017, 8, 1945.	1.5	222
2421	Characterization of Antimicrobial-Producing Beneficial Bacteria Isolated from Huanglongbing Escape Citrus Trees. Frontiers in Microbiology, 2017, 8, 2415.	1.5	48
2422	Contribution of Zinc Solubilizing Bacteria in Growth Promotion and Zinc Content of Wheat. Frontiers in Microbiology, 2017, 8, 2593.	1.5	222
2423	Thermochelin, a Hydroxamate Siderophore from Thermocrispum agreste DSM 44070. Solid State Phenomena, 2017, 262, 501-504.	0.3	6
2424	RhizosphericBacillus subtilisExhibits Biocontrol Effect againstRhizoctonia solaniin Pepper(Capsicum annuum). BioMed Research International, 2017, 2017, 1-9.	0.9	21
2425	Biological Control of Bacterial Fruit Blotch of Watermelon Pathogen (Acidovorax citrulli) with Rhizosphere Associated Bacteria. Plant Pathology Journal, 2017, 33, 170-183.	0.7	33
2426	Using Biotechnology to Solve Engineering Problems: Non-Destructive Testing of Microfabrication Components. Materials, 2017, 10, 788.	1.3	4
2427	Evaluation of multifarious plant growth promoting traits, antagonistic potential and phylogenetic affiliation of rhizobacteria associated with commercial tea plants grown in Darjeeling, India. PLoS ONE, 2017, 12, e0182302.	1.1	81
2428	Bacterial Compatibility in Combined Inoculations Enhances the Growth of Potato Seedlings. Microbes and Environments, 2017, 32, 14-23.	0.7	53
2429	Effect of incubation duration, growth temperature, and abiotic surface type on cell surface properties, adhesion and pathogenicity of biofilm-detached Staphylococcus aureus cells. AMB Express, 2017, 7, 191.	1.4	27
2430	Native microorganisms as potent bioinoculants for plant growth promotion in shifting agriculture (Jhum) systems. Journal of Soil Science and Plant Nutrition, 2017, , 0-0.	1.7	14
2431	<i>Streptomyces cameroonensis</i> sp. nov., a Geldanamycin Producer That Promotes <i>Theobroma cacao</i> Growth. Microbes and Environments, 2017, 32, 24-31.	0.7	22
2432	Klebsiella variicola and Klebsiella quasipneumoniae with capacity to adapt to clinical and plant settings. Salud Publica De Mexico, 2017, 60, 29.	0.1	28
2433	A plant growth promoting rhizospheric Pseudomonas aeruginosa strain inhibits seed germination in Triticum aestivum (L) and Zea mays (L). Mental Illness, 2017, 8, .	0.8	31

#	Article	IF	Citations
2434	Probiotic potential Streptomyces species from the grains of pearl millet (Pennisetum glaucum). African Journal of Microbiology Research, 2017, 11, 553-559.	0.4	2
2435	A manganese photosensitive tricarbonyl molecule [Mn(CO)3(tpa-Î²3 N)]Br enhances antibiotic efficacy in a multi-drug-resistant Escherichia coli. Microbiology (United Kingdom), 2017, 163, 1477-1489.	0.7	33
2436	Plant Growth Promoting Bacteria Isolated From a Mexican Natural Ecosystem Induce Water Stress Resistance in Maize and Sorghum Plants. Journal of Microbial & Biochemical Technology, 2017, 9, .	0.2	3
2437	Isolation and characterization of potential Zn solubilizing bacteria from soil and its effects on soil Zn release rates, soil available Zn and plant Zn content. Geoderma, 2018, 321, 173-186.	2.3	83
2438	Role of nutrient limitation in the competition between uropathogenic strains of Klebsiella pneumoniae and Escherichia coli in mixed biofilms. Biofouling, 2018, 34, 287-298.	0.8	20
2439	Immobilized FhuD2 Siderophore-Binding Protein Enables Purification of Salmycin Sideromycins from Streptomyces violaceus DSM 8286. ACS Infectious Diseases, 2018, 4, 845-859.	1.8	12
2440	The secreted metabolome of Streptomyces chartreusis and implications for bacterial chemistry. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2490-2495.	3.3	69
2441	Alleviation of drought stress in pulse crops with ACC deaminase producing rhizobacteria isolated from acidic soil of Northeast India. Scientific Reports, 2018, 8, 3560.	1.6	193
2442	Long-Term Microevolution of Pseudomonas aeruginosa Differs between Mildly and Severely Affected Cystic Fibrosis Lungs. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 246-256.	1.4	42
2443	Isolation and characterization of N₂â€fixing bacteria from giant reed and switchgrass for plant growth promotion and nutrient uptake. Journal of Basic Microbiology, 2018, 58, 459-471.	1.8	43
2444	Mechanism of arsenic resistance in endophytic bacteria isolated from endemic plant of mine tailings and their arsenophore production. Archives of Microbiology, 2018, 200, 883-895.	1.0	27
2445	Enhancing total lipid and stearidonic acid yields inBuglossoides arvensisthrough PGPR inoculation. Journal of Applied Microbiology, 2018, 125, 203-215.	1.4	10
2446	Indigenous plant growth-promoting bacteria enhance plant growth, biomass, and nutrient uptake in degraded forest plants. 3 Biotech, 2018, 8, 154.	1.1	12
2447	Porostereum sp., Associated with Saffron (Crocus sativus L.), is a Latent Pathogen Capable of Producing Phytotoxic Chlorinated Aromatic Compounds. Current Microbiology, 2018, 75, 880-887.	1.0	11
2448	Iron Acquisition and Siderophore Release by Carbapenem-Resistant Sequence Type 258 Klebsiella pneumoniae. MSphere, 2018, 3, .	1.3	36
2449	Biofilm inhibition and pathogenicity attenuation in bacteria by Proteus mirabilis. Royal Society Open Science, 2018, 5, 170702.	1.1	14
2450	The Role of Iron Competition in the Antagonistic Action of the Rice Endophyte Streptomyces sporocinereus OsiSh-2 Against the Pathogen Magnaporthe oryzae. Microbial Ecology, 2018, 76, 1021-1029.	1.4	35
2451	Response of two wheat cultivars to inoculation of diazotrophic bacteria in combination with reduced nitrogen fertilisation under field conditions. South African Journal of Plant and Soil, 2018, 35, 343-350.	0.4	2

#	Article	IF	Citations
2452	Paenibacillus panacihumi sp. nov., a potential plant growth-promoting bacterium isolated from ginseng-cultivated soil. Archives of Microbiology, 2018, 200, 1049-1055.	1.0	9
2453	Influence of IAA and ACC Deaminase Producing Fluorescent Pseudomonads in Alleviating Drought Stress in Wheat (Triticum aestivum). Agricultural Research, 2018, 7, 290-299.	0.9	47
2454	Role of Burkholderia cepacia CS8 in Cd-stress alleviation and phytoremediation by Catharanthus roseus. International Journal of Phytoremediation, 2018, 20, 581-592.	1.7	39
2455	A Complex Mechanism Involving LysR and TetR/AcrR That Regulates Iron Scavenger Biosynthesis in Pseudomonas donghuensis HYS. Journal of Bacteriology, 2018, 200, .	1.0	39
2456	Characterization of As(III) oxidizing Achromobacter sp. strain N2: effects on arsenic toxicity and translocation in rice. Annals of Microbiology, 2018, 68, 295-304.	1.1	15
2457	Identification of interior salt-tolerant bacteria from ice plant Mesembryanthemum crystallinum and evaluation of their promoting effects. Symbiosis, 2018, 76, 243-252.	1.2	10
2458	Stress tolerance and plant growth promotion potential of Enterobacter ludwigii PS1 isolated from Seabuckthorn rhizosphere. Biocatalysis and Agricultural Biotechnology, 2018, 14, 438-443.	1.5	14
2459	Detection of arsenic-binding siderophores in arsenic-tolerating Actinobacteria by a modified CAS assay. Ecotoxicology and Environmental Safety, 2018, 157, 176-181.	2.9	48
2460	Structural and functional delineation of aerobactin biosynthesis in hypervirulent Klebsiella pneumoniae. Journal of Biological Chemistry, 2018, 293, 7841-7852.	1.6	33
2461	Cyanotrophic and arsenic oxidizing activities of Pseudomonas mendocina P6115 isolated from mine tailings containing high cyanide concentration. Archives of Microbiology, 2018, 200, 1037-1048.	1.0	5
2462	Phenanthrene-degrading bacteria on root surfaces: a natural defense that protects plants from phenanthrene contamination. Plant and Soil, 2018, 425, 335-350.	1.8	18
2463	Impact on the Fe redox cycling of organic ligands released by Synechococcus PCC 7002, under different iron fertilization scenarios. Modeling approach. Journal of Marine Systems, 2018, 182, 67-78.	0.9	12
2464	Dissociation between Iron and Heme Biosyntheses Is Largely Accountable for Respiration Defects of Shewanella oneidensis fur Mutants. Applied and Environmental Microbiology, 2018, 84, .	1.4	18
2465	Microbial Siderophores in Metal Detoxification and Therapeutics: Recent Prospective and Applications. Microorganisms for Sustainability, 2018, , 337-350.	0.4	8
2466	Molecular interaction of 1-aminocyclopropane-1-carboxylate deaminase (ACCD)-producing endophytic Streptomyces sp. GMKU 336 towards salt-stress resistance of Oryza sativa L. cv. KDML105. Scientific Reports, 2018, 8, 1950.	1.6	113
2467	PGPRs of plum (Prunus domestica) rhizosphere enhance plant growth and antagonise fungal activityin vitro. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2018, 68, 367-378.	0.3	1
2468	Microorganisms for Green Revolution. Microorganisms for Sustainability, 2018, , .	0.4	5
2469	Screening of endofungal bacteria isolated from wild growing mushrooms as potential biological control agents against brown blotch and internal stipe necrosis diseases of Agaricus bisporus. Biological Control, 2018, 119, 20-26.	1.4	28

#	Article	IF	Citations
2470	Community Structure of Endophytic Actinobacteria in a New Zealand Native Medicinal Plant Pseudowintera colorata (Horopito) and Their Influence on Plant Growth. Microbial Ecology, 2018, 76, 729-740.	1.4	29
2471	Endophytes isolated from ginger rhizome exhibit growth promoting potential forZea mays. Archives of Agronomy and Soil Science, 2018, 64, 1302-1314.	1.3	25
2472	Identification and evaluation of Aspergillus tubingensis as a potential biocontrol agent against grey mould on tomato. Journal of General Plant Pathology, 2018, 84, 148-159.	0.6	20
2473	Psychrotrophic Microbiomes: Molecular Diversity and Beneficial Role in Plant Growth Promotion and Soil Health. Microorganisms for Sustainability, 2018, , 197-240.	0.4	44
2474	Multifarious plant growth promotion by an entomopathogenic fungus Lecanicillium psalliotae. Microbiological Research, 2018, 207, 153-160.	2.5	50
2475	Genome sequencing to develop Paenibacillus donghaensis strain JH8T (KCTC 13049T= LMG 23780T) as a microbial fertilizer and correlation to its plant growth-promoting phenotype. Marine Genomics, 2018, 37, 39-42.	0.4	2
2476	The potential contribution of siderophore producing bacteria on growth and Fe ion concentration of sunflower (Helianthus annuusL.) under water stress. Journal of Plant Nutrition, 2018, 41, 619-626.	0.9	26
2477	Rhizosphere-associated Alcaligenes and Bacillus strains that induce resistance against blast and sheath blight diseases, enhance plant growth and improve mineral content in rice. Journal of Applied Microbiology, 2018, 124, 779-796.	1.4	33
2478	Bacterial diversity associated with poplar trees grown on a Hg-contaminated site: Community characterization and isolation of Hg-resistant plant growth-promoting bacteria. Science of the Total Environment, 2018, 622-623, 1165-1177.	3.9	65
2479	Diversity and characterization of Azotobacter isolates obtained from rice rhizosphere soils in Taiwan. Annals of Microbiology, 2018, 68, 17-26.	1.1	20
2480	Probiotic activities of Rhizobium laguerreae on growth and quality of spinach. Scientific Reports, 2018, 8, 295.	1.6	50
2481	Suppression of root-knot disease in Pogostemon cablin caused by Meloidogyne incognita in a rhizobacteria mediated activation of phenylpropanoid pathway. Biological Control, 2018, 119, 43-50.	1.4	34
2482	Vibrioferrin production by the food spoilage bacterium Pseudomonas fragi. FEMS Microbiology Letters, 2018, 365, .	0.7	19
2483	Paracetamol â€“ toxicity and microbial utilization. Pseudomonas moorei KB4 as a case study for exploring degradation pathway. Chemosphere, 2018, 206, 192-202.	4.2	92
2484	Alginate-perlite encapsulated Pseudomonas putida A (ATCC 12633) cells: Preparation, characterization and potential use as plant inoculants. Journal of Biotechnology, 2018, 278, 28-33.	1.9	35
2485	Bacterial endophytes modulates the withanolide biosynthetic pathway and physiological performance in Withania somnifera under biotic stress. Microbiological Research, 2018, 212-213, 17-28.	2.5	32
2486	Grapevine rootstocks shape underground bacterial microbiome and networking but not potential functionality. Microbiome, 2018, 6, 3.	4.9	194
2487	Biotic aspects involved in the control of damping-off producing agents: The role of the thermotolerant microbiota isolated from composting of plant waste. Biological Control, 2018, 124, 82-91.	1.4	20

#	Article	IF	Citations
2488	Differences in weathering pattern, stress resistance and community structure of culturable rock-weathering bacteria between altered rocks and soils. RSC Advances, 2018, 8, 14201-14211.	1.7	8
2489	Unraveling the multilevel aspects of least explored plant beneficial Trichoderma saturnisporum isolate GITX-Panog (C). European Journal of Plant Pathology, 2018, 152, 169-183.	0.8	19
2490	Enhanced exopolysaccharide production and biofilm forming ability in methicillin resistant Staphylococcus sciuri isolated from dairy in response to acyl homoserine lactone (AHL). Journal of Food Science and Technology, 2018, 55, 2087-2094.	1.4	12
2491	Consistent associations with beneficial bacteria in the seed endosphere of barley (Hordeum vulgare) Tj ETQq1 1 0.784314 rgBT /Over	1.2	72
2492	Potential applications of Pseudomonas sp. (strain CPSB21) to ameliorate Cr6+ stress and phytoremediation of tannery effluent contaminated agricultural soils. Scientific Reports, 2018, 8, 4860.	1.6	70
2493	Pseudomonas aeruginosa AlgR Phosphorylation Status Differentially Regulates Pyocyanin and Pyoverdine Production. MBio, 2018, 9, .	1.8	36
2494	Effect of inoculation of zinc-resistant bacterium Enterobacter ludwigii CDP-14 on growth, biochemical parameters and zinc uptake in wheat (Triticum aestivum L.) plant. Ecological Engineering, 2018, 116, 163-173.	1.6	34
2495	Population diversity of bacterial endophytes from jute (Corchorus olitorius) and evaluation of their potential role as bioinoculants. Microbiological Research, 2018, 208, 43-53.	2.5	42
2496	Bioleaching of rare earth elements from bastnaesite-bearing rock by actinobacteria. Chemical Geology, 2018, 483, 544-557.	1.4	63
2497	Oxic Fe(III) reduction could have generated Fe(II) in the photic zone of Precambrian seawater. Scientific Reports, 2018, 8, 4238.	1.6	11
2498	Development of Microbial Consortia for Growth Attributes and Protein Content in Micropropagated Bacopa monnieri (L.). Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 143-151.	0.4	4
2499	Insect Gut Bacteria: A Novel Source for Siderophore Production. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 567-572.	0.4	19
2500	Bacillus sonorensis, a Novel Plant Growth Promoting Rhizobacterium in Improving Growth, Nutrition and Yield of Chilly (Capsicum annuum L.). Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 813-818.	0.4	16
2501	Mass spectrometryâ€derived systems biology technologies delineate the system's biochemical applications of siderophores. Mass Spectrometry Reviews, 2018, 37, 188-201.	2.8	7
2502	Indole-3-Acetic Acid and 1-Aminocyclopropane-1-Carboxylate Deaminase-Producing Bacteria Alleviate Sodium Stress and Promote Wheat Growth. Iranian Journal of Science and Technology, Transaction A: Science, 2018, 42, 1037-1048.	0.7	4
2503	The seed endosphere of Anadenanthera colubrina is inhabited by a complex microbiota, including Methylobacteriumspp. and Staphylococcus spp. with potential plant-growth promoting activities. Plant and Soil, 2018, 422, 81-99.	1.8	44
2504	Effects of Trichoderma asperellum on nutrient uptake and Fusarium wilt of tomato. Crop Protection, 2018, 110, 275-282.	1.0	73
2505	Legume Nodule Symbionts. Soil Science Society of America Book Series, 2018, , 199-222.	0.3	6

#	Article	IF	Citations
2506	Isolation of Microorganisms Producing Antibiotics. Soil Science Society of America Book Series, 2018, , 379-405.	0.3	1
2507	Isolation and Characterization of Rumex acetosa-Associated Mineral-Weathering Bacteria. Geomicrobiology Journal, 2018, 35, 148-155.	1.0	4
2508	Enhanced atrazine removal by hydrophyteâ€“bacterium associations and in vitro screening of the isolates for their plant growth-promoting potential. International Journal of Phytoremediation, 2018, 20, 89-97.	1.7	15
2509	Properties of Probiotics Kocuria SM1 and Rhodococcus SM2 Isolated from Fish Guts. Probiotics and Antimicrobial Proteins, 2018, 10, 534-542.	1.9	34
2510	Isolation of vanadium-resistance endophytic bacterium PRE01 from Pteris vittata in stone coal smelting district and characterization for potential use in phytoremediation. Journal of Hazardous Materials, 2018, 341, 1-9.	6.5	72
2511	Effects of green light on the gene expression and virulence of the plant pathogen Pseudomonas cichorii JBC1. European Journal of Plant Pathology, 2018, 150, 223-236.	0.8	15
2512	Antagonistic endophytic bacteria associated with nodules of soybean (Glycine max L.) and plant growth-promoting properties. Brazilian Journal of Microbiology, 2018, 49, 269-278.	0.8	115
2513	Phosphate solubilization and chromium (VI) remediation potential of Klebsiella sp. strain CPSB4 isolated from the chromium contaminated agricultural soil. Chemosphere, 2018, 192, 318-327.	4.2	40
2514	Geochemical fractions and phytoavailability of Zinc in a contaminated calcareous soil affected by biotic and abiotic amendments. Environmental Geochemistry and Health, 2018, 40, 1221-1235.	1.8	34
2515	Integrated Nutrient Management for Improved Cauliflower Yield and Soil Health. International Journal of Vegetable Science, 2018, 24, 29-42.	0.6	5
2516	Nosocomial, Multidrug-ResistantKlebsiella pneumoniaeStrains Isolated from Mexico City Produce Robust Biofilms on Abiotic Surfaces but Not on Human Lung Cells. Microbial Drug Resistance, 2018, 24, 422-433.	0.9	17
2517	Petroleum degradation by endophytic Streptomyces spp. isolated from plants grown in contaminated soil of southern Algeria. Ecotoxicology and Environmental Safety, 2018, 147, 602-609.	2.9	83
2518	Effect of conjoint application of indigenous PGPR and chemical fertilizers on productivity of maize (Zea mays L.) under mid hills of Himachal Pradesh. Journal of Plant Nutrition, 2018, 41, 297-303.	0.9	15
2519	Polyamine is a critical determinant of Pseudomonas chlororaphis O6 for GacSâ€dependent bacterial cell growth and biocontrol capacity. Molecular Plant Pathology, 2018, 19, 1257-1266.	2.0	27
2520	Effective rhizoinoculation and biofilm formation by arsenic immobilizing halophilic plant growth promoting bacteria (PGPB) isolated from mangrove rhizosphere: A step towards arsenic rhizoremediation. Science of the Total Environment, 2018, 610-611, 1239-1250.	3.9	161
2521	Root-induced changes of Zn and Pb dynamics in the rhizosphere of sunflower with different plant growth promoting treatments in a heavily contaminated soil. Ecotoxicology and Environmental Safety, 2018, 147, 206-216.	2.9	69
2522	Biocontrol of Fusarium wilt of Capsicum annuum by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential. European Journal of Plant Pathology, 2018, 150, 831-846.	0.8	24
2523	Screening of tropically derived, multi-trait plant growth- promoting rhizobacteria and evaluation of corn and soybean colonization ability. Microbiological Research, 2018, 206, 33-42.	2.5	92

#	Article	IF	Citations
2524	Physiological evidence that Piscirickettsia salmonis produces siderophores and uses iron from different sources. Journal of Fish Diseases, 2018, 41, 553-558.	0.9	28
2525	Influence of fertilizers and rice cultivation methods on the abundance and diversity of phyllosphere microbiome. Journal of Basic Microbiology, 2018, 58, 172-186.	1.8	37
2526	Characterization of phosphate solubilizing fluorescent pseudomonads from the rhizosphere ofAloe vera(L.). Archives of Agronomy and Soil Science, 2018, 64, 1032-1040.	1.3	9
2527	Bacterial cyclic Î²â€(1,2)â€glucans sequester iron to protect against ironâ€induced toxicity. EMBO Reports, 2018, 19, 172-186.	2.0	33
2528	Ecological selection of siderophoreâ€producing microbial taxa in response to heavy metal contamination. Ecology Letters, 2018, 21, 117-127.	3.0	97
2529	Imperative roles of halotolerant plant growth-promoting rhizobacteria and kinetin in improving salt tolerance and growth of black gram (Phaseolus mungo). Environmental Science and Pollution Research, 2018, 25, 4491-4505.	2.7	50
2530	Characterization of endophytic bacteria with plant growth promotion and biological control potential isolated from walnut trees. Forest Pathology, 2018, 48, e12403.	0.5	5
2531	Isolation and Characterization of Indigenous Plant Growth-Promoting Rhizobacteria and Their Effects on Growth at the Early Stage of Thai Jasmine Rice (Oryza sativa L. KDML105). Arabian Journal for Science and Engineering, 2018, 43, 3359-3369.	1.7	13
2532	Synergistic effect of root-associated bacteria on plant growth and certain physiological parameters of banana plant (Musa acuminata). Archives of Agronomy and Soil Science, 2018, 64, 1021-1031.	1.3	17
2533	Plant growth promoting and inducible antifungal activities of irrigation well water-bacteria. Biological Control, 2018, 117, 78-86.	1.4	19
2535	An endophytic Bacillus strain promotes growth of oil palm seedling by fine root biofilm formation. Rhizosphere, 2018, 5, 1-7.	1.4	15
2536	Anti-fungal activity of bacterial endophytes associated with legumes against Fusarium solani: Assessment of fungi soil suppressiveness and plant protection induction. Applied Soil Ecology, 2018, 124, 131-140.	2.1	44
2537	Diversity of cultivable bacterial endophytes in Paullinia cupana and their potential for plant growth promotion and phytopathogen control. Microbiological Research, 2018, 207, 8-18.	2.5	70
2538	Extracts from Marine Macroalgae and Opuntia ficus-indica Cladodes Enhance Halotolerance and Enzymatic Potential of Diazotrophic Rhizobacteria and Their Impact on Wheat Germination Under Salt Stress. Pedosphere, 2018, 28, 241-254.	2.1	10
2539	Population Structure and Biodiversity of Pectobacterium parmentieri Isolated from Potato Fields in Temperate Climate. Plant Disease, 2018, 102, 154-164.	0.7	37
2540	Mining, Isolation and Identification of Siderophore Synthesis Gene from Brevibacillus brevis GZDF3. American Journal of Biochemistry and Biotechnology, 2018, 14, 200-209.	0.1	4
2541	Characterization of diazotrophic growth-promoting rhizobacteria isolated from ginger root soil as antagonists against Ralstonia solanacearum. Biotechnology and Biotechnological Equipment, 2018, 32, 1447-1454.	0.5	19
2542	Corn sap bacterial endophytes and their potential in plant growth-promotion. Environmental Sustainability, 2018, 1, 341-355.	1.4	11

#	Article	IF	Citations
2543	CHARACTERIZATION OF VARIOUS VIRULENCE PROPERTIES OF DRUG-RESISTANT KLEBSIELLA ISOLATES: AN IN VITRO STUDY AMONG â€œSUPERBUGSâ€• Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 138.	0.3	3
2545	Exploring the Potentiality of Novel Rhizospheric Bacterial Strains against the Rice Blast Fungus Magnaporthe oryzae. Plant Pathology Journal, 2018, 34, 126-138.	0.7	14
2546	Inoculation with Efficient Nitrogen Fixing and Indoleacetic Acid Producing Bacterial Microsymbiont Enhance Tolerance of the Model LegumeMedicago truncatulato Iron Deficiency. BioMed Research International, 2018, 2018, 1-14.	0.9	7
2547	Iron biofortification in mungbean using siderophore producing plant growth promoting bacteria. Environmental Sustainability, 2018, 1, 357-365.	1.4	56
2548	Characterization of rhizobacterial isolates from Brassica juncea for multitrait plant growth promotion and their viability studies on carriers. Environmental Sustainability, 2018, 1, 253-265.	1.4	21
2549	DIVERSIDAD DE BACTERIAS ENDÃ“FITAS CULTIVABLES ASOCIADAS A PLANTAS DE ARÃNDANO (Vaccinium) Tj ETQq1 1 0.784314 rgB of Agricultural and Animal Sciences, 2018, , 0-0.	0.1	4
2550	Rhizobacteria isolated under field first strategy improved chickpea growth and productivity. Environmental Sustainability, 2018, 1, 461-469.	1.4	25
2551	Enhanced yield of diverse varieties ofÂchickpea (Cicer arietinum L.) byÂdifferent isolates of Mesorhizobium ciceri. Environmental Sustainability, 2018, 1, 425-435.	1.4	13
2552	Biosorption and Bioaccumulation Abilities of Actinomycetes/Streptomycetes Isolated from Metal Contaminated Sites. Separations, 2018, 5, 54.	1.1	91
2553	Screening of plant growth promotion ability among bacteria isolated from field-grown sorghum under different managements in Brazilian drylands. World Journal of Microbiology and Biotechnology, 2018, 34, 186.	1.7	21
2554	Phenotypic characteristics of rhizobial and non-rhizobial isolates recovered from root nodules of chickpea (Cicer arietinum L.) grown in Ethiopia. African Journal of Microbiology Research, 2018, 12, 73-85.	0.4	7
2555	Cloning of the Bisucaberin B Biosynthetic Gene Cluster from the Marine Bacterium Tenacibaculum mesophilum, and Heterologous Production of Bisucaberin B. Marine Drugs, 2018, 16, 342.	2.2	6
2556	Antimicrobial Activity of Gallium Compounds on ESKAPE Pathogens. Frontiers in Cellular and Infection Microbiology, 2018, 8, 316.	1.8	96
2557	Characterization of a Cd2+-resistant plant growth promoting rhizobacterium (Enterobacter sp.) and its effects on rice seedling growth promotion under Cd2+-stress inÂvitro. Agriculture and Natural Resources, 2018, 52, 215-221.	0.4	19
2558	Lysobacter panacihumi sp. nov., isolated from ginseng cultivated soil. Journal of Microbiology, 2018, 56, 748-752.	1.3	7
2559	Genetic Analysis and In Vitro Enzymatic Determination of Bacterial Community in Compost Teas from Different Sources. Compost Science and Utilization, 2018, 26, 256-270.	1.2	9
2560	Biotechnological potential of plant growth-promoting bacteria from the roots and rhizospheres of endemic plants in ironstone vegetation in southeastern Brazil. World Journal of Microbiology and Biotechnology, 2018, 34, 156.	1.7	15
2561	Biocontrol Rhizobacterium Pseudomonas sp. 23S Induces Systemic Resistance in Tomato (Solanum) Tj ETQq1 1 0.784314 rgBT /Over Microbiology, 2018, 9, 2119.	1.5	59

#	Article	IF	Citations
2562	Uropathogenic enterobacteria use the yersiniabactin metallophore system to acquire nickel. Journal of Biological Chemistry, 2018, 293, 14953-14961.	1.6	46
2563	OmpR-Mediated Transcriptional Regulation and Function of Two Heme Receptor Proteins of Yersinia enterocolitica Bio-Serotype 2/O:9. Frontiers in Cellular and Infection Microbiology, 2018, 8, 333.	1.8	13
2564	Identification of Soil Bacterial Isolates Suppressing Different Phytophthora spp. and Promoting Plant Growth. Frontiers in Plant Science, 2018, 9, 1502.	1.7	66
2565	Ecosystem Ecology and Geochemistry of Cuatro Cienegas. Cuatro Ciènegas Basin: an Endangered Hyperdiverse Oasis, 2018, , .	0.4	0
2566	Plant growth promoting potential of Aspergillus sp. NPF7, isolated from wheat rhizosphere in South Gujarat, India. Environmental Sustainability, 2018, 1, 245-252.	1.4	28
2567	Molecular Genetic and Functional Analysis of pks-Harboring, Extra-Intestinal Pathogenic Escherichia coli From India. Frontiers in Microbiology, 2018, 9, 2631.	1.5	19
2568	A multispecies consortium of bacteria having plant growth promotion and antifungal activities, for the management of Fusarium wilt complex disease in potato (Solanum tuberosum L.). Biocatalysis and Agricultural Biotechnology, 2018, 16, 614-624.	1.5	18
2569	Bacterial Siderophore-Mediated Iron Acquisition in Cuatro Cienegas Basin: A Complex Community Interplay Made Simpler in the Light of Evolutionary Genomics. Cuatro Ciènegas Basin: an Endangered Hyperdiverse Oasis, 2018, , 123-140.	0.4	0
2570	Streptomyces Dominate the Soil Under Betula Trees That Have Naturally Colonized a Red Gypsum Landfill. Frontiers in Microbiology, 2018, 9, 1772.	1.5	16
2571	Reduction in arsenic toxicity and uptake in rice (Oryza sativa L.) by As-resistant purple nonsulfur bacteria. Environmental Science and Pollution Research, 2018, 25, 36530-36544.	2.7	42
2572	Improved growth and nutrient acquisition of wheat genotypes in phosphorus deficient soils by plant growth-promoting rhizospheric and endophytic bacteria. Soil Science and Plant Nutrition, 2018, 64, 719-727.	0.8	29
2573	Actinobacteria associated with Glycyrrhiza inflata Bat. are diverse and have plant growth promoting and antimicrobial activity. Scientific Reports, 2018, 8, 13661.	1.6	17
2574	Reduced expression of iron transport and homeostasis genes in Pseudomonas fluorescens during iron uptake from nanoscale iron. NanoImpact, 2018, 12, 42-50.	2.4	5
2575	Isolation and Identification of Endophytic Bacteria with Plant Growth Promoting Activity and Biocontrol Potential from Wild Pistachio Trees. Plant Pathology Journal, 2018, 34, 208-217.	0.7	103
2576	Composting of rice-residues using lignocellulolytic plant-probiotic Stenotrophomonas maltophilia, and its evaluation for growth enhancement of Oryza sativa L.. Environmental Sustainability, 2018, 1, 185-196.	1.4	12
2577	The Sycamore Maple Bacterial Culture Collection From a TNT Polluted Site Shows Novel Plant-Growth Promoting and Explosives Degrading Bacteria. Frontiers in Plant Science, 2018, 9, 1134.	1.7	13
2578	Assessment of plant growth promoting activities of five rhizospheric Pseudomonas strains. Biocatalysis and Agricultural Biotechnology, 2018, 16, 285-292.	1.5	16
2579	Identification and comprehensive evaluation of a novel biocontrol agent Bacillus atrophaeus JZB120050. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2018, 53, 777-785.	0.7	9

#	Article	IF	Citations
2580	Inoculation of Sinorhizobium saheli YH1 Leads to Reduced Metal Uptake for Leucaena leucocephala Grown in Mine Tailings and Metal-Polluted Soils. Frontiers in Microbiology, 2018, 9, 1853.	1.5	14
2581	Quantitative RNA-seq Analysis Unveils Osmotic and Thermal Adaptation Mechanisms Relevant for Ectoine Production in Chromohalobacter salexigens. Frontiers in Microbiology, 2018, 9, 1845.	1.5	21
2582	Rhizobium strains in the biological control of the phytopathogenic fungi Sclerotium (Athelia) rolfsii on the common bean. Plant and Soil, 2018, 432, 229-243.	1.8	24
2583	Isolation and characterization of antagonistic bacteria with the potential for biocontrol of soil-borne wheat diseases. Journal of Applied Microbiology, 2018, 125, 1868-1880.	1.4	34
2584	Characterization of siderophore producing arsenic-resistant Staphylococcus sp. strain TA6 isolated from contaminated groundwater of Jorhat, Assam and its possible role in arsenic geocycle. BMC Microbiology, 2018, 18, 104.	1.3	20
2585	Isolation, Diversity, and Growth-Promoting Activities of Endophytic Bacteria From Tea Cultivars of Zijuan and Yunkang-10. Frontiers in Microbiology, 2018, 9, 1848.	1.5	63
2586	Endophytic Bacillus strains enhance pearl millet growth and nutrient uptake under low-P. Brazilian Journal of Microbiology, 2018, 49, 40-46.	0.8	70
2587	Halotolerant bacteria belonging to operational group Bacillus amyloliquefaciens in biocontrol of the rice brown stripe pathogen Acidovorax oryzae. Journal of Applied Microbiology, 2018, 125, 1852-1867.	1.4	26
2588	Diversity, plant growth promoting and downy mildew disease suppression potential of cultivable endophytic fungal communities associated with pearl millet. Biological Control, 2018, 127, 127-138.	1.4	19
2589	Synergistic effect of co-culture of microalga and actinomycete in diluted chicken manure digestate for lipid production. Algal Research, 2018, 33, 239-247.	2.4	24
2590	Drought-Tolerant Pseudomonas spp. Improve the Growth Performance of Finger Millet (Eleusine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 227-240.	2.1	105
2591	Genetic diversity of plant growth promoting rhizobacteria and their effects on the growth of maize plants under greenhouse conditions. Annals of Agricultural Sciences, 2018, 63, 25-35.	1.1	49
2592	Influence of diazotrophic bacteria on nodulation, nitrogen fixation, growth promotion and yield traits in five cultivars of chickpea. Biocatalysis and Agricultural Biotechnology, 2018, 15, 35-42.	1.5	20
2593	Potential of native cold tolerant plant growth promoting bacilli to enhance nutrient use efficiency and yield of Amaranthus hypochondriacus. Plant and Soil, 2018, 428, 307-320.	1.8	17
2594	Variability in the production of organic ligands, by Synechococcus PCC 7002, under different iron scenarios. Journal of Oceanography, 2018, 74, 277-286.	0.7	2
2595	Distinct mineral weathering effectiveness and metabolic activity between mineral-weathering bacteria Burkholderia metallica F22 and Burkholderia phytofirmans G34. Chemical Geology, 2018, 489, 38-45.	1.4	9
2596	Role of peptaibols and lytic enzymes of Trichoderma cerinum Gur1 in biocontrol of Fusraium oxysporum and chickpea wilt. Environmental Sustainability, 2018, 1, 39-47.	1.4	11
2597	Effect of plant growth-promoting bacteria Bacillus amylliquefaciens Y1 on soil properties, pepper seedling growth, rhizosphere bacterial flora and soil enzymes. Plant Protection Science, 2018, 54, 129-137.	0.7	28

#	Article	IF	Citations
2598	Identification of rhizobacteria that increase yield and plant tolerance to angular leaf spot disease in cucumber. Plant Protection Science, 2018, 54, 67-73.	0.7	10
2599	Physiological and Molecular Characterization of Biosurfactant Producing Endophytic FungiXylaria regalisfrom the Cones ofThuja plicataas a Potent Plant Growth Promoter with Its Potential Application. BioMed Research International, 2018, 2018, 1-11.	0.9	52
2600	Optimization of IAA production by endophytic Bacillus spp. from Vigna radiata for their potential use as plant growth promoters. Israel Journal of Plant Sciences, 2018, 65, 83-96.	0.3	62
2601	Screening of plant growth promoting traits in heavy metals resistant bacteria: Prospects in phytoremediation. Journal of Genetic Engineering and Biotechnology, 2018, 16, 613-619.	1.5	114
2602	Quorum sensing and iron regulate a two-for-one siderophore gene cluster in Vibrio harveyi. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7581-7586.	3.3	56
2603	A uniform cloning platform for mycobacterial genetics and protein production. Scientific Reports, 2018, 8, 9539.	1.6	17
2604	Rhizosphere mediated nutrient management inAllium hookeriThwaites by using phosphate solubilizing rhizobacteria and tricalcium phosphate amended soil. Journal of Plant Interactions, 2018, 13, 256-269.	1.0	8
2605	Diversity of cultivable fungal endophytes in Paullinia cupana (Mart.) Ducke and bioactivity of their secondary metabolites. PLoS ONE, 2018, 13, e0195874.	1.1	32
2606	Isolation and identification of siderophores produced by cyanobacteria. Folia Microbiologica, 2018, 63, 569-579.	1.1	18
2607	Inoculation of siderophore producing rhizobacteria and their consortium for growth enhancement of wheat plant. Biocatalysis and Agricultural Biotechnology, 2018, 15, 264-269.	1.5	87
2608	Growth Promoting Rhizospheric and Endophytic Bacteria from Curcuma longa L. as Biocontrol Agents against Rhizome Rot and Leaf Blight Diseases. Plant Pathology Journal, 2018, 34, 218-235.	0.7	57
2609	Herbaspirillum seropedicae Differentially Expressed Genes in Response to Iron Availability. Frontiers in Microbiology, 2018, 9, 1430.	1.5	10
2610	Oxygen Availability Influences Expression of Dickeya solani Genes Associated With Virulence in Potato (Solanum tuberosum L.) and Chicory (Cichorium intybus L.). Frontiers in Plant Science, 2018, 9, 374.	1.7	30
2611	Antarctic Pseudomonas spp. promote wheat germination and growth at low temperatures. Polar Biology, 2018, 41, 2343-2354.	0.5	60
2612	The Sesamum indicum Rhizosphere Associated Bacterium: A Source of Antifungal Compound. Current Topics in Medicinal Chemistry, 2018, 18, 88-97.	1.0	2
2613	A Growth-Promoting Bacteria, Paenibacillus yonginensis DCY84T Enhanced Salt Stress Tolerance by Activating Defense-Related Systems in Panax ginseng. Frontiers in Plant Science, 2018, 9, 813.	1.7	63
2614	Use of statistical experimental methods for optimization of collagenolytic protease production by Bacillus cereus strain SUK grown on fish scales. Environmental Science and Pollution Research, 2018, 25, 28226-28236.	2.7	11
2615	Distinct Siderophores Contribute to Iron Cycling in the Mesopelagic at Station ALOHA. Frontiers in Marine Science, 2018, 5, .	1.2	67

#	Article	IF	Citations
2616	Aspergillus terreus Inhibits Growth and Induces Morphological Abnormalities in Pythium aphanidermatum and Suppresses Pythium-Induced Damping-Off of Cucumber. Frontiers in Microbiology, 2018, 9, 95.	1.5	48
2617	Pseudomonas orientalis F9: A Potent Antagonist against Phytopathogens with Phytotoxic Effect in the Apple Flower. Frontiers in Microbiology, 2018, 9, 145.	1.5	34
2618	Characterization of Asymptomatic Bacteriuria Escherichia coli Isolates in Search of Alternative Strains for Efficient Bacterial Interference against Uropathogens. Frontiers in Microbiology, 2018, 9, 214.	1.5	24
2619	Enhanced Fluorescent Siderophore Biosynthesis and Loss of Phenazine-1-Carboxamide in Phenotypic Variant of Pseudomonas chlororaphis HT66. Frontiers in Microbiology, 2018, 9, 759.	1.5	19
2620	Predator-by-Environment Interactions Mediate Bacterial Competition in the Dictyostelium discoideum Microbiome. Frontiers in Microbiology, 2018, 9, 781.	1.5	2
2621	Biological Control of Mango Dieback Disease Caused by Lasiodiplodia theobromae Using Streptomycete and Non-streptomycete Actinobacteria in the United Arab Emirates. Frontiers in Microbiology, 2018, 9, 829.	1.5	61
2622	Klebsiella pneumoniae SnebYK Mediates Resistance Against Heterodera glycines and Promotes Soybean Growth. Frontiers in Microbiology, 2018, 9, 1134.	1.5	36
2623	Actinobacteria Associated With Arbuscular Mycorrhizal Funneliformis mosseae Spores, Taxonomic Characterization and Their Beneficial Traits to Plants: Evidence Obtained From Mung Bean (Vigna) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	43
2624	Bacillus methylotrophicus CSY-F1 alleviates drought stress in cucumber (Cucumis sativus) grown in soil with high ferulic acid levels. Plant and Soil, 2018, 431, 89-105.	1.8	15
2625	Xanthomonas oryzae pv. oryzae chemotaxis components and chemoreceptor Mcp2 are involved in the sensing of constituents of xylem sap and contribute to the regulation of virulenceâ€associated functions and entry into rice. Molecular Plant Pathology, 2018, 19, 2397-2415.	2.0	41
2626	Effectiveness of multi-trait Burkholderia contaminans KNU17BI1 in growth promotion and management of banded leaf and sheath blight in maize seedling. Microbiological Research, 2018, 214, 8-18.	2.5	35
2627	Klebsiella pneumoniae (HR1) assisted alleviation of Cd(II) toxicity in Vigna mungo: a case study of biosorption of heavy metal by an endophytic bacterium coupled with plant growth promotion. Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	0.6	31
2628	(Bio)leaching Behavior of Chromite Tailings. Minerals (Basel, Switzerland), 2018, 8, 261.	0.8	17
2629	Mining alfalfa (Medicago sativa L.) nodules for salinity tolerant non-rhizobial bacteria to improve growth of alfalfa under salinity stress. Ecotoxicology and Environmental Safety, 2018, 162, 129-138.	2.9	66
2630	Analysis of the genome sequence of plant beneficial strain Pseudomonas sp. RU47. Journal of Biotechnology, 2018, 281, 183-192.	1.9	15
2631	Biochemical characterization and efficacy of Pleurotus, Lentinus and Ganoderma parent and hybrid mushroom strains as biofertilizers of attapulgite for wheat and tomato growth. Biocatalysis and Agricultural Biotechnology, 2018, 16, 63-72.	1.5	4
2632	Indigenous plant-growth-promoting rhizobacteria and chemical fertilisers: impact on wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Science, 2018, 69, 460.	0.7	17
2633	Enhancement of toxic Cr (VI), Fe, and other heavy metals phytoremediation by the synergistic combination of native Bacillus cereus strain and Vetiveria zizanioides L. International Journal of Phytoremediation, 2018, 20, 682-691.	1.7	92

#	Article	IF	Citations
2634	Genetic diversity and characterization of arsenic-resistant endophytic bacteria isolated from Pteris vittata, an arsenic hyperaccumulator. BMC Microbiology, 2018, 18, 42.	1.3	33
2635	Effect of Pbâ€resistant plant growthâ€promoting rhizobacteria inoculation on growth and lead uptake by Lathyrus sativus. Journal of Basic Microbiology, 2018, 58, 579-589.	1.8	39
2636	Characteristics of the iron uptake-related process of a pathogenic Vibrio splendidus strain associated with massive mortalities of the sea cucumber Apostichopus japonicus. Journal of Invertebrate Pathology, 2018, 155, 25-31.	1.5	17
2637	The Siderophore Piscibactin Is a Relevant Virulence Factor for Vibrio anguillarum Favored at Low Temperatures. Frontiers in Microbiology, 2018, 9, 1766.	1.5	40
2638	Soil Microorganisms. , 2018, , 457-482.		2
2639	Putative Iron Acquisition Systems in Stenotrophomonas maltophilia. Molecules, 2018, 23, 2048.	1.7	17
2640	Complex Iron Uptake by the Putrebactin-Mediated and Feo Systems in Shewanella oneidensis. Applied and Environmental Microbiology, 2018, 84, .	1.4	17
2641	Cadmium Tolerance of Perennial Ryegrass Induced by Aspergillus aculeatus. Frontiers in Microbiology, 2018, 9, 1579.	1.5	15
2642	Brazilian Ironstone Plant Communities as Reservoirs of Culturable Bacteria With Diverse Biotechnological Potential. Frontiers in Microbiology, 2018, 9, 1638.	1.5	9
2643	Microbial Siderophore Enterobactin Promotes Mitochondrial Iron Uptake and Development of the Host via Interaction with ATP Synthase. Cell, 2018, 175, 571-582.e11.	13.5	124
2644	The Endophytic Strain Klebsiella michiganensis Kd70 Lacks Pathogenic Island-Like Regions in Its Genome and Is Incapable of Infecting the Urinary Tract in Mice. Frontiers in Microbiology, 2018, 9, 1548.	1.5	12
2645	Pseudomonas knackmussiiMLR6, a rhizospheric strain isolated from halophyte, enhances salt tolerance inArabidopsis thaliana. Journal of Applied Microbiology, 2018, 125, 1836-1851.	1.4	26
2646	Rhizoremediation prospects of Polyaromatic hydrocarbon degrading rhizobacteria, that facilitate glutathione and glutathione-S-transferase mediated stress response, and enhance growth of rice plants in pyrene contaminated soil. Ecotoxicology and Environmental Safety, 2018, 164, 579-588.	2.9	37
2647	Plant growth promotion and alleviation of salinity stress in Capsicum annuum L. by Bacillus isolated from saline soil in Xinjiang. Ecotoxicology and Environmental Safety, 2018, 164, 520-529.	2.9	90
2648	Bio-effective disease control and plant growth promotion in lentil by two pesticide degrading strains of Bacillus sp.. Biological Control, 2018, 127, 55-63.	1.4	32
2649	Salt-tolerant and plant-growth-promoting bacteria isolated from high-yield paddy soil. Canadian Journal of Microbiology, 2018, 64, 968-978.	0.8	69
2650	Streptomycessp. as plant growth-promoters and host-plant resistance inducers againstBotrytis cinereain chickpea. Biocontrol Science and Technology, 2018, 28, 1140-1163.	0.5	19
2651	Mycobacterial siderophore: A review on chemistry and biology of siderophore and its potential as a target for tuberculosis. European Journal of Medicinal Chemistry, 2018, 157, 783-790.	2.6	21

#	Article	IF	Citations
2652	Larvicidal potential of Skermanella sp. against rice leaf folder (Cnaphalocrosis medinalis Guenee) and pink stem borer (Sesamia inferens Walker). Journal of Invertebrate Pathology, 2018, 157, 74-79.	1.5	9
2653	Seed Endophyte Microbiome of Crotalaria pumila Unpeeled: Identification of Plant-Beneficial Methylobacteria. International Journal of Molecular Sciences, 2018, 19, 291.	1.8	49
2654	Chemical characterization and ligand behaviour of Pseudomonas veronii 2E siderophores. World Journal of Microbiology and Biotechnology, 2018, 34, 134.	1.7	9
2655	Effects of co-inoculation of two different plant growth-promoting bacteria on duckweed. Plant Growth Regulation, 2018, 86, 287-296.	1.8	38
2656	Fluorinated Analogues of Desferrioxamine B from Precursor-Directed Biosynthesis Provide New Insight into the Capacity of DesBCD. ACS Chemical Biology, 2018, 13, 2456-2471.	1.6	11
2657	Analysis of desferrioxamine-like siderophores and their capability to selectively bind metals and metalloids: development of a robust analytical RP-HPLC method. Research in Microbiology, 2018, 169, 598-607.	1.0	18
2658	Endophytic bacterium Buttiauxella sp. SaSR13 improves plant growth and cadmium accumulation of hyperaccumulator Sedum alfredii. Environmental Science and Pollution Research, 2018, 25, 21844-21854.	2.7	31
2659	Halotolerant plant-growth promoting rhizobacteria modulate gene expression and osmolyte production to improve salinity tolerance and growth in Capsicum annum L.. Environmental Science and Pollution Research, 2018, 25, 23236-23250.	2.7	92
2660	Suppression of Alternaria blight disease and plant growth promotion of mustard (Brassica juncea L.) by antagonistic rhizosphere bacteria. Applied Soil Ecology, 2018, 129, 145-150.	2.1	28
2661	Modified chrome azurol S method for detection and estimation of siderophores having affinity for metal ions other than iron. Environmental Sustainability, 2018, 1, 81-87.	1.4	69
2662	Growth stage and tissue specific colonization of endophytic bacteria having plant growth promoting traits in hybrid and composite maize (Zea mays L.). Microbiological Research, 2018, 214, 101-113.	2.5	68
2663	Mitigation of abiotic stresses in Lycopersicon esculentum by endophytic bacteria. Environmental Sustainability, 2018, 1, 71-80.	1.4	18
2664	Differences in rice rhizosphere bacterial community structure by application of lignocellulolytic plant-probiotic bacteria with rapid composting traits. Ecological Engineering, 2018, 120, 209-221.	1.6	12
2665	Paraburkholderia panacihumi sp. nov., an isolate from ginseng-cultivated soil, is antagonistic against root rot fungal pathogen. Archives of Microbiology, 2018, 200, 1151-1158.	1.0	20
2666	Deciphering the tri-dimensional effect of endophytic Streptomyces sp. on chickpea for plant growth promotion, helper effect with Mesorhizobium ciceri and host-plant resistance induction against Botrytis cinerea. Microbial Pathogenesis, 2018, 122, 98-107.	1.3	35
2667	Actinobacteria from Rhizosphere. , 2018, , 13-41.		86
2668	Discovery and development of novel salicylate synthase (MbtI) furanic inhibitors as antitubercular agents. European Journal of Medicinal Chemistry, 2018, 155, 754-763.	2.6	55
2669	Biocontrol Efficacy of Siderophore Producing Indigenous Pseudomonas Strains Against Fusarium Wilt in Tomato. The National Academy of Sciences, India, 2018, 41, 133-136.	0.8	21

#	Article	IF	Citations
2670	Colonization ability as an indicator of enhanced biocontrol capacityâ€"An example using two Bacillus amyloliquefaciens strains and Botrytis cinerea infection of tomatoes. Journal of Phytopathology, 2018, 166, 601-612.	0.5	32
2671	Phylogenetic diversity and investigation of plant growth-promoting traits of actinobacteria in coastal salt marsh plant rhizospheres from Jiangsu, China. Systematic and Applied Microbiology, 2018, 41, 516-527.	1.2	48
2672	Halo-tolerant rhizospheric Arthrobacter woluwensis AK1 mitigates salt stress and induces physio-hormonal changes and expression of GmST1 and GmLAX3 in soybean. Symbiosis, 2019, 77, 9-21.	1.2	47
2673	Identification of Rhizosphere Bacterial Diversity with Promising Salt Tolerance, PGP Traits and Their Exploitation for Seed Germination Enhancement in Sodic Soil. Agricultural Research, 2019, 8, 36-43.	0.9	29
2674	Mass spectrometry and associated technologies delineate the advantageously biomedical capacity of siderophores in different pathogenic contexts. Mass Spectrometry Reviews, 2019, 38, 239-252.	2.8	9
2675	Plant Growth-Promoting Potential of Endophytic Bacteria Isolated from Costus speciosus in Tropical Deciduous Forest of Eastern Himalaya. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 841-852.	0.4	9
2676	Enhancement of alfalfa yield and quality by plant growthâ€promoting rhizobacteria under salineâ€alkali conditions. Journal of the Science of Food and Agriculture, 2019, 99, 281-289.	1.7	58
2677	Co-cultivation of siderophore-producing bacteria Idiomarina loihiensis RS14 with Chlorella variabilis ATCC 12198, evaluation of micro-algal growth, lipid, and protein content under iron starvation. Journal of Applied Phycology, 2019, 31, 29-39.	1.5	36
2678	Isolation and characterization of halotolerant bacilli from chickpea (Cicer arietinum L.) rhizosphere for plant growth promotion and biocontrol traits. European Journal of Plant Pathology, 2019, 153, 787-800.	0.8	35
2679	Inoculation of Pseudomonas sp. GHD-4 and mushroom residue carrier increased the soil enzyme activities and microbial community diversity in Pb-contaminated soils. Journal of Soils and Sediments, 2019, 19, 1064-1076.	1.5	24
2680	Plant growth promoting Curtobacterium albidum strain SRV4: An agriculturally important microbe to alleviate salinity stress in paddy plants. Ecological Indicators, 2019, 105, 553-562.	2.6	118
2681	Genome sequence of Epibacterium ulvae strain DSM 24752T, an indigoidine-producing, macroalga-associated member of the marine Roseobacter group. Environmental Microbiomes, 2019, 14, 4.	2.2	6
2682	Antifungal activity of volatile compounds produced by Staphylococcus sciuri strain MarR44 and its potential for the biocontrol of Colletotrichum nymphaeae, causal agent strawberry anthracnose. International Journal of Food Microbiology, 2019, 307, 108276.	2.1	53
2683	PGPB Colonizing Three-Year Biochar-Amended Soil: Towards Biochar-Mediated Biofertilization. Journal of Soil Science and Plant Nutrition, 2019, 19, 841-850.	1.7	41
2684	Efficacy of an artificial microbial siderophore-Fe(III) with high redox potential on correcting Fe chlorosis in rice. Soil Science and Plant Nutrition, 2019, 65, 471-478.	0.8	1
2685	Screening of endophytic bacteria isolated from domesticated and wild growing grapevines as potential biological control agents against crown gall disease. BioControl, 2019, 64, 723-735.	0.9	15
2686	Durum Wheat Stress Tolerance Induced by Endophyte Pantoea agglomerans with Genes Contributing to Plant Functions and Secondary Metabolite Arsenal. International Journal of Molecular Sciences, 2019, 20, 3989.	1.8	64
2687	Postharvest biocontrol of Colletotrichum gloeosporioides on mango using the marine bacterium Stenotrophomonas rhizophila and its possible mechanisms of action. Journal of Food Science and Technology, 2019, 56, 4992-4999.	1.4	25

#	Article	IF	Citations
2688	Growth Promotion of Salicornia bigelovii by Micromonospora chalcea UAE1, an Endophytic 1-Aminocyclopropane-1-Carboxylic Acid Deaminase-Producing Actinobacterial Isolate. Frontiers in Microbiology, 2019, 10, 1694.	1.5	53
2689	Iron reduction by diverse actinobacteria under oxic and pH-neutral conditions and the formation of secondary minerals. Chemical Geology, 2019, 525, 390-399.	1.4	32
2690	Plant-Endophyte Partnerships to Assist Petroleum Hydrocarbon Remediation. , 2019, , 123-156.		0
2691	Rhizospheric bacteria from pristine grassland have beneficial traits for plant growth promotion in maize (Zea mays L.). Cogent Biology, 2019, 5, 1630972.	1.7	7
2692	Competition for alfalfa nodulation under metal stress by the metalâ€tolerant strain Ochrobactrum cytisi Azn6.2. Annals of Applied Biology, 2019, 175, 184-192.	1.3	14
2693	Isolation, identification and plant growth promotion ability of endophytic bacteria associated with lupine root nodule grown in Tunisian soil. Archives of Microbiology, 2019, 201, 1333-1349.	1.0	37
2694	Screening of stress tolerant bacterial strains possessing interesting multi-plant growth promoting traits isolated from root nodules of Phaseolus vulgaris L.. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101225.	1.5	14
2695	Evaluation of Streptomyces spp. and Bacillus spp. for biocontrol of Fusarium wilt in chickpea (Cicer arietinum L.). Archives of Phytopathology and Plant Protection, 2019, 52, 417-442.	0.6	32
2696	Growth-promoting characteristics of potential nitrogen-fixing bacteria in the root of an invasive plant Ageratina adenophora. PeerJ, 2019, 7, e7099.	0.9	20
2697	Phytoremediation of Heavy Metal- Contaminated Tailings Soil by Symbiotic Interaction of Cymbopogon Citratus and Solanum Torvum with Bacillus Cereus T1B3. Soil and Sediment Contamination, 2019, 28, 547-568.	1.1	12
2698	Siderophore production in groundnut rhizosphere isolate, Achromobacter sp. RZS2 influenced by physicochemical factors and metal ions. Environmental Sustainability, 2019, 2, 117-124.	1.4	49
2699	Comparative Study on the Impact of Growth Conditions on the Physiology and the Virulence of Pseudomonas aeruginosa Biofilm and Planktonic Cells. Journal of Food Protection, 2019, 82, 1357-1363.	0.8	4
2700	Siderophore Detection Using Chrome Azurol S and Cross-Feeding Assays. Methods in Molecular Biology, 2019, 2021, 97-108.	0.4	25
2701	Shotgun proteomic analysis of Bordetella parapertussis provides insights into the physiological response to iron starvation and potential new virulence determinants absent in Bordetella pertussis. Journal of Proteomics, 2019, 206, 103448.	1.2	4
2702	Role of plant growthâ€“promoting rhizobacterial consortium in improving the Vigna radiata growth and alleviation of aluminum and drought stresses. Environmental Science and Pollution Research, 2019, 26, 27647-27659.	2.7	61
2703	Isolation of Cadmium and Lead Tolerant Plant Growth Promoting Rhizobacteria:Lysinibacillus variansandPseudomonas putidafrom Indian Agricultural Soil. Soil and Sediment Contamination, 2019, 28, 601-629.	1.1	25
2704	Isolation and Characterization of Halotolerant Plant Growth Promoting Rhizobacteria From Durum Wheat (Triticum turgidum subsp. durum) Cultivated in Saline Areas of the Dead Sea Region. Frontiers in Microbiology, 2019, 10, 1639.	1.5	80
2705	Discovery of Two New Sorbicillinoids by Overexpression of the Global Regulator LaeA in a Marine-Derived Fungus Penicillium dipodomyis YJ-11. Marine Drugs, 2019, 17, 446.	2.2	30

#	Article	IF	Citations
2706	Anthropogenic remediation of heavy metals selects against natural microbial remediation. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190804.	1.2	11
2707	Isolation, characterization and the effect of indigenous heavy metal-resistant plant growth-promoting bacteria on sorghum grown in acid mine drainage polluted soils. Journal of General and Applied Microbiology, 2019, 65, 254-264.	0.4	18
2708	Rhizospheric Microbiomes: Biodiversity, Mechanisms of Plant Growth Promotion, and Biotechnological Applications for Sustainable Agriculture. , 2019, , 19-65.		100
2709	Bioprospecting from plant waste composting: Actinobacteria against phytopathogens producing damping-off. Biotechnology Reports (Amsterdam, Netherlands), 2019, 23, e00354.	2.1	10
2710	Comparison of five bacterial strains producing siderophores with ability to chelate iron under alkaline conditions. AMB Express, 2019, 9, 78.	1.4	84
2711	Citryl Ornithine Is an Intermediate in a Three-Step Biosynthetic Pathway for Rhizoferrin in Francisella. ACS Chemical Biology, 2019, 14, 1760-1766.	1.6	7
2712	Prolonged exposure of Stenotrophomonas maltophilia biofilms to trace levels of clofibric acid alters antimicrobial tolerance and virulence. Chemosphere, 2019, 235, 327-335.	4.2	19
2714	Functional diversity of cultivable endophytes from Cicer arietinum and Pisum sativum: Bioprospecting their plant growth potential. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101229.	1.5	28
2715	Bacillus velezensis GF267 as a multi-site antagonist for the control of tomato bacterial spot. Biological Control, 2019, 137, 104013.	1.4	17
2716	Isolation, physiological characters and effectivity of bacterial isolates of root nodules from various plants on the growth of Vigna radiata L. IOP Conference Series: Earth and Environmental Science, 2019, 308, 012042.	0.2	1
2717	Bacterial and Fungal Diversity Inside the Medieval Building Constructed with Sandstone Plates and Lime Mortar as an Example of the Microbial Colonization of a Nutrient-Limited Extreme Environment (Wawel Royal Castle, Krakow, Poland). Microorganisms, 2019, 7, 416.	1.6	15
2718	Antagonistic and plant-growth promoting novel Bacillus species from long-term organic farming soils from Sikkim, India. 3 Biotech, 2019, 9, 416.	1.1	30
2719	Bacterial Metabolites Produced Under Iron Limitation Kill Pinewood Nematode and Attract Caenorhabditis elegans. Frontiers in Microbiology, 2019, 10, 2166.	1.5	19
2720	Root bacterial endophytes as potential biological control agents against fungal rice pathogens. Archives of Phytopathology and Plant Protection, 2019, 52, 560-581.	0.6	11
2721	Re-evaluation of a Tn5::gacA mutant of Pseudomonas syringae pv. tomato DC3000 uncovers roles for uvrC and anmK in promoting virulence. PLoS ONE, 2019, 14, e0223637.	1.1	16
2722	Some characteristics of phosphate solubilizing rhizobacteria as an ecological strategy for sustainable agriculture. Materials Today: Proceedings, 2019, 13, 1224-1228.	0.9	5
2723	Impact of Elemental Sulfur on the Rhizospheric Bacteria of Durum Wheat Crop Cultivated on a Calcareous Soil. Plants, 2019, 8, 379.	1.6	17
2724	Co-existence of Leclercia adecarboxylata (LSE-1) and Bradyrhizobium sp. (LSBR-3) in nodule niche for multifaceted effects and profitability in soybean production. World Journal of Microbiology and Biotechnology, 2019, 35, 172.	1.7	21

#	Article	IF	Citations
2725	Erythrobacter aureus sp. nov., a plant growth-promoting bacterium isolated from sediment in the Yellow Sea, China. 3 Biotech, 2019, 9, 430.	1.1	11
2726	Biochemical and molecular identification of Solanum lycopersicum L. temperature tolerant bacterial endophytes. Biocatalysis and Agricultural Biotechnology, 2019, 22, 101409.	1.5	8
2727	Management of sorghum grain mold through induced resistance mechanism using foliar spray ofPseudomonas fluorescensstrains and non-conventional chemicals: a field study. Archives of Phytopathology and Plant Protection, 2019, 52, 969-988.	0.6	1
2728	Inhibition of Virulence-Related Traits in Pseudomonas syringae pv. actinidiae by Gunpowder Green Tea Extracts. Frontiers in Microbiology, 2019, 10, 2362.	1.5	14
2729	Bacterial Consortium for Improved Maize (Zea mays L.) Production. Microorganisms, 2019, 7, 519.	1.6	47
2730	Towards the Biological Control of Devastating Forest Pathogens from the Genus Armillaria. Forests, 2019, 10, 1013.	0.9	28
2731	The response of Prorocentrum sigmoides and its associated culturable bacteria to metals and organic pollutants. Journal of Basic Microbiology, 2019, 59, 979-991.	1.8	6
2732	Endophytic Bacteria Potentially Promote Plant Growth by Synthesizing Different Metabolites and their Phenotypic/Physiological Profiles in the Biolog GEN III MicroPlateTM Test. International Journal of Molecular Sciences, 2019, 20, 5283.	1.8	58
2733	Biological control of the tomato wilt caused by Clavibacter michiganensis subsp. michiganensis using formulated plant growth-promoting bacteria. Egyptian Journal of Biological Pest Control, 2019, 29, .	0.8	50
2734	Role of Curtobacterium herbarum strain CAH5 on aluminum bioaccumulation and enhancement of Lactuca sativa growth under aluminum and drought stresses. Ecotoxicology and Environmental Safety, 2019, 183, 109573.	2.9	41
2735	Screening of plant growth promoting bacteria (PGPB) from rhizosphere and bulk soil of Caragana microphylla in different habitats and their effects on the growth of Arabidopsis seedlings. Biotechnology and Biotechnological Equipment, 2019, 33, 921-930.	0.5	13
2736	Evolution of Outbreak-Causing Carbapenem-Resistant Klebsiella pneumoniae ST258 at a Tertiary Care Hospital over 8 Years. MBio, 2019, 10, .	1.8	66
2737	Potential of a novel endophytic Bacillus velezensis in tomato growth promotion and protection against Verticillium wilt disease. Biological Control, 2019, 139, 104092.	1.4	57
2738	Fenton-Mediated Biodegradation of Chlorendic Acid â€“ A Highly Chlorinated Organic Pollutant â€“ By Fungi Isolated From a Polluted Site. Frontiers in Microbiology, 2019, 10, 1892.	1.5	12
2739	Impact of intercropping and co-inoculation with strains of plant growth-promoting rhizobacteria on phosphorus and nitrogen concentrations and yield of durum wheat (Triticum durum) and faba bean (Vicia faba). Crop and Pasture Science, 2019, 70, 649.	0.7	12
2740	Phytoextraction of iron from contaminated soils by inoculation of iron-tolerant plant growth-promoting bacteria in Brassica juncea L. Czern. Environmental Science and Pollution Research, 2019, 26, 32815-32823.	2.7	28
2741	Colonies of marine cyanobacteria Trichodesmium interact with associated bacteria to acquire iron from dust. Communications Biology, 2019, 2, 284.	2.0	43
2742	Biocontrol and plant growth-promoting ability of plant-associated bacteria from tomato (Lycopersicum esculentum) under field condition. Microbial Pathogenesis, 2019, 136, 103713.	1.3	20

#	Article	IF	Citations
2743	Applications of New Rhizobacteria Pseudomonas Isolates in Agroecology via Fundamental Processes Complementing Plant Growth. Scientific Reports, 2019, 9, 12832.	1.6	83
2744	Ferric Uptake Regulator (FurA) is Required for Acidovorax citrulli Virulence on Watermelon. Phytopathology, 2019, 109, 1997-2008.	1.1	24
2745	Intervention of bio-protective endophyte Bacillus tequilensis enhance physiological strength of tomato during Fusarium wilt infection. Biological Control, 2019, 139, 104074.	1.4	29
2746	An Isotopic Ratio Outlier Analysis Approach for Global Metabolomics of Biosynthetically Talented Actinomycetes. Metabolites, 2019, 9, 181.	1.3	3
2747	Comparison of the plant growth-promotion performance of a consortium of Bacilli inoculated as endospores or as vegetative cells. FEMS Microbiology Ecology, 2019, 95, .	1.3	15
2748	Enhanced Arsenic Tolerance in Triticum aestivum Inoculated with Arsenic-Resistant and Plant Growth Promoter Microorganisms from a Heavy Metal-Polluted Soil. Microorganisms, 2019, 7, 348.	1.6	40
2749	Genome Insights into the Novel Species Microvirga brassicacearum, a Rapeseed Endophyte with Biotechnological Potential. Microorganisms, 2019, 7, 354.	1.6	30
2750	Metal Resistant Endophytic Bacteria Reduces Cadmium, Nickel Toxicity, and Enhances Expression of Metal Stress Related Genes with Improved Growth of Oryza Sativa, via Regulating Its Antioxidant Machinery and Endogenous Hormones. Plants, 2019, 8, 363.	1.6	111
2751	Characterisation of the Carpinus betulus L. Phyllomicrobiome in Urban and Forest Areas. Frontiers in Microbiology, 2019, 10, 1110.	1.5	35
2752	ACCD-producing rhizobacteria from an Andean Altiplano native plant (Parastrephia quadrangularis) and their potential to alleviate salt stress in wheat seedlings. Applied Soil Ecology, 2019, 136, 184-190.	2.1	56
2753	Individual and combinatorial application of Kocuria rhizophila and citric acid on phytoextraction of multi-metal contaminated soils by Glycine max L. Environmental and Experimental Botany, 2019, 159, 23-33.	2.0	67
2754	Plant growth promotion and suppression of bacterial leaf blight in rice by Paenibacillus polymyxa Sx3. Letters in Applied Microbiology, 2019, 68, 423-429.	1.0	65
2755	Biodiversity of methylotrophic microbial communities and their potential role in mitigation of abiotic stresses in plants. Biologia (Poland), 2019, 74, 287-308.	0.8	118
2756	Siderophores: From natural roles to potential applications. Advances in Applied Microbiology, 2019, 106, 193-225.	1.3	67
2757	Stress-Tolerant Yeasts: Opportunistic Pathogenicity Versus Biocontrol Potential. Genes, 2019, 10, 42.	1.0	58
2758	Virulence Characteristics and an Action Mode of Antibiotic Resistance in Multidrug-Resistant Pseudomonas aeruginosa. Scientific Reports, 2019, 9, 487.	1.6	59
2759	Effects of growth conditions on siderophore producing bacteria and siderophore production from Indian Ocean sector of Southern Ocean. Journal of Basic Microbiology, 2019, 59, 412-424.	1.8	24
2760	Characterization of rhizosphere and endophytic bacteria from roots of maize (Zea mays L.) plant irrigated with wastewater with biotechnological potential in agriculture. Biotechnology Reports (Amsterdam, Netherlands), 2019, 21, e00305.	2.1	53

#	Article	IF	Citations
2761	Analysis of Iron Requirements and Siderophore Production. Methods in Molecular Biology, 2019, 1921, 3-19.	0.4	0
2762	Characterization of novel acidic and thermostable phytase secreting Streptomyces sp. (NCIM 5533) for plant growth promoting characteristics. Biocatalysis and Agricultural Biotechnology, 2019, 18, 101020.	1.5	13
2763	Multi-resistant plant growth-promoting actinobacteria and plant root exudates influence Cr(VI) and lindane dissipation. Chemosphere, 2019, 222, 679-687.	4.2	43
2764	Evaluation of ACC-deaminase-producing rhizobacteria to alleviate water-stress impacts in wheat (Triticum aestivumL.) plants. Canadian Journal of Microbiology, 2019, 65, 387-403.	0.8	86
2765	Mitigation of As toxicity in wheat by exogenous application of hydroxamate siderophore of Aspergillus origin. Acta Physiologiae Plantarum, 2019, 41, 1.	1.0	25
2766	Direct and indirect impact of the bacterial strain Pseudomonas aeruginosa on the dissolution of synthetic Fe(III)- and Fe(II)-bearing basaltic glasses. Chemical Geology, 2019, 523, 9-18.	1.4	14
2767	Halomonas Rhizobacteria of Avicennia marina of Indian Sundarbans Promote Rice Growth Under Saline and Heavy Metal Stresses Through Exopolysaccharide Production. Frontiers in Microbiology, 2019, 10, 1207.	1.5	112
2768	Eurypsychrophilic Pseudomonas spp. isolated from Venezuelan tropical glaciers as promoters of wheat growth and biocontrol agentsÂof plant pathogens at low temperatures. Environmental Sustainability, 2019, 2, 265-275.	1.4	12
2769	Role of bacteria isolated from a plant waste-based compost producing bioactive substances in the control of bacterial spot syndrome caused by Xanthomonas campestris pv. vesicatoria. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101198.	1.5	7
2770	Fungi-assisted phytoextraction of lead: tolerance, plant growthâ€“promoting activities and phytoavailability. Environmental Science and Pollution Research, 2019, 26, 23788-23797.	2.7	23
2771	Interactive effects between cadmium stabilized by palygorskite and mobilized by siderophores from Pseudomonas fluorescens. Ecotoxicology and Environmental Safety, 2019, 181, 265-273.	2.9	13
2772	Unravelling the potential of microbes isolated from rhizospheric soil of chickpea (Cicer arietinum) as plant growth promoter. 3 Biotech, 2019, 9, 277.	1.1	22
2773	A suite of asymmetric citrate siderophores isolated from a marine Shewanella species. Journal of Inorganic Biochemistry, 2019, 198, 110736.	1.5	8
2774	Culturable endophytic bacteria ofCamelliaspecies endowed with plant growth promoting characteristics. Journal of Applied Microbiology, 2019, 127, 825-844.	1.4	40
2775	Enterobactin, an iron chelating bacterial siderophore, arrests cancer cell proliferation. Biochemical Pharmacology, 2019, 168, 71-81.	2.0	23
2776	Potential of plant beneficial bacteria and arbuscular mycorrhizal fungi in phytoremediation of metal-contaminated saline soils. Journal of Hazardous Materials, 2019, 379, 120813.	6.5	146
2777	ACC Deaminase Producing Bacteria With Multifarious Plant Growth Promoting Traits Alleviates Salinity Stress in French Bean (Phaseolus vulgaris) Plants. Frontiers in Microbiology, 2019, 10, 1506.	1.5	327
2778	Identification and Determination of Characteristics of Endophytes from Rice Plants. Reference Series in Phytochemistry, 2019, , 215-247.	0.2	0

#	Article	IF	Citations
2779	Actinobacterium isolated from a semi-arid environment improves the drought tolerance in maize (Zea) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	33
2780	Foliar Application of Iron Fortified Bacteriosiderophore Improves Growth and Grain Fe Concentration in Wheat and Soybean. Indian Journal of Microbiology, 2019, 59, 344-350.	1.5	17
2781	Tomato growth and resistance promotion byEnterobacter hormaecheisubsp.steigerwaltiiEB8D. Archives of Phytopathology and Plant Protection, 2019, 52, 318-332.	0.6	9
2782	Draft genome sequence of a cold-adapted phosphorous-solubilizing Pseudomonas koreensis P2 isolated from Sela Lake, India. 3 Biotech, 2019, 9, 256.	1.1	16
2783	The nematicide Serratia plymuthica M24T3 colonizes Arabidopsis thaliana, stimulates plant growth, and presents plant beneficial potential. Brazilian Journal of Microbiology, 2019, 50, 777-789.	0.8	13
2784	Bacterial communities associated with anthracnose symptomatic and asymptomatic leaves of guarana, an endogenous tropical crop, and their pathogen antagonistic effects. Archives of Microbiology, 2019, 201, 1061-1073.	1.0	3
2785	Rhizosphere response to nickel in a facultative hyperaccumulator. Chemosphere, 2019, 232, 243-253.	4.2	12
2786	A comparative evaluation towards the potential of Klebsiella sp. and Enterobacter sp. in plant growth promotion, oxidative stress tolerance and chromium uptake in Helianthus annuus (L.). Journal of Hazardous Materials, 2019, 377, 391-398.	6.5	49
2787	pH Influences the Distribution of Microbial Rock-Weathering Phenotypes in Weathered Shale Environments. Geomicrobiology Journal, 2019, 36, 752-763.	1.0	5
2788	Functional amyloids promote retention of public goods in bacteria. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190709.	1.2	7
2789	Lead toxicity induced phytotoxic effects on mung bean can be relegated by lead tolerant Bacillus subtilis (PbRB3). Chemosphere, 2019, 234, 70-80.	4.2	33
2790	Diversity and probiotic activities of endophytic bacteria associated with the coastal halophyte Messerschmidia sibirica. Applied Soil Ecology, 2019, 143, 35-44.	2.1	7
2791	Pathological investigations of Vibrio vulnificus infection in Genetically Improved Farmed Tilapia (Oreochromis niloticus L.) cultured at a floating cage farm of India. Aquaculture, 2019, 511, 734217.	1.7	18
2792	The performance of biochar-microbe multiple biochemical material on bioremediation and soil micro-ecology in the cadmium aged soil. Science of the Total Environment, 2019, 686, 719-728.	3.9	74
2793	Phenotypic and genotypic characterization of endophytic bacteria associated with transgenic and non-transgenic soybean plants. Archives of Microbiology, 2019, 201, 1029-1045.	1.0	7
2794	Pseudomonas aeruginosa Alters Its Transcriptome Related to Carbon Metabolism and Virulence as a Possible Survival Strategy in Blood from Trauma Patients. MSystems, 2019, 4, .	1.7	11
2795	Use of Rhizobacteria and Mycorrhizae Consortium in the Open Field as a Strategy for Improving Crop Nutrition, Productivity and Soil Fertility. Frontiers in Microbiology, 2019, 10, 1106.	1.5	158
2796	Simultaneous mitigation of aluminum, salinity and drought stress in Lactuca sativa growth via formulated plant growth promoting Rhodotorula mucilaginosa CAM4. Ecotoxicology and Environmental Safety, 2019, 180, 63-72.	2.9	44

#	Article	IF	Citations
2797	Tilapia recirculating aquaculture systems as a source of plant growth promoting bacteria. Aquaculture Research, 2019, 50, 2054-2065.	0.9	21
2798	Components of rhizospheric bacterial communities of barley and their potential for plant growth promotion and biocontrol of Fusarium wilt of watermelon. Brazilian Journal of Microbiology, 2019, 50, 749-757.	0.8	9
2799	Biochemical traits of Bacillus subtilis MF497446: Its implications on the development of cowpea under cadmium stress and ensuring food safety. Ecotoxicology and Environmental Safety, 2019, 180, 384-395.	2.9	18
2800	Isolation of a novel Co²⁺-resistant bacterium and the application of its siderophore in Co²⁺ recovery from an aqueous solution. Journal of General and Applied Microbiology, 2019, 65, 273-276.	0.4	2
2801	Rhizobacterial colonization of bermudagrass by Bacillus spp. in a Marvyn loamy sand soil. Applied Soil Ecology, 2019, 141, 10-17.	2.1	19
2802	Effect of rhizospheric and endophytic bacteria with multiple plant growth promoting traits on wheat growth. Environmental Science and Pollution Research, 2019, 26, 19804-19813.	2.7	64
2803	Rapid and high yield synthesis of carbon dots with chelating ability derived from acrylamide/chitosan for selective detection of ferrous ions. Applied Surface Science, 2019, 487, 1167-1175.	3.1	60
2804	Assessment of the Potential of Indole-3-Acetic Acid Producing Bacteria to manage Chemical Fertilizers Application. International Journal of Environmental Research, 2019, 13, 603-611.	1.1	11
2805	Differential effects of plant growth-promoting bacteria on invasive and native plants. South African Journal of Botany, 2019, 124, 94-101.	1.2	4
2806	Cyanobacterial Siderophoresâ€"Physiology, Structure, Biosynthesis, and Applications. Marine Drugs, 2019, 17, 281.	2.2	55
2807	Iron requirements and uptake strategies of the globally abundant marine ammonia-oxidising archaeon, Nitrosopumilus maritimus SCM1. ISME Journal, 2019, 13, 2295-2305.	4.4	38
2809	Production, Optimization, and Characterization of Siderophore by Pseudomonas aeruginosa (C3) Isolated from Rhizospheric Soil. , 2019, , 27-32.		0
2810	Enterobacter cloacae, an Endophyte That Establishes a Nutrient-Transfer Symbiosis With Banana Plants and Protects Against the Black Sigatoka Pathogen. Frontiers in Microbiology, 2019, 10, 804.	1.5	51
2811	Adaption of microarray primers for iron transport and homeostasis gene expression in Pseudomonas fluorescens exposed to nano iron. MethodsX, 2019, 6, 1181-1187.	0.7	3
2812	Pan Proteome of Xanthomonas campestris pv. campestris Isolates Contrasting in Virulence. Proteomics, 2019, 19, e1900082.	1.3	4
2813	Identification and characterization of plant growthâ€"promoting endophyte RE02 from Trifolium repens L. in mining smelter. Environmental Science and Pollution Research, 2019, 26, 17236-17247.	2.7	22
2814	Total Synthesis of Hinduchelins Aâ€"D, Stereochemical Revision of Hinduchelin A, and Biological Evaluation of Natural and Unnatural Analogues. Journal of Organic Chemistry, 2019, 84, 6459-6464.	1.7	4
2815	Antagonistic activity of marine Streptomyces sp. S073 on pathogenic Vibrio parahaemolyticus. Fisheries Science, 2019, 85, 533-543.	0.7	6

#	Article	IF	Citations
2816	Induction of systemic resistance in turmeric by rhizospheric isolate Trichoderma asperellum against rhizome rot disease. Journal of Plant Pathology, 2019, 101, 965-980.	0.6	9
2817	New insight into structure-activity of furan-based salicylate synthase (MbtI) inhibitors as potential antitubercular agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 823-828.	2.5	25
2818	Growth of Salmonella enterica Serovars Typhimurium and Enteritidis in Iron-Poor Media and in Meat: Role of Catecholate and Hydroxamate Siderophore Transporters. Journal of Food Protection, 2019, 82, 548-560.	0.8	8
2819	Genomic and Functional Analysis of Emerging Virulent and Multidrug-Resistant Escherichia coli Lineage Sequence Type 648. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	71
2820	Variovorax sp. Has an Optimum Cell Density to Fully Function as a Plant Growth Promoter. Microorganisms, 2019, 7, 82.	1.6	13
2821	Synergism of Pseudomonas aeruginosa (LSE-2) nodule endophyte with Bradyrhizobium sp. (LSBR-3) for improving plant growth, nutrient acquisition and soil health in soybean. World Journal of Microbiology and Biotechnology, 2019, 35, 47.	1.7	77
2822	Plant-Growth Promotion and Biocontrol Properties of Three Streptomyces spp. Isolates to Control Bacterial Rice Pathogens. Frontiers in Microbiology, 2019, 10, 290.	1.5	117
2823	Molecular identification and biocontrol activity of sugarcane rhizosphere bacteria against red rot pathogen Colletotrichum falcatum. Biotechnology Reports (Amsterdam, Netherlands), 2019, 21, e00317.	2.1	35
2824	Beneficial Linkages of Endophytic Burkholderia anthina MYSP113 Towards Sugarcane Growth Promotion. Sugar Tech, 2019, 21, 737-748.	0.9	12
2825	Symbiotic association among marine microalgae and bacterial flora: a study with special reference to commercially important Isochrysis galbana culture. Journal of Applied Phycology, 2019, 31, 2259-2266.	1.5	21
2826	Evaluation of Bacillus velezensis NKG-2 for bio-control activities against fungal diseases and potential plant growth promotion. Biological Control, 2019, 134, 23-31.	1.4	89
2827	Multi-metal Restriction by Calprotectin Impacts De Novo Flavin Biosynthesis in Acinetobacter baumannii. Cell Chemical Biology, 2019, 26, 745-755.e7.	2.5	61
2828	Stenotrophomonas: a versatile diazotrophic bacteria from the rhizospheric soils of Western Himalayas and development of its liquid biofertilizer formulation. Vegetos, 2019, 32, 103-109.	0.8	13
2829	Exploitation of Rhizosphere Microbiome Services. Rhizosphere Biology, 2019, , 105-132.	0.4	9
2830	Methods for Detecting Biocontrol and Plant Growth-Promoting Traits in Rhizobacteria. Rhizosphere Biology, 2019, , 133-149.	0.4	37
2831	Absence of Global Stress Regulation in Escherichia coli Promotes Pathoadaptation and Novel c-di-GMP-dependent Metabolic Capability. Scientific Reports, 2019, 9, 2600.	1.6	14
2832	Potential of Bacillus amyloliquefaciens for biocontrol of bacterial canker of tomato incited by Clavibacter michiganensis ssp. michiganensis. Microbial Pathogenesis, 2019, 130, 196-203.	1.3	35
2833	Growth and nutrition of cowpea (Vigna unguiculata) under water deficit as influenced by microbial inoculation via seed coating. Journal of Agronomy and Crop Science, 2019, 205, 447-459.	1.7	27

#	Article	IF	Citations
2834	The Ectomycorrhizospheric Habitat of Norway Spruce and Tricholoma vaccinum: Promotion of Plant Growth and Fitness by a Rich Microorganismic Community. Frontiers in Microbiology, 2019, 10, 307.	1.5	19
2835	Physiological Diversity of Spitsbergen Soil Microbial Communities Suggests Their Potential as Plant Growth-Promoting Bacteria. International Journal of Molecular Sciences, 2019, 20, 1207.	1.8	14
2836	Plant growth promoting ability of ACC deaminase producing rhizobacteria native to Sunflower (Helianthus annuus L.). Biocatalysis and Agricultural Biotechnology, 2019, 18, 101089.	1.5	20
2837	Metallophore profiling of nitrogen-fixing Frankia spp. to understand metal management in the rhizosphere of actinorhizal plants. Metallomics, 2019, 11, 810-821.	1.0	22
2838	Ambiguity of NRPS Structure Predictions: Four Bidentate Chelating Groups in the Siderophore Pacifibactin. Journal of Natural Products, 2019, 82, 990-997.	1.5	15
2839	Characterization of cadmiumâ€resistant rhizobacteria and their promotion effects on Brassica napus growth and cadmium uptake. Journal of Basic Microbiology, 2019, 59, 579-590.	1.8	31
2840	Alleviation of salt stress response in soybean plants with the endophytic bacterial isolate Curtobacterium sp. SAK1. Annals of Microbiology, 2019, 69, 797-808.	1.1	88
2841	Metal tolerant bacteria enhanced phytoextraction of lead by two accumulator ornamental species. Chemosphere, 2019, 227, 561-569.	4.2	35
2842	Assessment of Plant Growth Promoting and Abiotic Stress Tolerance Properties of Wheat Endophytic Fungi. BioMed Research International, 2019, 2019, 1-12.	0.9	104
2843	Advances in Plant & Microbial Biotechnology. , 2019, , .		1
2844	Phosphate solubilizing and PGR activities of ericaceous shrubs microorganisms isolated from Mediterranean forest soil. Biocatalysis and Agricultural Biotechnology, 2019, 19, 101128.	1.5	15
2845	Genetic and functional characterization of the bacterial community on fruit of three raspberry (Rubus idaeus) cultivars. Journal of Berry Research, 2019, 9, 227-247.	0.7	11
2846	Induction of tolerance to salinity in wheat genotypes by plant growth promoting endophytes: Involvement of ACC deaminase and antioxidant enzymes. Plant Physiology and Biochemistry, 2019, 139, 569-577.	2.8	148
2847	Isolation and Characterization of Antagonistic Bacteria Paenibacillus jamilae HS-26 and Their Effects on Plant Growth. BioMed Research International, 2019, 2019, 1-13.	0.9	41
2848	Adaptations of Alteromonas sp. 76-1 to Polysaccharide Degradation: A CAZyme Plasmid for Ulvan Degradation and Two Alginolytic Systems. Frontiers in Microbiology, 2019, 10, 504.	1.5	30
2849	Isolation, screening and molecular characterization of free-living bacteria of potato (Solanum) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Mycorrhizal association. Scientia Horticulturae, 2019, 252, 388-397.	1.7	20
2850	Identification of Fur in Pasteurella multocida and the Potential of Its Mutant as an Attenuated Live Vaccine. Frontiers in Veterinary Science, 2019, 6, 5.	0.9	19
2851	Identification of a novel strain, Streptomyces blastmyceticus JZB130180, and evaluation of its biocontrol efficacy against Monilinia fructicola. Journal of Zhejiang University: Science B, 2019, 20, 84-94.	1.3	4

#	Article	IF	Citations
2852	Vermicompost enriched with phosphateâ€“solubilizing bacteria provides plant with enough phosphorus in a sequential cropping under calcareous soil conditions. Journal of Cleaner Production, 2019, 221, 27-37.	4.6	50
2853	Impact of phosphate solubilizing bacteria on wheat (Triticum aestivum) in the presence of pesticides. Brazilian Journal of Biology, 2019, 79, 29-37.	0.4	24
2854	Sphingomonas pokkalii sp. nov., a novel plant associated rhizobacterium isolated from a saline tolerant pokkali rice and its draft genome analysis. Systematic and Applied Microbiology, 2019, 42, 334-342.	1.2	38
2855	Cadasides, Calcium-Dependent Acidic Lipopeptides from the Soil Metagenome That Are Active against Multidrug-Resistant Bacteria. Journal of the American Chemical Society, 2019, 141, 3910-3919.	6.6	58
2856	Talaromyces trachyspermus, an endophyte from Withania somniferaÂwith plant growth promoting attributes. Environmental Sustainability, 2019, 2, 13-21.	1.4	15
2857	Sinorhizobium fredii HH103 RirA Is Required for Oxidative Stress Resistance and Efficient Symbiosis with Soybean. International Journal of Molecular Sciences, 2019, 20, 787.	1.8	14
2858	Comparative Genomics, Siderophore Production, and Iron Scavenging Potential of Root Zone Soil Bacteria Isolated from â€˜Concordâ€™ Grape Vineyards. Microbial Ecology, 2019, 78, 699-713.	1.4	14
2859	Utilization of actinobacteria to enhance the production and quality of date palm (Phoenix dactylifera) Tj ETQq1 1 0.784314 rgBT /Ove	3.9	37
2860	High-throughput Siderophore Screening from Environmental Samples: Plant Tissues, Bulk Soils, and Rhizosphere Soils. Journal of Visualized Experiments, 2019, , .	0.2	4
2862	Siderophores: A Novel Approach to Fight Antimicrobial Resistance. Environmental Chemistry for A Sustainable World, 2019, , 99-120.	0.3	4
2863	First high-quality draft genome of Ochrobactrum haematophilum P6BS-III, a highly glyphosate-tolerant strain isolated from agricultural soil in Argentina. 3 Biotech, 2019, 9, 74.	1.1	4
2864	Culturable Stress-Tolerant Plant Growth-Promoting Bacterial Endophytes Associated with Adhatoda vasica. Journal of Soil Science and Plant Nutrition, 2019, 19, 290-298.	1.7	11
2865	Reducing arsenic in rice grains by leonardite and arsenicâ€“resistant endophytic bacteria. Chemosphere, 2019, 223, 448-454.	4.2	59
2866	Combination of heterotrophic nitrifying bacterium and duckweed (<i>Lemna gibba</i> L.) enhances ammonium nitrogen removal efficiency in aquaculture water via mutual growth promotion. Journal of General and Applied Microbiology, 2019, 65, 151-160.	0.4	13
2867	Soil Bacterial Communities From the Chilean Andean Highlands: Taxonomic Composition and Culturability. Frontiers in Bioengineering and Biotechnology, 2019, 7, 10.	2.0	34
2868	Role of novel bacterial Raoultella sp. strain X13 in plant growth promotion and cadmium bioremediation in soil. Applied Microbiology and Biotechnology, 2019, 103, 3887-3897.	1.7	40
2869	Phosphate-Solubilizing Pseudomonas sp. Strain P34-L Promotes Wheat Growth by Colonizing the Wheat Rhizosphere and Improving the Wheat Root System and Soil Phosphorus Nutritional Status. Journal of Plant Growth Regulation, 2019, 38, 1314-1324.	2.8	72
2870	A Potential Biocontrol Agent Streptomycesviolaceusniger AC12AB for Managing Potato Common Scab. Frontiers in Microbiology, 2019, 10, 202.	1.5	23

#	Article	IF	Citations
2871	Functional characterization of a putative DNA methyltransferase, EadM, in Xanthomonas axonopodis pv. glycines by proteomic and phenotypic analyses. Scientific Reports, 2019, 9, 2446.	1.6	39
2872	Genetic variations in salt tolerant and plant growth promoting rhizobacteria of the Western Himalayas. Journal of Plant Biochemistry and Biotechnology, 2019, 28, 133-142.	0.9	5
2873	Advances in Endophytic Fungal Research. Fungal Biology, 2019, , .	0.3	15
2874	Biodiversity of Endophytic Fungi from Diverse Niches and Their Biotechnological Applications. Fungal Biology, 2019, , 105-144.	0.3	125
2875	Elevated level of arsenic negatively influences nifH gene expression of isolated soil bacteria in culture condition as well as soil system. Environmental Geochemistry and Health, 2019, 41, 1953-1966.	1.8	5
2876	Molecular characterization of monocrotophos and chlorpyrifos tolerant bacterial strain for enhancing seed germination of vegetable crops. Chemosphere, 2019, 223, 636-650.	4.2	32
2877	Physiological and proteomic analysis of Stenotrophomonas maltophilia grown under the iron-limited condition. Future Microbiology, 2019, 14, 1417-1428.	1.0	2
2878	The biological control of the grapevine downy mildew disease using Ochrobactrum sp.. Plant Protection Science, 2020, 56, 52-61.	0.7	21
2879	Characterization of sponge-associated actinobacteria with potential to promote plant growth on tidal swamps. Journal of Biological Research (Italy), 2019, 92, .	0.0	1
2880	Efficiency of Pseudomonas spp.-based formulation for controlling root rot disease of black cumin under greenhouse and field conditions. Archives of Phytopathology and Plant Protection, 2019, 52, 1313-1325.	0.6	6
2881	BiorremediaciÃ³n de mercurio y nÃquel por bacterias endÃ³fitas de macrÃ³fitas acuÃ¡ticas. Revista Colombiana De BiotecnologÃa, 2019, 21, 36-44.	0.5	0
2882	Genetic architecture constrains exploitation of siderophore cooperation in the bacteriumBurkholderia cenocepacia. Evolution Letters, 2019, 3, 610-622.	1.6	17
2883	Loss of O -Linked Protein Glycosylation in Burkholderia cenocepacia Impairs Biofilm Formation and Siderophore Activity and Alters Transcriptional Regulators. MSphere, 2019, 4, .	1.3	12
2884	Evaluation ofTrichoderma asperellumas a potential biocontrol agent againstRigidoporus microporusHevea brasiliensis. Archives of Phytopathology and Plant Protection, 2019, 52, 639-666.	0.6	10
2885	Trichoderma reesei improved the nutrition status of wheat crop under salt stress. Journal of Plant Interactions, 2019, 14, 590-602.	1.0	46
2886	Effect of Plant Growth-Promoting Rhizobacteria on Salicornia ramosissima Seed Germination under Salinity, CO2 and Temperature Stress. Agronomy, 2019, 9, 655.	1.3	38
2887	Production and Uptake of Distinct Endogenous Catecholate-Type Siderophores Are Required for Iron Acquisition and Virulence in Chromobacterium violaceum. Infection and Immunity, 2019, 87, .	1.0	12
2888	Composting of Vegetable Waste Using Microbial Consortium and Biocontrol Efficacy of Streptomyces Sp. Al-Dhabi 30 Isolated from the Saudi Arabian Environment for Sustainable Agriculture. Sustainability, 2019, 11, 6845.	1.6	17

#	Article	IF	Citations
2889	Glucanolytic Rhizobacteria Produce Antifungal Metabolites and Elicit ROS Scavenging System in Sugarcane. Sugar Tech, 2019, 21, 244-255.	0.9	13
2890	Diversity and Tissue Preference of Osmotolerant Bacterial Endophytes Associated with Pearl Millet Genotypes Having Differential Drought Susceptibilities. Microbial Ecology, 2019, 77, 676-688.	1.4	18
2891	Plant growth promoting bacteria increases biomass, effective constituent, and modifies rhizosphere bacterial communities of Panax ginseng. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2019, 69, 135-146.	0.3	4
2892	Exploitation of new endophytic bacteria and their ability to promote sugarcane growth and nitrogen nutrition. Antonie Van Leeuwenhoek, 2019, 112, 283-295.	0.7	37
2893	Effect of Indigenous Plant Growth-Promoting Rhizobacteria on Wheat (Triticum AestivumL.) Productivity and Soil Nutrients. Communications in Soil Science and Plant Analysis, 2019, 50, 141-152.	0.6	14
2894	Characterizing the hypertolerance potential of two indigenous bacterial strains (Bacillus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Applied Microbiology, 2019, 126, 1117-1127.	1.4	28
2895	Cyanobacterial Siderophores: Ecological and Biotechnological Significance. , 2019, , 383-397.		7
2896	Reactive green dye remediation by Alternanthera philoxeroides in association with plant growth promoting Klebsiella sp. VITAJ23: A pot culture study. Microbiological Research, 2019, 220, 42-52.	2.5	17
2897	Basidiomycetes fungi as biocontrol agents against take-all disease of wheat. Biological Control, 2019, 130, 34-43.	1.4	17
2898	Competition among Nasal Bacteria Suggests a Role for Siderophore-Mediated Interactions in Shaping the Human Nasal Microbiota. Applied and Environmental Microbiology, 2019, 85, .	1.4	57
2899	Effect of endosulfan tolerant bacterial isolates (Delftia lacustris IITISM30 and Klebsiella aerogenes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Ecotoxicology and Environmental Safety, 2019, 168, 315-323.	2.9	14
2900	Isolation, identification and in vitro characterization of grapevine rhizobacteria to control ochratoxigenic Aspergillus spp. on grapes. Biological Control, 2019, 129, 201-211.	1.4	18
2901	Rhizospheric and endospheric diazotrophs mediated soil fertility intensification in sugarcane-legume intercropping systems. Journal of Soils and Sediments, 2019, 19, 1911-1927.	1.5	56
2902	Pseudomonas protegens MP12: A plant growth-promoting endophytic bacterium with broad-spectrum antifungal activity against grapevine phytopathogens. Microbiological Research, 2019, 219, 123-131.	2.5	71
2903	Isolation and characterization of a virulence related Vibrio alginolyticus strain Wz11 pathogenic to cuttlefish, Sepia pharaonis. Microbial Pathogenesis, 2019, 126, 165-171.	1.3	17
2904	Integrated phytoremediation system for uranium-contaminated soils by adding a plant growth promoting bacterial mixture and mowing grass. Journal of Soils and Sediments, 2019, 19, 1799-1808.	1.5	30
2905	Algae induce siderophore biosynthesis in the freshwater bacterium Cupriavidus necator H16. BioMetals, 2019, 32, 77-88.	1.8	11
2906	The bacterial siderophore enterobactin confers survival advantage to Salmonella in macrophages. Gut Microbes, 2019, 10, 412-423.	4.3	26

#	Article	IF	Citations
2907	Enhanced uptake of Cd by biofilm forming Cd resistant plant growth promoting bacteria bioaugmented to the rhizosphere of Vetiveria zizanioides. International Journal of Phytoremediation, 2019, 21, 487-495.	1.7	29
2908	Proteomic analysis of iron-regulated membrane proteins identify FhuE receptor as a target to inhibit siderophore-mediated iron acquisition in Acinetobacter baumannii. International Journal of Biological Macromolecules, 2019, 125, 1156-1167.	3.6	20
2909	The Polycyclic Polyprenylated Acylphloroglucinol Antibiotic PPAP 23 Targets the Membrane and Iron Metabolism in Staphylococcus aureus. Frontiers in Microbiology, 2019, 10, 14.	1.5	22
2910	Characterization of the Cd-resistant fungus Aspergillus aculeatus and its potential for increasing the antioxidant activity and photosynthetic efficiency of rice. Ecotoxicology and Environmental Safety, 2019, 171, 373-381.	2.9	23
2911	Virulence, attachment and invasion of Caco-2â€¯cells by multidrug-resistant bacteria isolated from wild animals. Microbial Pathogenesis, 2019, 128, 230-235.	1.3	8
2912	Diesel degrading bacterial endophytes with plant growth promoting potential isolated from a petroleum storage facility. 3 Biotech, 2019, 9, 35.	1.1	17
2913	Characterization of Pseudofusicoccum adansoniae, an Endophytic Fungus Residing in Photosynthetic Root of Tinospora cordifolia, a Medicinal Plant. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 1319-1326.	0.4	4
2914	Phosphoproteomic and transcriptomic analyses reveal multiple functions for Aspergillus nidulans MpkA independent of cell wall stress. Fungal Genetics and Biology, 2019, 125, 1-12.	0.9	7
2915	Phosphate solubilizing bacteria and fungi in desert soils: species, limitations and mechanisms. Archives of Agronomy and Soil Science, 2019, 65, 1446-1459.	1.3	26
2916	Iron fortification of reducedâ€fat bioyoghurt containing either shortâ€or longâ€chain inulin. International Journal of Dairy Technology, 2019, 72, 229-239.	1.3	5
2917	Screening for Fusarium Antagonistic Bacteria From Contrasting Niches Designated the Endophyte Bacillus halotolerans as Plant Warden Against Fusarium. Frontiers in Microbiology, 2018, 9, 3236.	1.5	91
2918	Biological control of potato soft rot caused by Dickeya solani and the survival of bacterial antagonists under cold storage conditions. Plant Pathology, 2019, 68, 297-311.	1.2	30
2919	Siderophore-Mediated Iron Acquisition Enhances Resistance to Oxidative and Aromatic Compound Stress in Cupriavidus necator JMP134. Applied and Environmental Microbiology, 2019, 85, .	1.4	30
2920	High salt tolerant plant growth promoting rhizobacteria from the common ice-plant Mesembryanthemum crystallinum L. Rhizosphere, 2019, 9, 10-17.	1.4	25
2921	Adaptation and diversification in virulence factors among urinary catheter-associated Pseudomonas aeruginosa isolates. Journal of Applied Microbiology, 2019, 126, 641-650.	1.4	17
2922	Phenotypic and molecular characterization of diazotrophic bacteria associated with sugarcane in Bangladesh. Organic Agriculture, 2019, 9, 331-343.	1.2	1
2923	Metal-tolerant endophytic bacteria associated with Silene vulgaris support the Cd and Zn phytoextraction in non-host plants. Chemosphere, 2019, 219, 250-260.	4.2	46
2924	Isolation and characterization of mineral-dissolving bacteria from different levels of altered mica schist surfaces and the adjacent soil. World Journal of Microbiology and Biotechnology, 2019, 35, 2.	1.7	10

#	Article	IF	Citations
2925	Biocontrol efficiency of native plant growth promoting rhizobacteria against rhizome rot disease of turmeric. Biological Control, 2019, 129, 55-64.	1.4	61
2926	2D Image Quantification of Microbial Iron Chelators (Siderophores) Using Diffusive Equilibrium in Thin Films Method. Analytical Chemistry, 2019, 91, 1399-1407.	3.2	5
2927	Identification and Determination of Characteristics of Endophytes from Rice Plants. Reference Series in Phytochemistry, 2019, , 1-34.	0.2	0
2928	The Isoniazid Metabolites Hydrazine and Pyridoxal Isonicotinoyl Hydrazone Modulate Heme Biosynthesis. Toxicological Sciences, 2019, 168, 209-224.	1.4	24
2929	Exploring the survival tactics and plant growth promising traits of root-associated bacterial strains under Cd and Pb stress: A modelling based approach. Ecotoxicology and Environmental Safety, 2019, 170, 267-277.	2.9	22
2930	Siderophores: Amazing Metabolites of Microorganisms. Studies in Natural Products Chemistry, 2019, , 157-188.	0.8	8
2931	Alleviation of drought stress in maize (Zea mays) by inoculation with Azotobacter strains isolated from semi-arid regions. Applied Soil Ecology, 2019, 133, 138-145.	2.1	81
2932	Specificity of low molecular weight organic acids on the release of elements from lizardite during fungal weathering. Geochimica Et Cosmochimica Acta, 2019, 256, 20-34.	1.6	19
2933	Application of Marine Bacteria Associated with Seaweed, Ulva lactuca, for Degradation of Algal Waste. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 1153-1160.	0.4	6
2934	Isolation and characterization of endophytes from nodules of Mimosa pudica with biotechnological potential. Microbiological Research, 2019, 218, 76-86.	2.5	34
2935	Isolation and Characterization of Plant Growth Promoting Rhizobacteria From Momordica Charantia L.. , 2019, , 217-238.		4
2936	Efficient rhizobacteria promote growth and alleviate NaCl-induced stress in the plant species Sulla carnosa. Applied Soil Ecology, 2019, 133, 104-113.	2.1	56
2937	Bradyrhizobium and Pseudomonas strains obtained from coal-mining areas nodulate and promote the growth of Calopogonium muconoides plants used in the reclamation of degraded areas. Journal of Applied Microbiology, 2019, 126, 523-533.	1.4	6
2938	Rhizobium panacihumi sp. nov., an isolate from ginseng-cultivated soil, as a potential plant growth promoting bacterium. Archives of Microbiology, 2019, 201, 99-105.	1.0	21
2939	Evaluation of the production of exopolysaccharide by plant growth promoting yeast Rhodotorula sp. strain CAH2 under abiotic stress conditions. International Journal of Biological Macromolecules, 2019, 121, 55-62.	3.6	50
2940	Appraisal of diversity and functional attributes of thermotolerant wheat associated bacteria from the peninsular zone of India. Saudi Journal of Biological Sciences, 2019, 26, 1882-1895.	1.8	134
2941	Isolation and characterization of Pb-resistant plant growth promoting endophytic bacteria and their role in Pb accumulation by fast-growing trees. Environmental Technology (United Kingdom), 2020, 41, 3598-3606.	1.2	9
2942	Microremediation of tannery wastewater by siderophore producing marine bacteria. Environmental Technology (United Kingdom), 2020, 41, 3619-3632.	1.2	14

#	Article	IF	Citations
2943	Biodegradation of monocrotophos by a plant growth promoting Bacillus aryabhattai (VITNNDJ5) strain in artificially contaminated soil. International Journal of Environmental Science and Technology, 2020, 17, 1475-1490.	1.8	23
2944	Composting of Sweet Sorghum Bagasse and its Impact on Plant Growth Promotion. Sugar Tech, 2020, 22, 143-156.	0.9	6
2945	Biocontrol activities of rhizobacteria associated with apple, apricot and kiwi rhizosphere against bacterial canker caused by Clavibacter michiganensis. Indian Phytopathology, 2020, 73, 45-56.	0.7	5
2946	A multifunctional rhizobacterial strain with wide application in different ferns facilitates arsenic phytoremediation. Science of the Total Environment, 2020, 712, 134504.	3.9	20
2947	Potential modes of action of Pseudomonas fluorescens ZX during biocontrol of blue mold decay on postharvest citrus. Journal of the Science of Food and Agriculture, 2020, 100, 744-754.	1.7	35
2948	Siderophore-assisted cadmium hyperaccumulation in Bacillus subtilis. International Microbiology, 2020, 23, 277-286.	1.1	32
2949	Plant growth promoting and antifungal activity in endophytic Bacillus strains from pearl millet (Pennisetum glaucum). Brazilian Journal of Microbiology, 2020, 51, 229-241.	0.8	51
2950	Indigenous strain Bacillus XZM assisted phytoremediation and detoxification of arsenic in Vallisneria denseserrulata. Journal of Hazardous Materials, 2020, 381, 120903.	6.5	57
2951	Functional characterization of endophytic bacilli from pearl millet (Pennisetum glaucum) and their possible role in multiple stress tolerance. Plant Biosystems, 2020, 154, 503-514.	0.8	47
2952	Structure, properties, and biological functions of nonribosomal lipopeptides from pseudomonads. Natural Product Reports, 2020, 37, 29-54.	5.2	77
2953	The maize mycorrhizosphere as a source for isolation of arbuscular mycorrhizae-compatible phosphate rock-solubilizing bacteria. Plant and Soil, 2020, 451, 169-186.	1.8	26
2954	Genetic diversity and growth promoting characteristics of diazotrophic bacteria isolated from 20 genotypes of Brachiaria spp.. Plant and Soil, 2020, 451, 187-205.	1.8	6
2955	Inoculation with Elite Strains of Phosphate-Solubilizing Bacteria Enhances the Effectiveness of Fertilization with Rock Phosphates. Geomicrobiology Journal, 2020, 37, 22-30.	1.0	26
2956	Induction of Systemic Resistance in Chickpea (Cicer arietinum L.) Against Fusarium oxysporum f. sp. ciceris by Antagonistic Rhizobacteria in Assistance with Native Mesorhizobium. Current Microbiology, 2020, 77, 85-98.	1.0	14
2957	Insight into the mechanisms of plant growth promoting strain SNB6 on enhancing the phytoextraction in cadmium contaminated soil. Journal of Hazardous Materials, 2020, 385, 121587.	6.5	41
2958	Induction of resistance in grapevines against powdery mildew by Bacillus strains. Indian Phytopathology, 2020, 73, 35-44.	0.7	0
2959	Combined effects of rhizo-competitive rhizosphere and non-rhizosphere Bacillus in plant growth promotion and yield improvement of Eleusine coracana (Ragi). Canadian Journal of Microbiology, 2020, 66, 111-124.	0.8	12
2960	Characterization of phenazine-1-carboxylic acid by Klebsiella sp. NP-C49 from the coral environment in Gulf of Kutch, India. Archives of Microbiology, 2020, 202, 351-359.	1.0	6

#	Article	IF	Citations
2961	Insights into non-symbiotic plant growth promotion bacteria associated with nodules of Sphaerophysa salsula growing in northwestern China. Archives of Microbiology, 2020, 202, 399-409.	1.0	12
2962	Hfq modulates global protein pattern and stress response in Bordetella pertussis. Journal of Proteomics, 2020, 211, 103559.	1.2	5
2963	Complete Genome Sequence of Sphingobacterium psychroaquaticum Strain SJ-25, an Aerobic Bacterium Capable of Suppressing Fungal Pathogens. Current Microbiology, 2020, 77, 115-122.	1.0	23
2964	Highâ€‰throughput analysis of genes involved in biocontrol performance ofPseudomonas fluorescensNBC275 against Gray mold. Journal of Applied Microbiology, 2020, 128, 265-279.	1.4	9
2965	The effect of plant growth-promoting rhizobacteria (PGPR) on arsenic accumulation and the growth of rice plants (Oryza sativa L.). Chemosphere, 2020, 242, 125136.	4.2	59
2966	Zinc solubilizing bacteria (Bacillus megaterium) with multifarious plant growth promoting activities alleviates growth in Capsicum annuum L.. 3 Biotech, 2020, 10, 36.	1.1	86
2967	Synergistic effects of arbuscular mycorrhizal fungi and plant growth-promoting bacteria benefit maize growth under increasing soil salinity. Journal of Environmental Management, 2020, 257, 109982.	3.8	88
2968	Azidoâ€Ðesferrioxamine Siderophores as Functional Clickâ€Chemistry Probes Generated in Culture upon Adding a Diazoâ€Transfer Reagent. ChemBioChem, 2020, 21, 1433-1445.	1.3	6
2969	Amelioration effect of chromium-tolerant bacteria on growth, physiological properties and chromium mobilization in chickpea (Cicer arietinum) under chromium stress. Archives of Microbiology, 2020, 202, 887-894.	1.0	36
2970	Plant Growth-Promoting Fungi (PGPF) Instigate Plant Growth and Induce Disease Resistance in Capsicum annuum L. upon Infection with Colletotrichum capsici (Syd.) Butler & Bisby. Biomolecules, 2020, 10, 41.	1.8	54
2971	Rice-derived facultative endophytic Serratia liquefaciens F2 decreases rice grain arsenic accumulation in arsenic-polluted soil. Environmental Pollution, 2020, 259, 113832.	3.7	23
2972	Isolation of Heavy Metal-Tolerant PGPR Strains and Amelioration of Chromium Effect in Wheat in Combination with Biochar. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 1-12.	0.7	20
2973	Effects of coinoculation of Rhizobium with plant growth promoting rhizobacteria on the nitrogen fixation and nutrient uptake of Trifolium repens in low phosphorus soil. Journal of Plant Nutrition, 2020, 43, 739-752.	0.9	62
2974	Biocontrol potential of Bacillus subtilis RH5 against sheath blight of rice caused by Rhizoctonia solani. Journal of Basic Microbiology, 2020, 60, 268-280.	1.8	59
2975	Isolation and characterization of psychrophilic and psychrotolerant plant-growth promoting microorganisms from a high-altitude volcano crater in Mexico. Microbiological Research, 2020, 232, 126394.	2.5	49
2976	Siderophore production by bacteria isolated from mangrove sediments: A microcosm study. Journal of Experimental Marine Biology and Ecology, 2020, 524, 151290.	0.7	12
2977	MultitraitPseudomonasspp. Isolated from Monocropped Wheat (Triticum aestivum) Suppress Fusarium Root and Crown Rot. Phytopathology, 2020, 110, 582-592.	1.1	30
2978	Characterization of endophytic bacteria Enterobacter cloacae MG00145 isolated from Ocimum sanctum with Indole Acetic Acid (IAA) production and plant growth promoting capabilities against selected crops. South African Journal of Botany, 2020, 134, 17-26.	1.2	38

#	Article	IF	Citations
2979	Biotransformation and detoxification of chloroacetanilide herbicides by Trichoderma spp. with plant growth-promoting activities. Pesticide Biochemistry and Physiology, 2020, 163, 216-226.	1.6	15
2980	Medicago truncatula root developmental changes by growth-promoting microbes isolated from Fabaceae, growing on organic farms, involve cell cycle changes and WOX5 gene expression. Planta, 2020, 251, 25.	1.6	5
2981	Amelioration of chromium and heat stresses in Sorghum bicolor by Cr6+ reducing-thermotolerant plant growth promoting bacteria. Chemosphere, 2020, 244, 125521.	4.2	75
2982	Functional characterization of potential PGPR exhibiting broad-spectrum antifungal activity. Microbiological Research, 2020, 232, 126389.	2.5	96
2983	Isolation, Selection and Characterization of Root-Associated Rock Phosphate Solubilizing Bacteria in Moroccan Wheat (Triticum aestivum L.). Geomicrobiology Journal, 2020, 37, 230-241.	1.0	28
2984	Modulation of PQQ-dependent glucose dehydrogenase (mGDH and sGDH) activity by succinate in phosphate solubilizing plant growth promoting Acinetobacter sp. SK2. 3 Biotech, 2020, 10, 5.	1.1	15
2985	Screening of plant growth-promoting endophytic bacteria from the roots of the medicinal plant Aloe vera. South African Journal of Botany, 2020, 134, 3-16.	1.2	18
2986	Silencing of Phytopathogen Communication by the Halotolerant PGPR Staphylococcus Equorum Strain EN21. Microorganisms, 2020, 8, 42.	1.6	19
2987	Evaluation of antagonistic activity and mechanisms of endophytic yeasts against pathogenic fungi causing economic crop diseases. Folia Microbiologica, 2020, 65, 573-590.	1.1	28
2988	Application of Endophytic Bacillus subtilis and Salicylic Acid to Improve Wheat Growth and Tolerance under Combined Drought and Fusarium Root Rot Stresses. Agronomy, 2020, 10, 1343.	1.3	12
2989	Genome-Based Insights into the Production of Carotenoids by Antarctic Bacteria, Planococcus sp. ANT_H30 and Rhodococcus sp. ANT_H53B. Molecules, 2020, 25, 4357.	1.7	13
2990	Rhizobactin B is the preferred siderophore by a novel Pseudomonas isolate to obtain iron from dissolved organic matter in peatlands. BioMetals, 2020, 33, 415-433.	1.8	13
2991	Prospective evaluation of individual and consortia plant growth promoting rhizobacteria for drought stress amelioration in rice (Oryza sativa L.). Plant and Soil, 2020, 457, 225-240.	1.8	43
2992	Pseudomonas sp. TK35-L enhances tobacco root development and growth by inducing HRGPnt3 expression in plant lateral root formation. Journal of Integrative Agriculture, 2020, 19, 2549-2560.	1.7	10
2993	Variovorax beijingensis sp. nov., a novel plant-associated bacterial species with plant growth-promoting potential isolated from different geographic regions of Beijing, China. Systematic and Applied Microbiology, 2020, 43, 126135.	1.2	6
2994	Phylogenetically conserved host traits and local abiotic conditions jointly drive the geography of parasite intensity. Functional Ecology, 2020, 34, 2477-2487.	1.7	4
2995	Acinetobacter baumannii can use multiple siderophores for iron acquisition, but only acinetobactin is required for virulence. PLoS Pathogens, 2020, 16, e1008995.	2.1	75
2996	Improved grain yield and lowered arsenic accumulation in rice plants by inoculation with arsenite-oxidizing Achromobacter xylosoxidans GD03. Ecotoxicology and Environmental Safety, 2020, 206, 111229.	2.9	17

#	Article	IF	Citations
2997	Complete Genome Sequence of Enterobacter roggenkampii ED5, a Nitrogen Fixing Plant Growth Promoting Endophytic Bacterium With Biocontrol and Stress Tolerance Properties, Isolated From Sugarcane Root. Frontiers in Microbiology, 2020, 11, 580081.	1.5	63
2998	Novel Bioformulations Developed from Pseudomonas putida BSP9 and Its Biosurfactant for Growth Promotion of Brassica juncea (L.). Plants, 2020, 9, 1349.	1.6	19
2999	Promotion of growth and phytoextraction of cadmium and lead in Solanum nigrum L. mediated by plant-growth-promoting rhizobacteria. Ecotoxicology and Environmental Safety, 2020, 205, 111333.	2.9	82
3000	Detection and Characterization of Antibacterial Siderophores Secreted by Endophytic Fungi from Cymbidium aloifolium. Biomolecules, 2020, 10, 1412.	1.8	67
3001	Reusing phosphate sludge enriched by phosphate solubilizing bacteria as biofertilizer: Growth promotion of Zea Mays. Biocatalysis and Agricultural Biotechnology, 2020, 30, 101825.	1.5	21
3002	Inoculation of Pseudomonas mutant strains can improve growth of soybean and corn plants in soils under salt stress. Rhizosphere, 2020, 16, 100255.	1.4	18
3003	Impact of seed-transmitted endophytic bacteria on intra- and inter-cultivar plant growth promotion modulated by certain sets of metabolites in rice crop. Microbiological Research, 2020, 241, 126582.	2.5	22
3004	Exploring the properties of chitinolytic Bacillus isolates for the pathogens biological control. Microbial Pathogenesis, 2020, 148, 104462.	1.3	19
3005	Biofilm forming rhizobacteria enhance growth and salt tolerance in sunflower plants by stimulating antioxidant enzymes activity. Plant Physiology and Biochemistry, 2020, 156, 242-256.	2.8	61
3006	Plant growth promoting potential of bacterial endophytes from three terrestrial mediterranean orchid species. Plant Biosystems, 2021, 155, 1153-1164.	0.8	11
3007	Dual transcriptomics and proteomics analyses of the early stage of interaction between Caballeronia mineralivorans<scp>PML1</scp>(12) and mineral. Environmental Microbiology, 2020, 22, 3838-3862.	1.8	10
3008	In-Vitro Plant Growth Promotion of Rhizobium Strains Isolated from Lentil Root Nodules under Abiotic Stresses. Agronomy, 2020, 10, 1006.	1.3	8
3009	Mathematical modelling of fungi-initiated siderophoreâ€“iron interactions. Mathematical Medicine and Biology, 2020, 37, 515-550.	0.8	0
3010	Comparative Study on Multiway Enhanced Bio- and Phytoremediation of Aged Petroleum-Contaminated Soil. Agronomy, 2020, 10, 947.	1.3	15
3011	Coordination of Mesorhizobium sp. and endophytic bacteria as elicitor of biocontrol against Fusarium wilt in chickpea. European Journal of Plant Pathology, 2020, 158, 143-161.	0.8	22
3012	Effects of Enterobacter cloacae HG-1 on the Nitrogen-Fixing Community Structure of Wheat Rhizosphere Soil and on Salt Tolerance. Frontiers in Plant Science, 2020, 11, 1094.	1.7	30
3013	Bioprospecting of elite plant growth-promoting bacteria for the maize crop. Acta Scientiarum - Agronomy, 0, 42, e44364.	0.6	9
3014	Biotechnological applications of seed microbiomes for sustainable agriculture and environment. , 2020, , 127-143.		5

#	Article	IF	Citations
3015	The possible mechanisms of copper resistance in the pathogen Pseudomonas syringae pathovars in stone fruit trees. Phytoparasitica, 2020, 48, 705-718.	0.6	3
3016	The marine bivalve molluscs pathogen Vibrio neptunius produces the siderophore amphibactin, which is widespread in molluscs microbiota. Environmental Microbiology, 2020, 22, 5467-5482.	1.8	7
3017	Genome Mining and Evaluation of the Biocontrol Potential of Pseudomonas fluorescens BRZ63, a New Endophyte of Oilseed Rape (Brassica napus L.) against Fungal Pathogens. International Journal of Molecular Sciences, 2020, 21, 8740.	1.8	37
3018	Pathogenicity and immunogenicity of Edwardsiella piscicida ferric uptake regulator (fur) mutations in zebrafish. Fish and Shellfish Immunology, 2020, 107, 497-510.	1.6	13
3019	Microbe-EDTA mediated approach in the phytoremediation of lead-contaminated soils using maize (Zea mays L.) plants. International Journal of Phytoremediation, 2021, 23, 1-12.	1.7	8
3020	Selection of the Root Endophyte Pseudomonas brassicacearum CDVBN10 as Plant Growth Promoter for Brassica napus L. Crops. Agronomy, 2020, 10, 1788.	1.3	24
3021	Generation of Fluorinated Amychelin Siderophores against Pseudomonas aeruginosa Infections by a Combination of Genome Mining and Mutasynthesis. Cell Chemical Biology, 2020, 27, 1532-1543.e6.	2.5	9
3022	Enterobactin induces the chemokine, interleukin-8, from intestinal epithelia by chelating intracellular iron. Gut Microbes, 2020, 12, 1841548.	4.3	12
3023	Characterization of antifungal metabolite phenazine from rice rhizosphere fluorescent pseudomonads (FPs) and their effect on sheath blight of rice. Saudi Journal of Biological Sciences, 2020, 27, 3313-3326.	1.8	21
3024	Biocontrol and plant growth-promoting properties of Streptomyces isolated from vermicompost soil. Indian Phytopathology, 2020, 73, 655-666.	0.7	4
3025	Characterization and genetic diversity of Pantoea agglomerans isolates having dual potentiality to suppress growth of Ralstonia solanacearum and plant growth promoting ability. Indian Phytopathology, 2020, 73, 643-653.	0.7	3
3026	Autochthonous halotolerant plant growth-promoting rhizobacteria promote bacoside A yield of Bacopa monnieri (L.) Nash and phytoextraction of salt-affected soil. Pedosphere, 2020, 30, 671-683.	2.1	20
3027	Isolation and Identification of Soil Bacteria from Extreme Environments of Chile and Their Plant Beneficial Characteristics. Microorganisms, 2020, 8, 1213.	1.6	23
3028	Comparative Genomics of Microbacterium Species to Reveal Diversity, Potential for Secondary Metabolites and Heavy Metal Resistance. Frontiers in Microbiology, 2020, 11, 1869.	1.5	29
3029	Discovery and Biosynthesis of Bolagladins: Unusual Lipodepsipeptides from Burkholderia gladioli Clinical Isolates**. Angewandte Chemie - International Edition, 2020, 59, 21553-21561.	7.2	16
3030	Screening of Siderophore-Producing PGPRs Isolated from Groundnut (Arachis hypogaea L.) Rhizosphere and Their Influence on Iron Release in Soil. Communications in Soil Science and Plant Analysis, 2020, 51, 1680-1692.	0.6	20
3031	A Malian native Azospirillum sp. Az6-based biofertilizer improves growth and yield of both rice (Oryza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	2
3032	Agricultural Utilization of Unused Resources: Liquid Food Waste Material as a New Source of Plant Growth-Promoting Microbes. Agronomy, 2020, 10, 954.	1.3	8

#	Article	IF	Citations
3033	Isolation of Efficient Metal-Binding Bacteria from Boreal Peat Soils and Development of Microbial Biosorbents for Improved Nickel Scavenging. Water (Switzerland), 2020, 12, 2000.	1.2	10
3034	Insights into the microbial composition and potential efficiency of selected commercial biofertilisers. Heliyon, 2020, 6, e04342.	1.4	10
3035	4-Hydroxy-3-methyl-2(1H)-quinolone, originally discovered from a Brassicaceae plant, produced by a soil bacterium of the genus Burkholderia sp.: determination of a preferred tautomer and antioxidant activity. Beilstein Journal of Organic Chemistry, 2020, 16, 1489-1494.	1.3	2
3036	Expression of SidD gene and physiological characterization of the rhizosphere plant growth-promoting yeasts. Heliyon, 2020, 6, e04384.	1.4	21
3037	Exemplifying rhizobacteria for growth stimulation and disease suppression in finger millet. Journal of Plant Diseases and Protection, 2020, 127, 783-798.	1.6	1
3038	Bacillus megaterium Strain CDK25, a Novel Plant Growth Promoting Bacterium Enhances Proximate Chemical and Nutritional Composition of Capsicum annuum L. Frontiers in Plant Science, 2020, 11, 1147.	1.7	10
3039	Multi-Trait Biochemical Features of Metarhizium Species and Their Activities That Stimulate the Growth of Tomato Plants. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	14
3040	Mechanisms of halotolerant plant growth promoting Alcaligenes sp. involved in salt tolerance and enhancement of the growth of rice under salinity stress. 3 Biotech, 2020, 10, 361.	1.1	46
3041	Potential of Mn2+-Resistant Purple Nonsulfur Bacteria Isolated from Acid Sulfate Soils to Act as Bioremediators and Plant Growth Promoters via Mechanisms of Resistance. Journal of Soil Science and Plant Nutrition, 2020, 20, 2364-2378.	1.7	16
3042	Bacteria mediated Fenton-like reaction drives the biotransformation of carbon nanomaterials. Science of the Total Environment, 2020, 746, 141020.	3.9	17
3043	Rhizobacteria Isolated from Saline Soil Induce Systemic Tolerance in Wheat (Triticum aestivum L.) against Salinity Stress. Agronomy, 2020, 10, 989.	1.3	43
3044	Streptomyces. , 2020, , 55-71.		8
3045	Trifolium repens-Associated Bacteria as a Potential Tool to Facilitate Phytostabilization of Zinc and Lead Polluted Waste Heaps. Plants, 2020, 9, 1002.	1.6	13
3046	Diversity of culturable bacteria isolated from ancestral crops of Arica and Parinacota Region, Atacama Desert. Antonie Van Leeuwenhoek, 2020, 113, 2123-2137.	0.7	5
3047	Isolation and functional characterization of a mVOC producing plant-growth-promoting bacterium isolated from the date palm rhizosphere. Rhizosphere, 2020, 16, 100267.	1.4	9
3048	Bryophytes Harbor Cultivable Actinobacteria With Plant Growth Promoting Potential. Frontiers in Microbiology, 2020, 11, 563047.	1.5	4
3049	Auxin-producing fungal endophytes promote growth of sunchoke. Rhizosphere, 2020, 16, 100271.	1.4	41
3050	Bioprospecting of a Novel Plant Growth-Promoting Bacterium Bacillus altitudinis KP-14 for Enhancing Miscanthus Ã— giganteus Growth in Metals Contaminated Soil. Biology, 2020, 9, 305.	1.3	21

#	Article	IF	Citations
3051	Recent developments in siderotyping: procedure and application. World Journal of Microbiology and Biotechnology, 2020, 36, 178.	1.7	9
3052	Ferric Uptake Regulator Fur Coordinates Siderophore Production and Defense against Iron Toxicity and Oxidative Stress and Contributes to Virulence in Chromobacterium violaceum. Applied and Environmental Microbiology, 2020, 86, .	1.4	17
3053	P-Solubilizing Streptomyces roseocinereus MS1B15 With Multiple Plant Growth-Promoting Traits Enhance Barley Development and Regulate Rhizosphere Microbial Population. Frontiers in Plant Science, 2020, 11, 1137.	1.7	41
3054	AmpR ofStenotrophomonas maltophiliais involved in stenobactin synthesis and enhanced Î²-lactam resistance in an iron-depleted condition. Journal of Antimicrobial Chemotherapy, 2020, 75, 3544-3551.	1.3	11
3055	First Report of Pathogenic Bacterium Kalamiella piersonii Isolated from Urine of a Kidney Stone Patient: Draft Genome and Evidence for Role in Struvite Crystallization. Pathogens, 2020, 9, 711.	1.2	18
3056	Characterization of Soil Microorganism from Humus and Indigenous Microorganism Amendments. Mycobiology, 2020, 48, 392-398.	0.6	9
3057	Identification of New Biocontrol Agent against Charcoal Rot Disease Caused by Macrophomina phaseolina in Soybean (Glycine max L.). Sustainability, 2020, 12, 6856.	1.6	29
3058	Potential of a rhizobacterium Bacillus subtilis (Bbv 57) on Fusarium oxysporum f. sp. gerberae and Meloidogyne incognita infecting Gerbera grown in protected cultivation. European Journal of Plant Pathology, 2020, 158, 615-632.	0.8	11
3059	Identification, Characterization and Evaluation of Multifaceted Traits of Plant Growth Promoting Rhizobacteria from Soil for Sustainable Approach to Agriculture. Current Microbiology, 2020, 77, 3633-3642.	1.0	16
3060	Endophytic bacteria naturally inhabiting commercial maize seeds occupy different niches and are efficient plantÂgrowth-promoting agents. Symbiosis, 2020, 81, 255-269.	1.2	13
3061	Mining the Microbiome of Key Species from African Savanna Woodlands: Potential for Soil Health Improvement and Plant Growth Promotion. Microorganisms, 2020, 8, 1291.	1.6	11
3062	Siderophore purification with titanium dioxide nanoparticle solid phase extraction. Analyst, The, 2020, 145, 7303-7311.	1.7	5
3063	Mitigation of Salinity Stress in Wheat Seedlings Due to the Application of Phytohormone-Rich Culture Filtrate Extract of Methylotrophic Actinobacterium Nocardioides sp. NIMMe6. Frontiers in Microbiology, 2020, 11, 2091.	1.5	29
3064	Discovery and Biosynthesis of Bolagladins: Unusual Lipodepsipeptides from Burkholderia gladioli Clinical Isolates**. Angewandte Chemie, 2020, 132, 21737-21745.	1.6	1
3065	Beauveria bassiana Multifunction as an Endophyte: Growth Promotion and Biologic Control of Trialeurodes vaporariorum, (Westwood) (Hemiptera: Aleyrodidae) in Tomato. Insects, 2020, 11, 591.	1.0	32
3066	Cold stress alleviation using individual and combined inoculation of ACC deaminase producing microbes in Ocimum sanctum. Environmental Sustainability, 2020, 3, 289-301.	1.4	12
3067	Indole acetic acid (IAA) producing endophytic bacteria on direct somatic embryogenesis and plant regeneration of Exacum travancoricum Bedd.. Vegetos, 2020, 33, 690-702.	0.8	9
3068	Silicate solubilizing bacteria UPMSSB7, a potential biocontrol agent against white root rot disease pathogen of rubber tree. Journal of Rubber Research (Kuala Lumpur, Malaysia), 2020, 23, 227-235.	0.4	5

#	Article	IF	Citations
3069	Microbes for Iron Chlorosis Remediation in Peach. , 2020, , .		2
3070	Screening of Bacterial Endophytes Able to Promote Plant Growth and Increase Salinity Tolerance. Applied Sciences (Switzerland), 2020, 10, 5767.	1.3	23
3071	A hyperaccumulator plant Sedum alfredii recruits Cd/Zn-tolerant but not Pb-tolerant endospheric bacterial communities from its rhizospheric soil. Plant and Soil, 2020, 455, 257-270.	1.8	12
3072	Characterization of native plant growth promoting rhizobacteria and their anti-oomycete potential against Phytophthora capsici affecting chilli pepper (Capsicum annum L.). Scientific Reports, 2020, 10, 13859.	1.6	45
3073	Plant-PGPR interaction study of plant growth-promoting diazotrophs Kosakonia radicincitans BA1 and Stenotrophomonas maltophilia COA2 to enhance growth and stress-related gene expression in Saccharum spp.. Journal of Plant Interactions, 2020, 15, 427-445.	1.0	32
3074	Analysis of the Interaction between Pisum sativum L. and Rhizobium laguerreae Strains Nodulating This Legume in Northwest Spain. Plants, 2020, 9, 1755.	1.6	7
3075	Characterization and symbiotic evalution of rhizobium bacteria from various plants on soybean (Glycine Max L) plants in green house. IOP Conference Series: Earth and Environmental Science, 2020, 572, 012011.	0.2	1
3076	Enhanced Crop Productivity and Sustainability by Using Native Phosphate Solubilizing Rhizobacteria in the Agriculture of Arid Zones. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	15
3077	Mitigation of Nickel Toxicity and Growth Promotion in Sesame through the Application of a Bacterial Endophyte and Zeolite in Nickel Contaminated Soil. International Journal of Environmental Research and Public Health, 2020, 17, 8859.	1.2	36
3078	Processing of Metals and Metalloids by Actinobacteria: Cell Resistance Mechanisms and Synthesis of Metal(loid)-Based Nanostructures. Microorganisms, 2020, 8, 2027.	1.6	31
3079	Methanol bioeconomy: promotion of rice crop yield in paddy fields with microbial cells prepared from natural gasâ€derived C₁ compound. Microbial Biotechnology, 2021, 14, 1385-1396.	2.0	5
3080	Evaluation of Pseudomonas sp. for its multifarious plant growth promoting potential and its ability to alleviate biotic and abiotic stress in tomato (Solanum lycopersicum) plants. Scientific Reports, 2020, 10, 20951.	1.6	39
3081	Phenotypic and Genomic Comparison of the Two Most Common ExoU-Positive Pseudomonas aeruginosa Clones, PA14 and ST235. MSystems, 2020, 5, .	1.7	19
3082	A Klebsiella pneumoniae ST307 outbreak clone from Germany demonstrates features of extensive drug resistance, hypermucoviscosity, and enhanced iron acquisition. Genome Medicine, 2020, 12, 113.	3.6	82
3083	Endospore-Forming Bacteria Present in a Commercial Stabilized Poultry Manure Determines the Fusarium Biocontrol and the Tomato Growth Promotion. Agronomy, 2020, 10, 1636.	1.3	6
3084	Exopolysaccharides and indole-3-acetic acid producing Bacillus safensis strain FN13 potential candidate for phytostabilization of heavy metals. Environmental Monitoring and Assessment, 2020, 192, 738.	1.3	12
3085	Promiscuous Enzymes Cause Biosynthesis of Diverse Siderophores in Shewanella oneidensis. Applied and Environmental Microbiology, 2020, 86, .	1.4	10
3086	Prospection of cyanobacteria producing bioactive substances and their application as potential phytostimulating agents. Biotechnology Reports (Amsterdam, Netherlands), 2020, 26, e00449.	2.1	28

#	Article	IF	Citations
3087	Biocontrol Potential and Growth Promotion Capability of Bacillus sp. LBF-1 for Management of Wilt Disease of Solanum lycopersicum Caused by Fusarium sp.. Russian Agricultural Sciences, 2020, 46, 139-147.	0.1	6
3088	Diversity of nitrogen-fixing rhizobacteria associated with sugarcane: a comprehensive study of plant-microbe interactions for growth enhancement in Saccharum spp.. BMC Plant Biology, 2020, 20, 220.	1.6	80
3089	RcsAB and Fur Coregulate the Iron-Acquisition System via entC in Klebsiella pneumoniae NTUH-K2044 in Response to Iron Availability. Frontiers in Cellular and Infection Microbiology, 2020, 10, 282.	1.8	7
3090	Plant Growth-Promoting Traits of a Thermophilic Strain of the Klebsiella Group with its Effect on Rice Plant Growth. Current Microbiology, 2020, 77, 2613-2622.	1.0	18
3091	Isolation and Characterization of Bacillus spp. Endowed with Multifarious Plant Growth-Promoting Traits and Their Potential Effect on Tomato (Lycopersicon esculentum) Seedlings. Arabian Journal for Science and Engineering, 2020, 45, 4579-4587.	1.7	15
3092	Competition for iron drives phytopathogen control by natural rhizosphere microbiomes. Nature Microbiology, 2020, 5, 1002-1010.	5.9	260
3093	A Framework for the Selection of Plant Growth-Promoting Rhizobacteria Based on Bacterial Competence Mechanisms. Applied and Environmental Microbiology, 2020, 86, .	1.4	38
3094	Characterization of the Plant Growth-Promoting Activities of Endophytic Fungi Isolated from Sophora flavescens. Microorganisms, 2020, 8, 683.	1.6	55
3095	The Serratia marcescens Siderophore Serratiochelin Is Necessary for Full Virulence during Bloodstream Infection. Infection and Immunity, 2020, 88, .	1.0	17
3096	Quantitative high-throughput approach to chalkophore screening in freshwaters. Science of the Total Environment, 2020, 735, 139476.	3.9	5
3097	Rhizosphere engineering through exogenous growth-regulating small molecules improves the colonizing efficiency of a plant growth-promoting rhizobacterium in rice. 3 Biotech, 2020, 10, 277.	1.1	7
3098	Zinc and phosphate solubilizing Rhizobium radiobacter (LB2) for enhancing quality and yield of loose leaf lettuce in saline soil. Environmental Sustainability, 2020, 3, 209-218.	1.4	29
3099	Chemotaxis and physiological adaptation of an indigenous abiotic stress tolerant plant growth promoting Pseudomonas stutzeri: Amelioration of salt stress to Cicer arietinum. Biocatalysis and Agricultural Biotechnology, 2020, 27, 101652.	1.5	13
3100	Antimony-oxidizing bacteria alleviate Sb stress in Arabidopsis by attenuating Sb toxicity and reducing Sb uptake. Plant and Soil, 2020, 452, 397-412.	1.8	20
3101	Isolation of a novel rhizobacteria having multiple plant growth promoting traits and antifungal activity against certain phytopathogens. Microbiological Research, 2020, 240, 126516.	2.5	21
3103	Endophytes from Gnetum gnemon L. can protect seedlings against the infection of phytopathogenic bacterium Ralstonia solanacearum as well as promote plant growth in tomato. Microbiological Research, 2020, 238, 126503.	2.5	39
3104	Function and insecticidal activity of bacteria associated with papaya mealybug, Paracoccus marginatus Williams & Granara de Willink (Hemiptera: Pseudococcidae). Biocontrol Science and Technology, 2020, 30, 762-778.	0.5	7
3105	Characterization of actinomycetes isolates for plant growth promoting traits and their effects on drought tolerance in maize. Journal of Plant Interactions, 2020, 15, 93-105.	1.0	87

#	Article	IF	Citations
3106	Isolation and Screening of Extracellular PGPR from the Rhizosphere of Tomato Plants after Long-Term Reduced Tillage and Cover Crops. Plants, 2020, 9, 668.	1.6	27
3107	Biocontrol of Rice Seedling Rot Disease Caused by Curvularia lunata and Helminthosporium oryzae by Epiphytic Yeasts from Plant Leaves. Microorganisms, 2020, 8, 647.	1.6	19
3108	Role of Inorganic Phosphate Solubilizing Bacilli Isolated from Moroccan Phosphate Rock Mine and Rhizosphere Soils in Wheat (Triticum aestivum L) Phosphorus Uptake. Current Microbiology, 2020, 77, 2391-2404.	1.0	27
3109	Novel cultivated endophytic Verrucomicrobia reveal deep-rooting traits of bacteria to associate with plants. Scientific Reports, 2020, 10, 8692.	1.6	30
3110	Isolation and characterization of plant growth-promoting endophytic bacteria Bacillus stratosphericus LW-03 from Lilium wardii. 3 Biotech, 2020, 10, 305.	1.1	25
3111	Isolation and characterization of plant growth-promoting rhizobacteria and their effects on the growth of Medicago sativa L. under salinity conditions. Antonie Van Leeuwenhoek, 2020, 113, 1263-1278.	0.7	34
3112	Thermotolerance effect of plant growth-promoting Bacillus cereus SA1 on soybean during heat stress. BMC Microbiology, 2020, 20, 175.	1.3	147
3113	Culturable Bacterial Endophytes From Sedimentary Humic Acid-Treated Plants. Frontiers in Plant Science, 2020, 11, 837.	1.7	17
3114	Plant growth promotion and enhanced uptake of Cd by combinatorial application of Bacillus pumilus and EDTA on Zea mays L.. International Journal of Phytoremediation, 2020, 22, 1372-1384.	1.7	26
3115	Impact of spontaneous mutations on physiological traits and biocontrol activity of Pseudomonas chlororaphis M71. Microbiological Research, 2020, 239, 126517.	2.5	11
3116	Maize growth and yield promoting endophytes isolated into a legume root nodule by a cross-over approach. Rhizosphere, 2020, 15, 100211.	1.4	18
3117	Shedding X-ray Light on the Role of Magnesium in the Activity of Mycobacterium tuberculosis Salicylate Synthase (MbtI) for Drug Design. Journal of Medicinal Chemistry, 2020, 63, 7066-7080.	2.9	21
3118	Growth-promoting and disease-suppressing effects of Paenibacillus polymyxa strain YCP16-23 on pepper (Capsicum annuum) plants. Tropical Plant Pathology, 2020, 45, 415-424.	0.8	6
3119	Endophytic bacilli from medicinal-aromatic perennial Holy basil (Ocimum tenuiflorum L.) modulate plant growth promotion and induced systemic resistance against Rhizoctonia solani in rice (Oryza) Tj ETQq1 1 0.784314 rgBT /Overlock		
3120	Characterization and bioremediation potential of nickel-resistant endophytic bacteria isolated from the wetland plant Tamarix chinensis. FEMS Microbiology Letters, 2020, 367, .	0.7	24
3121	Lon Protease Is Important for Growth under Stressful Conditions and Pathogenicity of the Phytopathogen, Bacterium Dickeya solani. International Journal of Molecular Sciences, 2020, 21, 3687.	1.8	10
3122	Alleviation of Cd phytotoxicity and enhancement of rape seedling growth by plant growthâ€“promoting bacterium Enterobacter sp. Zm-123. Environmental Science and Pollution Research, 2020, 27, 33192-33203.	2.7	5
3123	Plant growth-promoting bacteria isolated from wild legume nodules and nodules of Phaseolus vulgaris L. trap plants in central and southern Mexico. Microbiological Research, 2020, 239, 126522.	2.5	34

#	Article	IF	Citations
3124	Phylogenetic and Functional Characterization of Culturable Endophytic Actinobacteria Associated With Camellia spp. for Growth Promotion in Commercial Tea Cultivars. Frontiers in Microbiology, 2020, 11, 318.	1.5	49
3125	Plant Growth Promotion Abilities of Phylogenetically Diverse Mesorhizobium Strains: Effect in the Root Colonization and Development of Tomato Seedlings. Microorganisms, 2020, 8, 412.	1.6	25
3126	A new assay of bacterial selection with Pb reveals an unexpected effect of Pb on bacterial behavior: implications for remediation. Environmental Chemistry Letters, 2020, 18, 983-992.	8.3	6
3127	Isolation, plant growth-promoting traits, antagonistic effects on clinical and plant pathogenic organisms and identification of actinomycetes from olive rhizosphere. Microbial Pathogenesis, 2020, 143, 104134.	1.3	19
3128	Consortium of endophyte and rhizosphere phosphate solubilizing bacteria improves phosphorous use efficiency in wheat cultivars in phosphorus deficient soils. Rhizosphere, 2020, 14, 100196.	1.4	59
3129	Phosphorus and Potassium Solubilization From Rock Minerals by Endophytic Burkholderia sp. Strain FDN2-1 in Soil and Shift in Diversity of Bacterial Endophytes of Corn Root Tissue with Crop Growth Stage. Geomicrobiology Journal, 2020, 37, 550-563.	1.0	27
3130	Isolation and Characterization of Plant Growth-Promoting Endophytic Bacteria Paenibacillus polymyxa SK1 from Lilium lancifolium. BioMed Research International, 2020, 2020, 1-17.	0.9	59
3131	Yeast Associated with Rice Phylloplane and Their Contribution to Control of Rice Sheath Blight Disease. Microorganisms, 2020, 8, 362.	1.6	18
3132	Bacteria from native soil in combination with arbuscular mycorrhizal fungi augment wheat yield and biofortification. Plant Physiology and Biochemistry, 2020, 150, 222-233.	2.8	55
3133	Evidence of Biocontrol Activity of Bioinoculants Against a Human Pathogen, Listeria monocytogenes. Frontiers in Microbiology, 2020, 11, 350.	1.5	13
3134	New Nocobactin Derivatives with Antimuscarinic Activity, Terpenibactins Aâ€“C, Revealed by Genome Mining of Nocardia terpenica IFM 0406. ChemBioChem, 2020, 21, 2205-2213.	1.3	13
3135	Bacillus subtilis EA-CB0575 genome reveals clues for plant growth promotion and potential for sustainable agriculture. Functional and Integrative Genomics, 2020, 20, 575-589.	1.4	38
3136	Indigenous soil bacteria and the hyperaccumulator Pteris vittata mediate phytoremediation of soil contaminated with arsenic species. Ecotoxicology and Environmental Safety, 2020, 195, 110458.	2.9	32
3137	In Situ Cultivation Approach to Increase the Culturable Bacterial Diversity in the Rhizobiome of Plants. Journal of Soil Science and Plant Nutrition, 2020, 20, 1411-1426.	1.7	22
3138	Application of Methylopila sp. DKT for Bensulfuron-methyl Degradation and Peanut Growth Promotion. Current Microbiology, 2020, 77, 1466-1475.	1.0	8
3139	Evaluation of heterotrophic bacteria associated with healthy and bleached corals of Gulf of Kutch, Gujarat, India for siderophore production and their response to climate change factors. Ecological Indicators, 2020, 113, 106219.	2.6	10
3140	Plant growth promotion by Pseudomonas putida KT2440 under saline stress: role of eptA. Applied Microbiology and Biotechnology, 2020, 104, 4577-4592.	1.7	44
3141	Methanobactin from methanotrophs: genetics, structure, function and potential applications. FEMS Microbiology Letters, 2020, 367, .	0.7	23

#	Article	IF	Citations
3142	Sphingobacterium sp. BHU-AV3 Induces Salt Tolerance in Tomato by Enhancing Antioxidant Activities and Energy Metabolism. Frontiers in Microbiology, 2020, 11, 443.	1.5	59
3143	Characterization of a Versatile Plant Growth-Promoting Rhizobacterium Pseudomonas mediterranea Strain S58. Microorganisms, 2020, 8, 334.	1.6	19
3144	Isolation, screening and characterization of plant growth promoting rhizobacteria from rhizospheric soils of selected pulses. Biocatalysis and Agricultural Biotechnology, 2020, 27, 101685.	1.5	11
3145	Role of plant-growth promoting fungi (PGPF) in defensive genes expression of Triticum aestivum against wilt disease. Rhizosphere, 2020, 15, 100223.	1.4	28
3146	Bacillus strain selection with plant growth-promoting mechanisms as potential elicitors of systemic resistance to gray mold in pepper plants. Saudi Journal of Biological Sciences, 2020, 27, 1913-1922.	1.8	11
3147	Siderophore-Mediated Interactions Determine the Disease Suppressiveness of Microbial Consortia. MSystems, 2020, 5, .	1.7	37
3148	Exploring the Pathogenic Potential of Vibrio vulnificus Isolated from Seafood Harvested along the Mangaluru Coast, India. Microorganisms, 2020, 8, 999.	1.6	5
3149	Plant Growth Enhancement using Rhizospheric Halotolerant Phosphate Solubilizing Bacterium Bacillus licheniformis QA1 and Enterobacter asburiae QF11 Isolated from Chenopodium quinoa Willd. Microorganisms, 2020, 8, 948.	1.6	72
3150	Micromonospora metallophores: A plant growth promotion trait useful for bacterial-assisted phytoremediation?. Science of the Total Environment, 2020, 739, 139850.	3.9	19
3151	Amelioration effect of salt-tolerant plant growth-promoting bacteria on growth and physiological properties of rice (Oryza sativa) under salt-stressed conditions. Archives of Microbiology, 2020, 202, 2419-2428.	1.0	45
3152	Improvement of manganese phytoremediation by Broussonetia papyrifera with two plant growth promoting (PGP) Bacillus species. Chemosphere, 2020, 260, 127614.	4.2	53
3153	Plant growth-promoting bacteria as potential bio-inoculants and biocontrol agents to promote black pepper plant cultivation. Microbiological Research, 2020, 240, 126549.	2.5	31
3154	Molecular characterization of siderophore biosynthesis in Paracoccidioides brasiliensis. IMA Fungus, 2020, 11, 11.	1.7	21
3155	Isolation and Identification of antifungal metabolite producing endophytic Bacillus subtilis (S17) and its in vitro effect on Colletotrichum falcatum causing red rot in sugarcane. Vegetos, 2020, 33, 493-503.	0.8	3
3156	A Systematic Analysis of Mosquito-Microbiome Biosynthetic Gene Clusters Reveals Antimalarial Siderophores that Reduce Mosquito Reproduction Capacity. Cell Chemical Biology, 2020, 27, 817-826.e5.	2.5	17
3157	Seed Biopriming with Microbial Inoculant Triggers Local and Systemic Defense Responses against Rhizoctonia solani Causing Banded Leaf and Sheath Blight in Maize (Zea mays L.). International Journal of Environmental Research and Public Health, 2020, 17, 1396.	1.2	41
3158	Resource heterogeneity and the evolution of public goods cooperation. Evolution Letters, 2020, 4, 155-163.	1.6	10
3159	A study on major plant growth promoting traits of bacteria isolated from marine environment. Materials Today: Proceedings, 2020, 25, 269-273.	0.9	2

#	Article	IF	Citations
3160	Phenotypic Adaption of Pseudomonas aeruginosa by Hacking Siderophores Produced by Other Microorganisms. Molecular and Cellular Proteomics, 2020, 19, 589-607.	2.5	40
3161	Effects of Trichoderma asperellum and its siderophores on endogenous auxin in Arabidopsis thaliana under iron-deficiency stress. International Microbiology, 2020, 23, 501-509.	1.1	21
3162	Effect of copper-resistantStenotrophomonas maltophiliaon maize (Zea mays) growth, physiological properties, and copper accumulation: potential for phytoremediation into biofortification. International Journal of Phytoremediation, 2020, 22, 662-668.	1.7	22
3163	Investigation of the quorum-sensing regulon of the biocontrol bacterium Pseudomonas chlororaphis strain PA23. PLoS ONE, 2020, 15, e0226232.	1.1	15
3164	Characteristics of endophytic bacteria from Polygonum hydropiper and their use in enhancing P-phytoextraction. Plant and Soil, 2020, 448, 647-663.	1.8	2
3165	Induction of systemic resistance in grapevines against powdery mildew by Trichoderma asperelloides strains. Australasian Plant Pathology, 2020, 49, 107-117.	0.5	15
3166	Effects of structural differences on the antibacterial activity of biflavonoids from fruits of the Brazilian peppertree (Schinus terebinthifolius Raddi). Food Research International, 2020, 133, 109134.	2.9	21
3167	Phenotypic traits of Burkholderia spp. associated with ecological adaptation and plant-host interaction. Microbiological Research, 2020, 236, 126451.	2.5	7
3168	Arthrospiribacter ruber gen. nov., sp. nov., a novel bacterium isolated from Arthrospira cultures. Systematic and Applied Microbiology, 2020, 43, 126072.	1.2	8
3169	Genome Sequencing of Pantoea agglomerans C1 Provides Insights into Molecular and Genetic Mechanisms of Plant Growth-Promotion and Tolerance to Heavy Metals. Microorganisms, 2020, 8, 153.	1.6	37
3170	Siderophores from the Entomopathogenic Fungus Beauveria bassiana. Journal of Natural Products, 2020, 83, 296-304.	1.5	13
3171	Integrated Application of Organic Amendments with Alcaligenes sp. AZ9 Improves Nutrient Uptake and Yield of Maize (Zea mays). Journal of Plant Growth Regulation, 2020, 39, 1277-1292.	2.8	15
3172	Rapid biodegradation of chlorpyrifos by plant growth-promoting psychrophilic Shewanella sp. BT05: An eco-friendly approach to clean up pesticide-contaminated environment. Chemosphere, 2020, 247, 125948.	4.2	44
3173	Isolation and screening of indigenous bacteria from phosphogypsum-contaminated soils for their potential in promoting plant growth and trace elements mobilization. Journal of Environmental Management, 2020, 260, 110063.	3.8	14
3174	Endophytic Microbes from Diverse Wheat Genotypes and Their Potential Biotechnological Applications in Plant Growth Promotion and Nutrient Uptake. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 969-979.	0.4	97
3175	Metabolite profiling reveals a complex response of plants to application of plant growth-promoting endophytic bacteria. Microbiological Research, 2020, 234, 126421.	2.5	37
3176	Characterization of potential plant growth-promoting rhizobacteria isolated from sunflower (Helianthus annuus L.) in Iran. Biologia Futura, 2020, 70, 268-277.	0.6	4
3177	Genome Mining and Biosynthesis of Primary Amine-Acylated Desferrioxamines in a Marine Gliding Bacterium. Organic Letters, 2020, 22, 939-943.	2.4	14

#	Article	IF	Citations
3178	Amelioration of drought stress in Foxtail millet (Setaria italica L.) by P-solubilizing drought-tolerant microbes with multifarious plant growth promoting attributes. Environmental Sustainability, 2020, 3, 23-34.	1.4	123
3179	Hormonal imbalance triggered by rhizobacteria enhance nutrient use efficiency and biomass in oil palm. Scientia Horticulturae, 2020, 264, 109161.	1.7	11
3180	The Role of a Nascent Polypeptide-Associated Complex Subunit Alpha in Siderophore Biosynthesis, Oxidative Stress Response, and Virulence in Alternaria alternata. Molecular Plant-Microbe Interactions, 2020, 33, 668-679.	1.4	11
3181	Genomic, metabolic and phenotypic variability shapes ecological differentiation and intraspecies interactions of Alteromonas macleodii. Scientific Reports, 2020, 10, 809.	1.6	48
3182	Selected autochthonous rhizobia, applied in combination with AM fungi, improve seed quality of common bean cultivated in reduced fertilization condition. Applied Soil Ecology, 2020, 148, 103507.	2.1	31
3183	Diversity and plant growth-promoting functions of diazotrophic/N-scavenging bacteria isolated from the soils and rhizospheres of two species of Solanum. PLoS ONE, 2020, 15, e0227422.	1.1	39
3184	The (p)ppGpp-mediated stringent response regulatory system globally inhibits primary metabolism and activates secondary metabolism in Pseudomonas protegens H78. Applied Microbiology and Biotechnology, 2020, 104, 3061-3079.	1.7	13
3185	Microbial siderophore â€“ A boon to agricultural sciences. Biological Control, 2020, 144, 104214.	1.4	74
3186	Selection and validation of reference genes for gene expression studies in Pseudomonas brassicacearum GS20 using real-time quantitative reverse transcription PCR. PLoS ONE, 2020, 15, e0227927.	1.1	17
3187	Effects of Bacillus velezensis FKM10 for Promoting the Growth of Malus hupehensis Rehd. and Inhibiting Fusarium verticillioides. Frontiers in Microbiology, 2019, 10, 2889.	1.5	52
3188	Mercury alters the rhizobacterial community in Brazilian wetlands and it can be bioremediated by the plant-bacteria association. Environmental Science and Pollution Research, 2020, 27, 13550-13564.	2.7	23
3189	Isolation and characterization of endophytes: Biochemical and molecular approach. , 2020, , 1-14.		5
3190	Isolation and characterization of Bacillus subtilis strain 1-L-29, an endophytic bacteria from Camellia oleifera with antimicrobial activity and efficient plant-root colonization. PLoS ONE, 2020, 15, e0232096.	1.1	31
3191	Plant growth promoting potential of Brevibacterium sediminis A6 isolated from the tea rhizosphere of Assam, India. Biocatalysis and Agricultural Biotechnology, 2020, 27, 101610.	1.5	16
3192	No antibiotic and toxic metabolites produced by the biocontrol agent Pseudomonas putida strain B2017. FEMS Microbiology Letters, 2020, 367, .	0.7	11
3193	Evaluation of Antagonistic and Plant Growth Promoting Potential of StreptomycesÂsp. TT3 Isolated from TeaÂ(Camellia sinensis) Rhizosphere Soil. Current Microbiology, 2020, 77, 1829-1838.	1.0	16
3194	Paecilomyces variotii as A Plant-Growth Promoter in Horticulture. Agronomy, 2020, 10, 597.	1.3	28
3195	Extending thermotolerance to tomato seedlings by inoculation with SA1 isolate of Bacillus cereus and comparison with exogenous humic acid application. PLoS ONE, 2020, 15, e0232228.	1.1	59

#	Article	IF	Citations
3196	Bioimmobilization of toxic metals by precipitation of carbonates using Sporosarcina luteola: An in vitro study and application to sulfide-bearing tailings. Science of the Total Environment, 2020, 724, 138124.	3.9	28
3197	Taxonomic and functional diversity of cultivable endophytes with respect to the fitness of cultivars against Ralstonia solanacearum. Journal of Plant Diseases and Protection, 2020, 127, 667-676.	1.6	10
3198	Effect of rhizospheric inoculation of isolated arsenic (As) tolerant strains on growth, As-uptake and bacterial communities in association with Adiantum capillus-veneris. Ecotoxicology and Environmental Safety, 2020, 196, 110498.	2.9	19
3199	Bio-weathering of a uranium-bearing rhyolitic rock from Xiangshan uranium deposit, Southeast China. Geochimica Et Cosmochimica Acta, 2020, 279, 88-106.	1.6	6
3200	Enhancing artemisinin yields through an ecologically functional community of endophytes in Artemisia annua. Industrial Crops and Products, 2020, 150, 112375.	2.5	27
3201	Inoculation of bacterial consortium increases rice yield (Oryza sativa L.) reducing applications of nitrogen fertilizer in San Martin region, Peru. Rhizosphere, 2020, 14, 100200.	1.4	23
3202	Bacterial endophytes of rice (Oryza sativa L.) and their potential for plant growth promotion and antagonistic activities. South African Journal of Botany, 2020, 134, 50-63.	1.2	50
3203	Effects of Bacillus methylotrophicus M4â€1 on physiological and biochemical traits of wheat under salinity stress. Journal of Applied Microbiology, 2020, 129, 695-711.	1.4	19
3204	Vibrio fischeri siderophore production drives competitive exclusion during dualâ€species growth. Molecular Microbiology, 2020, 114, 244-261.	1.2	21
3205	Fodinicola acaciae sp. nov., an Endophytic Actinomycete Isolated from the Roots of Acacia mangium Willd. and Its Genome Analysis. Microorganisms, 2020, 8, 467.	1.6	6
3206	Maximization of Siderophores Production from Biocontrol Agents, Pseudomonas aeruginosa F2 and Pseudomonas fluorescens JY3 Using Batch and Exponential Fed-Batch Fermentation. Processes, 2020, 8, 455.	1.3	14
3207	NTO Sensing by Fluorescence Quenching of a Pyoverdine Siderophoreâ€"A Mechanistic Approach. ACS Omega, 2020, 5, 9668-9673.	1.6	5
3208	Plant growthâ€promoting endophytic bacteria augment growth and salinity tolerance in rice plants. Plant Biology, 2020, 22, 850-862.	1.8	74
3209	Isolation, Identification and Characterization of Endophytic Bacterium Rhizobium oryzihabitans sp. nov., from Rice Root with Biotechnological Potential in Agriculture. Microorganisms, 2020, 8, 608.	1.6	15
3210	Isolation, Characterization and Identification of Indigenous Endophytic Bacteria Exhibiting PGP and Antifungal Traits from the Internal Tissue of Sugarcane Crop. Sugar Tech, 2020, 22, 563-573.	0.9	4
3211	Polyamine-producing actinobacteria enhance biomass production and seed yield in Salicornia bigelovii. Biology and Fertility of Soils, 2020, 56, 499-519.	2.3	40
3212	Antibiotics of Pseudomonas protegens FD6 are essential for biocontrol activity. Australasian Plant Pathology, 2020, 49, 307-317.	0.5	27
3213	Pseudomonas orientalis F9 Pyoverdine, Safracin, and Phenazine Mutants Remain Effective Antagonists against Erwinia amylovora in Apple Flowers. Applied and Environmental Microbiology, 2020, 86, .	1.4	18

#	Article	IF	Citations
3214	Mitigation of Heat Stress in Solanum lycopersicum L. by ACC-deaminase and Exopolysaccharide Producing Bacillus cereus: Effects on Biochemical Profiling. Sustainability, 2020, 12, 2159.	1.6	133
3215	Plant growthâ€promoting rhizobacteria: a novel management strategy for Meloidogyne incognita on turfgrass. Pest Management Science, 2020, 76, 3127-3138.	1.7	6
3216	Forest Tree Associated Bacterial Diffusible and Volatile Organic Compounds against Various Phytopathogenic Fungi. Microorganisms, 2020, 8, 590.	1.6	36
3217	Alleviation of drought stress in maize (Zea mays L.) by using endogenous endophyte Bacillus subtilis in North West Himalayas. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2020, 70, 361-370.	0.3	11
3218	Halotolerant Marine Rhizosphere-Competent Actinobacteria Promote Salicornia bigelovii Growth and Seed Production Using Seawater Irrigation. Frontiers in Microbiology, 2020, 11, 552.	1.5	43
3219	Virulence Factors, Drug Resistance and Biofilm Formation in Pseudomonas Species Isolated from Healthcare Water Systems. Current Microbiology, 2020, 77, 1737-1745.	1.0	13
3220	Yeast strain Debaryomyces hansenii for amelioration of arsenic stress in rice. Ecotoxicology and Environmental Safety, 2020, 195, 110480.	2.9	16
3221	Development and Validation of a Bordetella pertussis Whole-Genome Screening Strategy. Journal of Immunology Research, 2020, 2020, 1-11.	0.9	23
3222	Halotolerant rhizobacteria Pseudomonas pseudoalcaligenesÂand Bacillus subtilisÂmediate systemic tolerance in hydroponically grown soybean (Glycine max L.) against salinity stress. PLoS ONE, 2020, 15, e0231348.	1.1	82
3223	The siderophore repressor SreA maintains growth, hydrogen peroxide resistance, and cell wall integrity in the phytopathogenic fungus Alternaria alternata. Fungal Genetics and Biology, 2020, 139, 103384.	0.9	21
3224	Growth and Yield Response of Upland Rice to Application of Plant Growth-Promoting Rhizobacteria. Journal of Plant Growth Regulation, 2021, 40, 494-508.	2.8	29
3225	Optimization for Production of a Plant Growth Promoting Agent from the Degradation of Chicken Feather Using Keratinase Producing Novel Isolate Bacillus pumilus JYL. Waste and Biomass Valorization, 2021, 12, 1943-1954.	1.8	9
3226	Influence of the plant growth promoting Rhizobium panacihumi on aluminum resistance in Panax ginseng. Journal of Ginseng Research, 2021, 45, 442-449.	3.0	12
3227	Improved Phosphorus Uptake by Wheat Plant (Triticum aestivum L.) with Rhizosphere Fluorescent Pseudomonads Strains Under Water-Deficit Stress. Journal of Plant Growth Regulation, 2021, 40, 162-178.	2.8	36
3228	Bacterialâ€“fungal interactions revealed by genome-wide analysis of bacterial mutant fitness. Nature Microbiology, 2021, 6, 87-102.	5.9	49
3229	Control of postharvest grey spot rot of loquat fruit with Metschnikowia pulcherrima E1 and potential mechanisms of action. Biological Control, 2021, 152, 104406.	1.4	25
3230	Pseudomonasspp., a zinc-solubilizing vermicompost bacteria with plant growth-promoting activity moderates zinc biofortification in tomato. International Journal of Vegetable Science, 2021, 27, 398-412.	0.6	20
3231	Colonization of Vigna radiata by a halotolerant bacterium Kosakonia sacchari improves the ionic balance, stressor metabolites, antioxidant status and yield under NaCl stress. Applied Soil Ecology, 2021, 158, 103809.	2.1	51

#	Article	IF	Citations
3232	Activity assessment of tomato endophytic bacteria bioactive compounds for the postharvest biocontrol of Botrytis cinerea. Postharvest Biology and Technology, 2021, 172, 111389.	2.9	52
3233	Newly isolated Bacillus sp. PS-6 assisted phytoremediation of heavy metals using Phragmites communis: Potential application in wastewater treatment. Bioresource Technology, 2021, 320, 124353.	4.8	63
3234	Serratia sp., an endophyte of Mimosa pudica nodules with nematicidal, antifungal activity and growth-promoting characteristics. Archives of Microbiology, 2021, 203, 549-559.	1.0	13
3235	The genomic attributes of Cd-resistant, hydrocarbonoclastic Bacillus subtilis SR1 for rhizodegradation of benzo(a)pyrene under co-contaminated conditions.. Genomics, 2021, 113, 613-623.	1.3	9
3236	Salt-tolerant plant growth-promoting Bacillus pumilus strain JPVS11 to enhance plant growth attributes of rice and improve soil health under salinity stress. Microbiological Research, 2021, 242, 126616.	2.5	102
3237	Effect of zinc-resistant Lysinibacillus species inoculation on growth, physiological properties, and zinc uptake in maize (Zea mays L.). Environmental Science and Pollution Research, 2021, 28, 6540-6548.	2.7	16
3238	Macrocyclic polyketides with siderophore mode of action from marine heterotrophic Shewanella algae : Prospective antiâ€infective leads attenuate drugâ€resistant pathogens. Journal of Applied Microbiology, 2021, 130, 1552-1570.	1.4	7
3239	How siderophore production can influence the biocontrol activity of Aureobasidium pullulans against Monilinia laxa on peaches. Biological Control, 2021, 152, 104456.	1.4	18
3240	Multifunctional potential of endophytic bacteria from Anacardium othonianum Rizzini in promoting in vitro and ex vitro plant growth. Microbiological Research, 2021, 242, 126600.	2.5	23
3241	Pseudoalteropeptide A, a novel lipopeptide from the marine bacterium Pseudoalteromonas piscicida SWA4_PA4 isolated from marine seaweed. Journal of Antibiotics, 2021, 74, 105-110.	1.0	4
3242	Membrane vesicles from a Dietzia bacterium containing multiple cargoes and their roles in iron delivery. Environmental Microbiology, 2021, 23, 1009-1019.	1.8	10
3243	Inoculation of Bacillus spp. Modulate the soil bacterial communities and available nutrients in the rhizosphere of vetiver plant irrigated with acid mine drainage. Chemosphere, 2021, 263, 128345.	4.2	30
3244	Bioaugmentation with copper tolerant endophyte Pseudomonas lurida strain EOO26 for improved plant growth and copper phytoremediation by Helianthus annuus. Chemosphere, 2021, 266, 128983.	4.2	42
3245	Beneficial bacteria associated with Mimosa pudica and potential to sustain plant growth-promoting traits under heavy metals stress. Bioremediation Journal, 2021, 25, 1-21.	1.0	5
3246	Biological control of Fusarium wilt and growth promotion in pigeon pea (Cajanus cajan) by antagonistic rhizobacteria, displaying multiple modes of pathogen inhibition. Rhizosphere, 2021, 17, 100278.	1.4	28
3247	Endophyte inoculation enhances Ulmus minor resistance to Dutch elm disease. Fungal Ecology, 2021, 50, 101024.	0.7	31
3248	Heat shock enhances outer-membrane vesicle release in Bordetella spp.. Current Research in Microbial Sciences, 2021, 2, 100009.	1.4	14
3249	Siderophore production by Bacillus subtilis MF497446 and Pseudomonas koreensis MG209738 and their efficacy in controlling Cephalosporium maydis in maize plant. Archives of Microbiology, 2021, 203, 1195-1209.	1.0	102

#	Article	IF	Citations
3250	Effects of growthâ€promoting rhizobacteria on maize growth and rhizosphere microbial community under conservation tillage in Northeast China. Microbial Biotechnology, 2021, 14, 535-550.	2.0	46
3251	Augmentation of metal-tolerant bacteria elevates growth and reduces metal toxicity in spinach. Bioremediation Journal, 2021, 25, 108-127.	1.0	9
3252	The nucleoid-associated protein IHF acts as a â€˜transcriptional domainâ€™ protein coordinating the bacterial virulence traits with global transcription. Nucleic Acids Research, 2021, 49, 776-790.	6.5	21
3253	Zinc solubilizing Pseudomonas spp. from vermicompost bestowed with multifaceted plant growth promoting properties and having prospective modulation of zinc biofortification in Abelmoschus esculentus L. Journal of Plant Nutrition, 2021, 44, 1023-1038.	0.9	12
3254	Maillard reaction products inhibit the periodontal pathogen Aggregatibacter actinomycetemcomitans by chelating iron. Archives of Oral Biology, 2021, 122, 104989.	0.8	6
3255	Biogenic fenton-like reaction involvement in aerobic degradation of C60 by Labrys sp. WJW. Environmental Pollution, 2021, 272, 115300.	3.7	6
3256	Wheat-associated Pseudomonas taiwanensis WRS8 reduces cadmium uptake by increasing root surface cadmium adsorption and decreasing cadmium uptake and transport related gene expression in wheat. Environmental Pollution, 2021, 268, 115850.	3.7	17
3257	Characteristics of plant growthâ€“promoting rhizobacteria SCPG-7 and its effect on the growth of Capsicum annuum L.. Environmental Science and Pollution Research, 2021, 28, 11323-11332.	2.7	5
3258	Exploring actinomycetes and endophytes of rice ecosystem for induction of disease resistance against bacterial blight of rice. European Journal of Plant Pathology, 2021, 159, 67-79.	0.8	13
3259	Combination of Siderophore-Producing Bacteria and Piriformospora indica Provides an Efficient Approach to Improve Cadmium Tolerance in Alfalfa. Microbial Ecology, 2021, 81, 717-730.	1.4	39
3260	Effects of perennial aromatic grass species richness and microbial consortium on soil properties of marginal lands and on biomass production. Land Degradation and Development, 2021, 32, 1008-1021.	1.8	14
3261	Appraising the potential of <scp>EPS</scp>â€producing rhizobacteria with <scp>ACC</scp>â€deaminase activity to improve growth and physiology of maize under drought stress. Physiologia Plantarum, 2021, 172, 463-476.	2.6	53
3262	Theoretical insight and experimental elucidation of desferrioxamine B from Bacillus sp. AS7 as a green corrosion inhibitor. Corrosion Engineering Science and Technology, 2021, 56, 93-101.	0.7	5
3263	Inoculation of Cucumber (Cucumis sativus L.) Seedlings with Salt-Tolerant Plant Growth Promoting Bacteria Improves Nutrient Uptake, Plant Attributes and Physiological Profiles. Journal of Plant Growth Regulation, 2021, 40, 1728-1740.	2.8	22
3264	Molecular Identification and In Vitro Plant Growth-Promoting Activities of Culturable Potato (Solanum tuberosum L.) Rhizobacteria in Tanzania. Potato Research, 2021, 64, 67-95.	1.2	15
3265	Microbial siderophores an envisaged tool for asbestos bioremediation â€“ A microcosm approach. Materials Today: Proceedings, 2021, 43, 3110-3116.	0.9	2
3266	Effects of a tart cherry (Prunus cerasus L.) phenolic extract on Porphyromonas gingivalis and its ability to impair the oral epithelial barrier. PLoS ONE, 2021, 16, e0246194.	1.1	5
3267	Isolation, Biochemical and Genomic Characterization of Glyphosate Tolerant Bacteria to Perform Microbe-Assisted Phytoremediation. Frontiers in Microbiology, 2020, 11, 598507.	1.5	12

#	Article	IF	Citations
3268	Opportunistic use of catecholamine neurotransmitters as siderophores to access iron by <scp>Pseudomonas aeruginosa</scp>. Environmental Microbiology, 2022, 24, 878-893.	1.8	22
3269	Identifying virulence determinants of multidrug-resistant Klebsiella pneumoniae in Galleria mellonella. Pathogens and Disease, 2021, 79, .	0.8	27
3270	Deciphering the Potential of Rhizobium pusense MB-17a, a Plant Growth-Promoting Root Endophyte, and Functional Annotation of the Genes Involved in the Metabolic Pathway. Frontiers in Bioengineering and Biotechnology, 2020, 8, 617034.	2.0	21
3271	Selection and characterization of siderophores of pathogenic Escherichia coli intestinal and extraintestinal isolates. Open Agriculture, 2021, 6, 456-465.	0.7	2
3272	Microbial consortia: approaches in crop production and yield enhancement. , 2021, , 293-303.		2
3273	High-throughput Method for Detecting Siderophore Production by Rhizosphere Bacteria. Bio-protocol, 2021, 11, e4001.	0.2	2
3274	Isolation and Characterization of Novel Plant Growth-Promoting Bacteria from the Fronds of Duckweed. Japanese Journal of Water Treatment Biology, 2021, 57, 1-9.	0.2	2
3275	Alternative pathways utilize or circumvent putrescine for biosynthesis of putrescine-containing rhizoferrin. Journal of Biological Chemistry, 2021, 296, 100146.	1.6	8
3276	Drought-tolerant Bacillus megaterium isolated from semi-arid conditions induces systemic tolerance of wheat under drought conditions. Plant Cell Reports, 2022, 41, 549-569.	2.8	62
3277	Heavy-metal resistance mechanisms developed by bacteria from Lermaâ€“Chapala basin. Archives of Microbiology, 2021, 203, 1807-1823.	1.0	12
3279	Plantâ€“microbeâ€“microbe interactions influence the faba bean nodule colonization by diverse endophytic bacteria. FEMS Microbiology Ecology, 2021, 97, .	1.3	8
3280	Plant Growth Promoting and Heavy Metal-Tolerant Rhizobia from Algeria. Environmental Science and Engineering, 2021, , 697-701.	0.1	0
3281	Magnetospirillum magneticum as a Living Iron Chelator Induces TfR1 Upregulation and Decreases Cell Viability in Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 498.	1.8	4
3282	Bioremediation Potential of Streptomyces sp. MOE6 for Toxic Metals and Oil. Polysaccharides, 2021, 2, 47-68.	2.1	11
3283	Design, synthesis, molecular docking, antiâ€quorum sensing, and antiâ€biofilm activity of pyochelinâ€zingerone conjugate. Drug Development Research, 2021, 82, 605-615.	1.4	8
3284	Rhizobacteria From Root Nodules of an Indigenous Legume Enhance Salinity Stress Tolerance in Soybean. Frontiers in Sustainable Food Systems, 2021, 4, .	1.8	26
3285	Chapter Two: Literature Review. , 2021, , 22-31.		0
3286	Screening, Identification and Growth-Promotion Products of Multifunctional Bacteria in a Chinese Fir Plantation. Forests, 2021, 12, 120.	0.9	10

#	Article	IF	Citations
3287	Dual Microbial Inoculation, a Game Changer? â€“ Bacterial Biostimulants With Multifunctional Growth Promoting Traits to Mitigate Salinity Stress in Spring Mungbean. Frontiers in Microbiology, 2020, 11, 600576.	1.5	40
3288	Sustainable Food Production Systems for Climate Change Mitigation: Indigenous Rhizobacteria for Potato Bio-fertilization in Tanzania. , 2021, , 1-27.		0
3289	Emerging insights on the potential role of plant-associated microorganisms in sustainable agriculture. , 2021, , 3-28.		0
3290	Indigenous Plant Growth Promoting Rhizobacteria and Chemical Fertilizers: Impact on Soil Health and Productivity of Capsicum (Capsicum Annuum L.) in North Western Himalayan Region. Communications in Soil Science and Plant Analysis, 2021, 52, 948-963.	0.6	6
3291	Nano-based soil conditioners eradicate micronutrient deficiency: soil physicochemical properties and plant molecular responses. Environmental Science: Nano, 2021, 8, 2824-2843.	2.2	5
3292	Antagonistic Activity of Bacteria Isolated from Apple in Different Fruit Development Stages against Blue Mold Caused by Penicillium expansum. Plant Pathology Journal, 2021, 37, 24-35.	0.7	8
3293	Effect of seed inoculation with phosphate solubilizing bacteria isolated from phosphate solid sludge on seedling growth of wheat (Triticum durum â€˜Karimâ€™). Acta Horticulturae, 2021, , 147-154.	0.1	0
3294	Volatile 1-octanol of tea (Camellia sinensis L.) fuels cell division and indole-3-acetic acid production in phylloplane isolate Pseudomonas sp. NEEL19. Scientific Reports, 2021, 11, 2788.	1.6	2
3295	Enhancement in Plant Growth and Zinc Biofortification of Chickpea (Cicer arietinum L.) by Bacillus altitudinis. Journal of Soil Science and Plant Nutrition, 2021, 21, 922-935.	1.7	38
3296	Bacterial siderophore improves nutrient uptake, leaf physiochemical characteristics, and grain yield of cumin (Cuminum cyminum L.) ecotypes. Journal of Plant Nutrition, 2021, 44, 1794-1806.	0.9	2
3297	Effects of temperature and relative humidity on Aflatoxin B1 reduction in corn grains and antagonistic activities against Aflatoxin-producing Aspergillus flavus by a volatile organic compound-producing yeast, Kwoniella heveanensis DMKU-CE82. BioControl, 2021, 66, 433-443.	0.9	11
3298	The Screening of Potassium- and Phosphate-Solubilizing Actinobacteria and the Assessment of Their Ability to Promote Wheat Growth Parameters. Microorganisms, 2021, 9, 470.	1.6	62
3299	Characterization of Potential Virulence Factors of Vibrio mimicus Isolated from Fishery Products and Water. International Journal of Microbiology, 2021, 2021, 1-7.	0.9	8
3300	Combination on endophytic fungal as the Plant Growth-Promoting Fungi (PGPF) on cucumber (Cucumis sativus). Biodiversitas, 2021, 22, .	0.2	7
3301	Maize landrace rhizospheric fungi with biocontrol potential against four different Fusarium species complexes. Biocontrol Science and Technology, 2021, 31, 754-772.	0.5	0
3302	Rhizobacteria associated with Miscanthus x giganteus improve metal accumulation and plant growth in the flotation tailings. Plant and Soil, 2021, 462, 349-363.	1.8	12
3303	Biosurfactant based formulation of Pseudomonas guariconensis LE3 with multifarious plant growth promoting traits controls charcoal rot disease in Helianthus annus. World Journal of Microbiology and Biotechnology, 2021, 37, 55.	1.7	22
3304	Phosphate solubilization and multiple plant growth promoting properties of Mesorhizobium species nodulating chickpea from acidic soils of Ethiopia. Archives of Microbiology, 2021, 203, 2129-2137.	1.0	10

#	Article	IF	Citations
3305	Restructuring the Cellular Responses: Connecting Microbial Intervention With Ecological Fitness and Adaptiveness to the Maize (Zea mays L.) Grown in Salineâ€“Sodic Soil. Frontiers in Microbiology, 2020, 11, 568325.	1.5	20
3306	Phenetic Characterization of Nitrogen Fixing Azotobacter from Rhizospheric Soil of Southern Rajasthan. Journal of Pure and Applied Microbiology, 2021, 15, 428-436.	0.3	5
3307	Maize-associated bacteria from the Brazilian semiarid region boost plant growth and grain yield. Symbiosis, 2021, 83, 347-359.	1.2	8
3308	Diversity, activity, and effectiveness of Rhizobium bacteria as plant growth promoting rhizobacteria (PGPR) isolated from Dieng, central Java. Iranian Journal of Microbiology, 2021, 13, 130-136.	0.8	6
3309	Dynamic proteome response of a marine Vibrio to a gradient of iron and ferrioxamine bioavailability. Marine Chemistry, 2021, 229, 103913.	0.9	5
3310	Seed inoculation of <scp>desertâ€‹</scp>plant growthâ€promoting rhizobacteria induce biochemical alterations and develop resistance against water stress in wheat. Physiologia Plantarum, 2021, 172, 990-1006.	2.6	21
3311	Comparative assessment of multi-trait plant growth-promoting endophytes associated with cultivated and wild Oryza germplasm of Assam, India. Archives of Microbiology, 2021, 203, 2007-2028.	1.0	19
3312	Whole Genome Analysis of Sugarcane Root-Associated Endophyte Pseudomonas aeruginosa B18â€”A Plant Growth-Promoting Bacterium With Antagonistic Potential Against Sporisorium scitamineum. Frontiers in Microbiology, 2021, 12, 628376.	1.5	53
3313	Diversity of siderophore-producing bacterial cultures from Carlsbad Caverns National Park caves, Carlsbad, New Mexico. Journal of Cave and Karst Studies, 2021, 83, 29-43.	0.3	6
3314	Characterisation of Pseudomonas lundensis CP-P-5 as a potential antagonist of foodborne pathogenic bacteria. Acta Alimentaria, 2021, , .	0.3	0
3315	Characterization of Pseudomonas bacteria of Piper tuberculatum regarding the production of potentially bio-stimulating compounds for plant growth. Acta Amazonica, 2021, 51, 10-19.	0.3	10
3316	Rhizobacteria Associated with a Native Solanaceae Promote Plant Growth and Decrease the Effects of Fusariumoxysporum in Tomato. Agronomy, 2021, 11, 579.	1.3	9
3317	Optimization of indole-3-acetic acid using response surface methodology and its effect on vegetative growth of chickpea. Rhizosphere, 2021, 17, 100321.	1.4	12
3318	Endophytic fungi associated with soybean plants and their antagonistic activity against Rhizoctonia solani. Egyptian Journal of Biological Pest Control, 2021, 31, .	0.8	25
3319	Draft Genomic Analysis of Pseudomonas sp. Strain OA3, a Potential Plant Growth-Promoting Rhizospheric Bacterium. Microbiology Resource Announcements, 2021, 10, .	0.3	0
3320	Influence of cadmium-resistant Streptomycetes on plant growth and cadmium uptake by Chlorophytum comosum (Thunb.) Jacques. Environmental Science and Pollution Research, 2021, 28, 39398-39408.	2.7	8
3321	Unique biocenosis as a foundation to develop a phytobial consortium for effective bioremediation of Cr(VI)-polluted waters and sediments. Environmental Pollution, 2021, 273, 116506.	3.7	9
3322	Identification of Rhizospheric Microorganisms That Manages Root Knot Nematode and Improve Oil Yield in Sweet Basil (Ocimum basilicum L.). Agronomy, 2021, 11, 570.	1.3	5

#	Article	IF	Citations
3323	Contribution of zinc solubilizing bacterial isolates on enhanced zinc uptake and growth promotion of maize (Zea mays L.). Folia Microbiologica, 2021, 66, 543-553.	1.1	13
3324	Mass spectrometry analysis revealed the production of siderophore from Klebsiella oxytoca strain STA01 isolated from sago palm field in Tulehu, Maluku, Indonesia. IOP Conference Series: Earth and Environmental Science, 2021, 712, 012011.	0.2	0
3325	Groundnut (Arachis hypogaea) nodule Rhizobium and passenger endophytic bacterial cultivable diversity and their impact on plant growth promotion. Rhizosphere, 2021, 17, 100309.	1.4	20
3326	In vitro compatibility evaluation of agriusable nanochitosan on beneficial plant growth-promoting rhizobacteria and maize plant. The National Academy of Sciences, India, 2021, 44, 555-559.	0.8	32
3327	Role of Bacillus cereus in Improving the Growth and Phytoextractability of Brassica nigra (L.) K. Koch in Chromium Contaminated Soil. Molecules, 2021, 26, 1569.	1.7	52
3328	Potato plant spheres and to a lesser extent the soil type influence the proportion and diversity of bacterial isolates with in vitro antagonistic activity towards Ralstonia solanacearum. FEMS Microbiology Ecology, 2021, 97, .	1.3	7
3329	Biological characteristics and salt-tolerant plant growth-promoting effects of an ACC deaminase-producing Burkholderia pyrrocinia strain isolated from the tea rhizosphere. Archives of Microbiology, 2021, 203, 2279-2290.	1.0	21
3330	Integrated Genomic and Greenhouse Assessment of a Novel Plant Growth-Promoting Rhizobacterium for Tomato Plant. Frontiers in Plant Science, 2021, 12, 660620.	1.7	12
3331	Characterization of Plant Growth-Promoting Rhizobacteria (PGPR) From Saline Soil in Taiwan. IOP Conference Series: Earth and Environmental Science, 2021, 709, 012079.	0.2	1
3333	Elucidation of crude siderophore extracts from supernatants of Pseudomonas sp. ZnCd2003 cultivated in nutrient broth supplemented with Zn, Cd, and Zn plus Cd. Archives of Microbiology, 2021, 203, 2863-2874.	1.0	5
3334	Plant Growth and Drought Tolerance-Promoting Bacterium for Bioremediation of Paraquat Pesticide Residues in Agriculture Soils. Frontiers in Microbiology, 2021, 12, 604662.	1.5	25
3335	Halotolerant Endophytic Bacterium Serratia rubidaea ED1 Enhances Phosphate Solubilization and Promotes Seed Germination. Agriculture (Switzerland), 2021, 11, 224.	1.4	12
3336	Lipopeptide production by Bacillus atrophaeus strain B44 and its biocontrol efficacy against cotton rhizoctoniosis. Biotechnology Letters, 2021, 43, 1183-1193.	1.1	8
3337	Rhizospheric Phosphate Solubilizing Bacillus atrophaeus GQJK17 S8 Increases Quinoa Seedling, Withstands Heavy Metals, and Mitigates Salt Stress. Sustainability, 2021, 13, 3307.	1.6	16
3338	Phytoextraction efficiency of Pteris vittata grown on a naturally As-rich soil and characterization of As-resistant rhizosphere bacteria. Scientific Reports, 2021, 11, 6794.	1.6	20
3339	Inorganic Chemical Fertilizer Application to Wheat Reduces the Abundance of Putative Plant Growth-Promoting Rhizobacteria. Frontiers in Microbiology, 2021, 12, 642587.	1.5	23
3340	The mineral weathering ability of Collimonas pratensis PMB3(1) involves a Malleobactinâ€mediated iron acquisition system. Environmental Microbiology, 2022, 24, 784-802.	1.8	4
3341	A Novel Marine Pathogen Isolated from Wild Cunners (Tautogolabrus adspersus): Comparative Genomics and Transcriptome Profiling of Pseudomonas sp. Strain J380. Microorganisms, 2021, 9, 812.	1.6	9

#	Article	IF	Citations
3342	Burkholderia gladioli MB39 an Antarctic Strain as a Biocontrol Agent. Current Microbiology, 2021, 78, 2332-2344.	1.0	5
3343	Isolation and Characterization of Phosphate Solubilizing Streptomyces sp. Endemic from Sugar Beet Fields of the Beni-Mellal Region in Morocco. Microorganisms, 2021, 9, 914.	1.6	13
3344	Multifaceted intervention of Bacillus spp. against salinity stress and Fusarium wilt in tomato. Journal of Applied Microbiology, 2021, 131, 2387-2401.	1.4	15
3345	On the potential of Bacillus aryabhattai KMT-4 against Meloidogyne javanica. Egyptian Journal of Biological Pest Control, 2021, 31, .	0.8	8
3346	Potential Screening of Indigenous Drought Stress Tolerant Bacteria for Plant Growth Promotion (PGP) Traits: An In-vitro Study. International Research Journal of Pure and Applied Chemistry, 0, , 8-21.	0.2	1
3347	The Effects of Plant Growth-Promoting Bacteria with Biostimulant Features on the Growth of a Local Onion Cultivar and a Commercial Zucchini Variety. Agronomy, 2021, 11, 888.	1.3	10
3349	Plant Growth-Promoting Rhizobacteria Isolated from the Jujube (Ziziphus lotus) Plant Enhance Wheat Growth, Zn Uptake, and Heavy Metal Tolerance. Agriculture (Switzerland), 2021, 11, 316.	1.4	41
3350	Potential Role of Rhizobacteria Isolated from Citrus Rhizosphere for Biological Control of Citrus Dry Root Rot. Plants, 2021, 10, 872.	1.6	30
3351	Plant growth-promoting rhizobacteria associated to candelilla rhizosphere (Euphorbia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 427 Td (ant Agrobotanici Cluj-Napoca, 2021, 49, 12294.	0.5	4
3352	Bioprospecting of Beneficial Bacteria Traits Associated With Tomato Root in Greenhouse Environment Reveals That Sampling Sites Impact More Than the Root Compartment. Frontiers in Plant Science, 2021, 12, 637582.	1.7	15
3353	Discovery of Siderophore and Metallophore Production in the Aerobic Anoxygenic Phototrophs. Microorganisms, 2021, 9, 959.	1.6	9
3354	Impact of Seed Applied Rhizobacterial Inoculants on Growth of Wheat (Triticum aestivum) and Cowpea [Vigna unguiculata] and their Influence on Rhizospheric Microbial Diversity. Agricultural Research, 2022, 11, 1-14.	0.9	8
3355	Efficiency of plant growth promoting bacteria for growth and yield enhancement of maize (Zea mays) isolated from rock phosphate reserve area Hazara Khyber Pakhtunkhwa, Pakistan. Saudi Journal of Biological Sciences, 2021, 28, 2316-2322.	1.8	4
3356	CHARACTERIZATION OF ENDOPHYTIC BACTERIA OF THE GENUS BACILLUS AND THEIR INFLUENCE ON THE GROWTH OF MAIZE (ZEA MAYS) IN VIVO. Journal of Microbiology, Biotechnology and Food Sciences, 2021, 10, e3602.	0.4	5
3357	A native Zn-solubilising bacterium from mine soil promotes plant growth and facilitates phytoremediation. Journal of Soils and Sediments, 2021, 21, 2301-2314.	1.5	2
3358	Isolation and screening of multifunctional phosphate solubilizing bacteria and its growth-promoting effect on Chinese fir seedlings. Scientific Reports, 2021, 11, 9081.	1.6	36
3359	Selection of plant growth promoting rhizobacteria sharing suitable features to be commercially developed as biostimulant products. Microbiological Research, 2021, 245, 126672.	2.5	40
3360	Comprehensive characterization of stress tolerant bacteria with plant growth-promoting potential isolated from glyphosate-treated environment. World Journal of Microbiology and Biotechnology, 2021, 37, 94.	1.7	8

#	Article	IF	Citations
3361	Biocontrol of tomato bacterial spot by novel Bacillus and Pseudomonas strains. European Journal of Plant Pathology, 2021, 160, 935-948.	0.8	3
3362	Role of Two Plant Growth-Promoting Bacteria in Remediating Cadmium-Contaminated Soil Combined with Miscanthus floridulus (Lab.). Plants, 2021, 10, 912.	1.6	16
3363	The First Polish Isolate of a Novel Species Pectobacterium aquaticum Originates from a Pomeranian Lake. International Journal of Environmental Research and Public Health, 2021, 18, 5041.	1.2	6
3364	Structural and functional characterization of rhizosphere actinomycetes of major crop plants under shifting cultivation practice in Northeast India. Vegetos, 2021, 34, 638-646.	0.8	2
3365	Rhizospheric Soil from Rice Paddy Presents Isolable Bacteria Able to Induce Cold Tolerance in Rice Plants. Journal of Soil Science and Plant Nutrition, 2021, 21, 1993-2006.	1.7	11
3366	Oak (Quercus robur) Associated Endophytic Paenibacillus sp. Promotes Poplar (Populus spp.) Root Growth In Vitro. Microorganisms, 2021, 9, 1151.	1.6	15
3367	Trichovariability in rhizosphere soil samples and their biocontrol potential against downy mildew pathogen in pearl millet. Scientific Reports, 2021, 11, 9517.	1.6	14
3368	Genomic appraisal of Klebsiella PGPB isolated from soil to enhance the growth of barley. Genes and Genomics, 2021, 43, 869-883.	0.5	1
3369	Potential for plant growth promotion of Kocuria arsenatis Strain ST19 on tomato under salt stress conditions. South African Journal of Botany, 2021, 138, 94-104.	1.2	8
3370	HALOBACTERIAS PROMOTORAS DE CRECIMIENTO VEGETAL ASOCIADAS A Lippia palmeri (VERBENACEAE) EN LA ZONA ÃRIDA DEL NOROESTE DE MÃ‰XICO. Acta Biologica Colombiana, 2021, 26, 439-448.	0.1	1
3371	Microbial Technique for The Production of Growth Regulator Compounds Indole Butyric Acid (IBA) and Its Role on The Rooting and Growth of Bougainvillea Spectabilis L. Stem Cuttings. IOP Conference Series: Earth and Environmental Science, 2021, 761, 012003.	0.2	0
3372	Klebsiella jilinsis 2N3 promotes maize growth and induces resistance to northern corn leaf blight. Biological Control, 2021, 156, 104554.	1.4	13
3373	Mesorhizobium ciceri as biological tool for improving physiological, biochemical and antioxidant state of Cicer aritienum (L.) under fungicide stress. Scientific Reports, 2021, 11, 9655.	1.6	36
3374	Biological Control of Chili Damping-Off Disease, Caused by Pythium myriotylum. Frontiers in Microbiology, 2021, 12, 587431.	1.5	11
3375	The Impact of Growth-Promoting Streptomycetes Isolated from Rhizosphere and Bulk Soil on Oilseed Rape (Brassica napus L.) Growth Parameters. Sustainability, 2021, 13, 5704.	1.6	5
3376	Production, Purification, and Characterization of Bacillibactin Siderophore of Bacillus subtilis and Its Application for Improvement in Plant Growth and Oil Content in Sesame. Sustainability, 2021, 13, 5394.	1.6	78
3377	Plant growthâ€“promoting traits of yeasts isolated from the tank bromeliad Vriesea minarum L.B. Smith and the effectiveness of Carlosrosaea vrieseae for promoting bromeliad growth. Brazilian Journal of Microbiology, 2021, 52, 1417-1429.	0.8	14
3378	Chickpea (Cicer arietinum L.) as model legume for decoding the co-existence of Pseudomonas fluorescens and Mesorhizobium sp. as bio-fertilizer under diverse agro-climatic zones. Microbiological Research, 2021, 247, 126720.	2.5	7

#	Article	IF	Citations
3379	Bio-priming in combination with mineral fertilizer improves nutritional quality and yield of red cabbage under Middle Gangetic Plains, India. Scientia Horticulturae, 2021, 283, 110075.	1.7	23
3380	Effect of co-application of Trichoderma spp. with organic composts on plant growth enhancement, soil enzymes and fungal community in soil. Archives of Microbiology, 2021, 203, 4281-4291.	1.0	21
3381	Genetic diversity and plant growth-promoting activity of the dominant bacteria from canola plants in Western Iran. Egyptian Journal of Biological Pest Control, 2021, 31, .	0.8	7
3382	Interplay between Coumarin Accumulation, Iron Deficiency and Plant Resistance to Dickeya spp.. International Journal of Molecular Sciences, 2021, 22, 6449.	1.8	10
3383	Desferrioxamine E produced by an indigenous salt tolerant Pseudomonas stutzeri stimulates iron uptake of Triticum aestivum. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102057.	1.5	3
3384	Isolation, Identification, Biocontrol Activity, and Plant Growth Promoting Capability of a Superior Streptomyces tricolor Strain HM10. Polish Journal of Microbiology, 2021, 70, 245-256.	0.6	9
3385	Salt Tolerance Mechanism of the Rhizosphere Bacterium JZ-GX1 and Its Effects on Tomato Seed Germination and Seedling Growth. Frontiers in Microbiology, 2021, 12, 657238.	1.5	17
3387	Genomic assessment of Stenotrophomonas indicatrix for improved sunflower plant. Current Genetics, 2021, 67, 891-907.	0.8	11
3388	Plant growth promoting potential of endophytic Aspergillus niger 9-p isolated from native forage grass in Pantanal of NhecolÃ¢ndia region, Brazil. Rhizosphere, 2021, 18, 100332.	1.4	25
3389	Antagonistic Activity of Siderophore-Producing Bacteria from Black Rice Rhizosphere against Rice Blast Fungus Pyricularia oryzae. Microbiology and Biotechnology Letters, 2021, 49, 217-224.	0.2	7
3390	First Report of Shot-hole on Flowering Cherry Caused by Burkholderia contaminans and Pseudomonas syringae pv. syringae. Plant Disease, 2021, , PDIS03210547SC.	0.7	2
3391	Screening of siderophore-producing salt-tolerant rhizobacteria suitable for supporting plant growth in saline soils with iron limitation. Journal of Agriculture and Food Research, 2021, 4, 100150.	1.2	28
3392	Mining the rhizosphere of halophytic rangeland plants for halotolerant bacteria to improve growth and yield of salinity-stressed wheat. Plant Physiology and Biochemistry, 2021, 163, 139-153.	2.8	31
3393	Silicate minerals as a direct source of limiting nutrients: Siderophore synthesis and uptake promote ferric iron bioavailability from olivine and microbial growth. Geobiology, 2021, 19, 618-630.	1.1	5
3394	Endophytic fungus Mucor circinelloides DF20 promote tanshinone biosynthesis and accumulation in Salvia miltiorrhiza root. Plant Science, 2021, 307, 110898.	1.7	22
3395	Amelioration of Saline Stress on Chia (Salvia hispanica L.) Seedlings Inoculated With Halotolerant Plant Growth-Promoting Bacteria Isolated From Hypersaline Environments. Frontiers in Agronomy, 2021, 3, .	1.5	5
3397	Isolation, Characterization, and Efficacy of Actinobacteria Associated with Arbuscular Mycorrhizal Spores in Promoting Plant Growth of Chili (Capsicum flutescens L.). Microorganisms, 2021, 9, 1274.	1.6	6
3398	Microbial Phosphorus Mobilization Strategies Across a Natural Nutrient Limitation Gradient and Evidence for Linkage With Iron Solubilization Traits. Frontiers in Microbiology, 2021, 12, 572212.	1.5	8

#	Article	IF	Citations
3399	Peroxisomes Implicated in the Biosynthesis of Siderophores and Biotin, Cell Wall Integrity, Autophagy, and Response to Hydrogen Peroxide in the Citrus Pathogenic Fungus Alternaria alternata. Frontiers in Microbiology, 2021, 12, 645792.	1.5	7
3400	A novel NRPS cluster, acquired by horizontal gene transfer from algae, regulates siderophore iron metabolism in Burkholderia seminalis R456. International Journal of Biological Macromolecules, 2021, 182, 838-848.	3.6	11
3401	Multi-Trait Wheat Rhizobacteria from Calcareous Soil with Biocontrol Activity Promote Plant Growth and Mitigate Salinity Stress. Microorganisms, 2021, 9, 1588.	1.6	5
3402	Pectobacterium parmentieri SCC 3193 Mutants with Altered Synthesis of Cell Surface Polysaccharides Are Resistant to N4-Like Lytic Bacteriophage Ï•A38 (vB_Ppp_A38) but Express Decreased Virulence in Potato (Solanum tuberosum L.) Plants. International Journal of Molecular Sciences, 2021, 22, 7346.	1.8	7
3403	ACC deaminase positive Enterobacter-mediated mitigation of salinity stress, and plant growth promotion of Cajanus cajan: a lab to field study. Physiology and Molecular Biology of Plants, 2021, 27, 1547-1557.	1.4	9
3404	Idification and structural characterisation of a catecholate-type siderophore produced by Stenotrophomonas maltophilia K279a. Microbiology (United Kingdom), 2021, 167, .	0.7	3
3405	Isolation and characterization of fluorescent Pseudomonas with bio-control potential against Ralstonia solanacearum. Indian Phytopathology, 0, , 1.	0.7	3
3406	Halotolerant bacteria isolated from extreme environments induce seed germination and growth of chia (Salvia hispanica L.) and quinoa (Chenopodium quinoa Willd.) under saline stress. Ecotoxicology and Environmental Safety, 2021, 218, 112273.	2.9	12
3407	Prospecting catabolic diversity of microbial strains for developing microbial consortia and their synergistic effect on Lentil (Lens esculenta) growth, yield and iron biofortification. Archives of Microbiology, 2021, 203, 4913-4928.	1.0	11
3408	Alleviation of salinity and metal stress using plant growth-promoting rhizobacteria isolated from semiarid Moroccan copper-mine soils. Environmental Science and Pollution Research, 2021, 28, 67185-67202.	2.7	10
3409	Evaluation of seed associated endophytic bacteria from tolerant chilli cv. Firingi Jolokia for their biocontrol potential against bacterial wilt disease. Microbiological Research, 2021, 248, 126751.	2.5	22
3410	Cyclic siloxane biosurfactant-producing Bacillus cereus BS14 biocontrols charcoal rot pathogen Macrophomina phaseolina and induces growth promotion in Vigna mungo L.. Archives of Microbiology, 2021, 203, 5043-5054.	1.0	8
3411	Evaluation of Bacillus spp. isolates as potential biocontrol agents against charcoal rot caused by Macrophomina phaseolina on common bean. Journal of General Plant Pathology, 2021, 87, 377-386.	0.6	7
3412	Antifungal potential against Sclerotinia sclerotiorum (Lib.) de Bary and plant growth promoting abilities of Bacillus isolates from canola (Brassica napus L.) roots. Microbiological Research, 2021, 248, 126754.	2.5	21
3413	The Marine Endophytic Polyamine-Producing Streptomyces mutabilis UAE1 Isolated From Extreme Niches in the Arabian Gulf Promotes the Performance of Mangrove (Avicennia marina) Seedlings Under Greenhouse Conditions. Frontiers in Marine Science, 2021, 8, .	1.2	23
3414	Phosphate solubilizing rhizobacteria isolated from jujubeziziphus lotusplant stimulate wheat germination rate and seedlings growth. PeerJ, 2021, 9, e11583.	0.9	6
3415	The seed-associated microbiome of four cactus species from Southern Chihuahuan Desert. Journal of Arid Environments, 2021, 190, 104531.	1.2	7
3416	Arnebia euchroma, a Plant Species of Cold Desert in the Himalayas, Harbors Beneficial Cultivable Endophytes in Roots and Leaves. Frontiers in Microbiology, 2021, 12, 696667.	1.5	35

#	Article	IF	Citations
3417	Characterization of Arsenic-Resistant Endophytic Bacteria From Alfalfa and Chickpea Plants. Frontiers in Plant Science, 2021, 12, 696750.	1.7	9
3418	Droughtâ€tolerant <scp>Pseudomonas</scp> sp. showed differential expression of stressâ€responsive genes and induced drought tolerance in <scp>Arabidopsis thaliana</scp>. Physiologia Plantarum, 2022, 174, .	2.6	47
3419	Vegetable associated Bacillus spp. suppress the pea (Pisum sativum L.) root rot caused by Fusarium solani. Biological Control, 2021, 158, 104610.	1.4	18
3420	Biological Control of Take-All and Growth Promotion in Wheat by Pseudomonas chlororaphis YB-10. Pathogens, 2021, 10, 903.	1.2	12
3421	Cadmium-resistant and arginine decarboxylase-producing endophytic Sphingomonas sp. C40 decreases cadmium accumulation in host rice (Oryza sativa Cliangyou 513). Chemosphere, 2021, 275, 130109.	4.2	30
3422	Enhanced phytoextraction of multi-metal contaminated soils under increased atmospheric temperature by bioaugmentation with plant growth promoting Bacillus cereus. Journal of Environmental Management, 2021, 289, 112553.	3.8	22
3423	Features of Bacterial Microbiota in the Wild Habitat of Pulsatilla tongkangensis, the Endangered â€œLong-Sepal Donggang Pasque-Flower Plant,â€•Endemic to Karst Topography of Korea. Frontiers in Microbiology, 2021, 12, 656105.	1.5	7
3424	Occurrence, Virulence and Antimicrobial Susceptibility Profiles of Cronobacter spp. from Ready-to-Eat Foods. Current Microbiology, 2021, 78, 3403-3416.	1.0	7
3425	Exploring Two Streptomyces Species to Control Rhizoctonia solani in Tomato. Agronomy, 2021, 11, 1384.	1.3	25
3426	The Nexus between Fire and Soil Bacterial Diversity in the African Miombo Woodlands of Niassa Special Reserve, Mozambique. Microorganisms, 2021, 9, 1562.	1.6	6
3427	Bioprospecting beneficial endophytic bacterial communities associated with Rosmarinus officinalis for sustaining plant health and productivity. World Journal of Microbiology and Biotechnology, 2021, 37, 135.	1.7	9
3428	Antagonismo de rizobacterias sobre hongos fitopatÃ³genos, y su actividad microbiana con potencial biofertilizante, bioestimulante y biocontrolador. Revista Colombiana De BiotecnologÃa, 2021, 23, 6-16.	0.5	1
3429	Fenton-like reaction driving the degradation and uptake of multi-walled carbon nanotubes mediated by bacterium. Chemosphere, 2021, 275, 129888.	4.2	5
3430	Effects of Herbaspirillum sp. p5-19 assisted with alien soil improvement on the phytoremediation of copper tailings by Vetiveria zizanioides L.. Environmental Science and Pollution Research, 2021, 28, 64757-64768.	2.7	4
3431	Using Rhizosphere Phosphate Solubilizing Bacteria to Improve Barley (Hordeum vulgare) Plant Productivity. Microorganisms, 2021, 9, 1619.	1.6	15
3432	Stress causes interspecific facilitation within a compost community. Ecology Letters, 2021, 24, 2169-2177.	3.0	22
3434	Induction of spontaneous phenotype conversion in Ralstonia solanacearum by addition of iron compounds in liquid medium. Journal of Microbiological Methods, 2021, 186, 106233.	0.7	2
3435	The Endophytic Pseudomonas sp. S57 for Plant-Growth Promotion and the Biocontrol of Phytopathogenic Fungi and Nematodes. Plants, 2021, 10, 1531.	1.6	4

#	Article	IF	Citations
3436	The Genome Analysis of the Human Lung-Associated Streptomyces sp. TR1341 Revealed the Presence of Beneficial Genes for Opportunistic Colonization of Human Tissues. Microorganisms, 2021, 9, 1547.	1.6	3
3437	Identification and Characterization of Arbutus unedo L. Endophytic Bacteria Isolated from Wild and Cultivated Trees for the Biological Control of Phytophthora cinnamomi. Plants, 2021, 10, 1569.	1.6	3
3438	Bacteria Isolated from Wastewater Irrigated Agricultural Soils Adapt to Heavy Metal Toxicity While Maintaining Their Plant Growth Promoting Traits. Sustainability, 2021, 13, 7792.	1.6	25
3439	Genomics assisted functional characterization of Paenibacillus polymyxa HK4 as a biocontrol and plant growth promoting bacterium. Microbiological Research, 2021, 248, 126734.	2.5	16
3440	Potential Bioinoculants for Sustainable Agriculture Prospected from Ferruginous Caves of the Iron Quadrangle/Brazil. Sustainability, 2021, 13, 9354.	1.6	2
3441	Isolation and characterization of endophytic fungi having plant growth promotion traits that biosynthesizes bacosides and withanolides under in vitro conditions. Brazilian Journal of Microbiology, 2021, 52, 1791-1805.	0.8	13
3442	Biosurfactant assisted design treatments for remediation of petroleum contaminated soil and metabolomics based interactive study with Brassica nigra L. Environmental Challenges, 2021, 4, 100080.	2.0	5
3443	Characterization of Endophytic Fungi, Acremonium sp., from Lilium davidii and Analysis of Its Antifungal and Plant Growth-Promoting Effects. BioMed Research International, 2021, 2021, 1-14.	0.9	22
3444	Endophytic rhizobia promote the growth of Cuban rice cultivar. Symbiosis, 2021, 85, 175-190.	1.2	7
3445	Synergistic effect of ACC deaminase producing Pseudomonas sp. TR15a and siderophore producing Bacillus aerophilus TR15c for enhanced growth and copper accumulation in Helianthus annuus L. Chemosphere, 2021, 276, 130038.	4.2	47
3446	New insights into the construction of wild-type Saba pig-derived Escherichia coli irp2 gene deletion strains. 3 Biotech, 2021, 11, 408.	1.1	3
3447	Diversity of maize (Zea mays L.) rhizobacteria with potential to promote plant growth. Brazilian Journal of Microbiology, 2021, 52, 1807-1823.	0.8	6
3448	In vitro selection of rhizobacteria for increasing drought tolerance of tomato plants. Acta Horticulturae, 2021, , 429-436.	0.1	1
3449	A Plant Endophytic Bacterium, Burkholderia seminalis Strain 869T2, Promotes Plant Growth in Arabidopsis, Pak Choi, Chinese Amaranth, Lettuces, and Other Vegetables. Microorganisms, 2021, 9, 1703.	1.6	20
3450	Petrobactin, a siderophore produced by Alteromonas, mediates community iron acquisition in the global ocean. ISME Journal, 2022, 16, 358-369.	4.4	30
3451	Isolation, characterization, and evaluation of a high-siderophore-yielding bacterium from heavy metalâ€“contaminated soil. Environmental Science and Pollution Research, 2022, 29, 3888-3899.	2.7	6
3452	Direct Antibiotic Activity of Bacillibactin Broadens the Biocontrol Range of Bacillus amyloliquefaciens MBI600. MSphere, 2021, 6, e0037621.	1.3	50
3453	An improved high-throughput method for assessing the impact of bioformulation on plant parameters: Case study with pigeonpea seeds. Physiological and Molecular Plant Pathology, 2021, 115, 101657.	1.3	0

#	Article	IF	Citations
3454	Enrichment of dimerumic acid in Monascusâ€fermented rice and its in vivo antioxidant activity. Food Frontiers, 2021, 2, 547-556.	3.7	4
3455	Seed priming with endophytic Bacillus subtilis strain-specifically improves growth of Phaseolus vulgaris plants under normal and salinity conditions and exerts anti-stress effect through induced lignin deposition in roots and decreased oxidative and osmotic damages. Journal of Plant Physiology, 2021, 263, 153462.	1.6	32
3456	Bioactivites of Penicillium citrinum isolated from a medicinal plant Swertia chirayita. Archives of Microbiology, 2021, 203, 5173-5182.	1.0	9
3457	Deep-Sea Actinobacteria Mitigate Salinity Stress in Tomato Seedlings and Their Biosafety Testing. Plants, 2021, 10, 1687.	1.6	21
3458	Algal p-coumaric acid induces oxidative stress and siderophore biosynthesis in the bacterial symbiont Phaeobacter inhibens. Cell Chemical Biology, 2022, 29, 670-679.e5.	2.5	9
3459	Characterization of Erwinia gerundensis A4, an Almond-Derived Plant Growth-Promoting Endophyte. Frontiers in Microbiology, 2021, 12, 687971.	1.5	12
3460	Application potential of Comamonas testosteroni ZG2 for vegetable cultivation in nickel and cadmium polluted soil. Environmental Technology and Innovation, 2021, 23, 101626.	3.0	3
3461	Virulence Traits and Population Genomics of the Black Yeast Aureobasidium melanogenum. Journal of Fungi (Basel, Switzerland), 2021, 7, 665.	1.5	8
3462	Characterization of plantÂgrowth-promoting rhizobacterial isolates associated with food plants in South Africa. Antonie Van Leeuwenhoek, 2021, 114, 1683-1708.	0.7	8
3463	Non-enzymatic electrochemical cholesterol sensor based on strong host-guest interactions with a polymer of intrinsic microporosity (PIM) with DFT study. Analytical and Bioanalytical Chemistry, 2021, 413, 6523-6533.	1.9	7
3464	Rhizospheric bacteria as potential biocontrol agents against Fusarium wilt and crown and root rot diseases in tomato. Saudi Journal of Biological Sciences, 2021, 28, 7460-7471.	1.8	21
3465	Beneficial traits of root endophytes and rhizobacteria associated with plants growing in phytomanaged soils with mixed trace metal-polycyclic aromatic hydrocarbon contamination. Chemosphere, 2021, 277, 130272.	4.2	20
3466	Siderophore mediated mineralization of struvite: A novel greener route of sustainable phosphate management. Water Research, 2021, 203, 117511.	5.3	10
3467	Role of acuK in Control of Iron Acquisition and Gluconeogenesis in Talaromyces marneffei. Journal of Fungi (Basel, Switzerland), 2021, 7, 798.	1.5	7
3468	The first member of Exserohilum rostratum beneficial for promoting growth and yield of sunchoke (Helianthus tuberosus L.). Rhizosphere, 2021, 19, 100379.	1.4	7
3469	Isolation, Characterization, and Evaluation of Native Rhizobacterial Consortia Developed From the Rhizosphere of Rice Grown in Organic State Sikkim, India, and Their Effect on Plant Growth. Frontiers in Microbiology, 2021, 12, 713660.	1.5	9
3470	Plant Growth Promoting Abilities of Novel Burkholderia-Related Genera and Their Interactions With Some Economically Important Tree Species. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	4
3471	Acquisition of the Conjugative Virulence Plasmid From a CG23 Hypervirulent Klebsiella pneumoniae Strain Enhances Bacterial Virulence. Frontiers in Cellular and Infection Microbiology, 2021, 11, 752011.	1.8	21

#	Article	IF	Citations
3472	Synthesis, Structural and Physicochemical Characterization of a Titanium(IV) Compound with the Hydroxamate Ligand N,2-Dihydroxybenzamide. Molecules, 2021, 26, 5588.	1.7	2
3473	Accumulation of beneficial bacteria in the rhizosphere of maize (Zea mays L.) grown in a saline soil in responding to a consortium of plant growth promoting rhizobacteria. Annals of Microbiology, 2021, 71, .	1.1	20
3474	Genomic Analysis of the 1-Aminocyclopropane-1-Carboxylate Deaminase-Producing Pseudomonas thivervalensis SC5 Reveals Its Multifaceted Roles in Soil and in Beneficial Interactions With Plants. Frontiers in Microbiology, 2021, 12, 752288.	1.5	12
3475	Antagonistic activity of lipopeptide-biosurfactant producing Bacillus subtilis AKP, against Colletotrichum capsici, the causal organism of anthracnose disease of chilli. Biocatalysis and Agricultural Biotechnology, 2021, 36, 102133.	1.5	10
3476	Synergistic effects of plant growth promoting rhizobacteria and silicon dioxide nano-particles for amelioration of drought stress in wheat. Plant Physiology and Biochemistry, 2021, 166, 160-176.	2.8	70
3477	Application of NativeÂBacillusÂsp. forÂSustainableÂJhumÂAgro-ecosystem. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2021, 91, 799-810.	0.4	2
3478	Draft Genome Sequence of Salegentibacter sp. Strain BDJ18, a Plankton-Associated Bacterium in the Northeast Atlantic Ocean. Microbiology Resource Announcements, 2021, 10, e0062821.	0.3	0
3479	Suppression of Fusarium Wilt Caused by Fusarium oxysporum f. sp. lactucae and Growth Promotion on Lettuce Using Bacterial Isolates. Journal of Microbiology and Biotechnology, 2021, 31, 1241-1255.	0.9	4
3480	Screening for P- and K-solubilizing, and siderophore producing capacity of rhizobacteria from Khao Dawk Mali 105 Aromatic Rice. IOP Conference Series: Earth and Environmental Science, 2021, 858, 012004.	0.2	4
3481	The Mexican giant maize of Jala landrace harbour plant-growth-promoting rhizospheric and endophytic bacteria. 3 Biotech, 2021, 11, 447.	1.1	9
3482	Inoculated Seed Endophytes Modify the Poplar Responses to Trace Elements in Polluted Soil. Agronomy, 2021, 11, 1987.	1.3	7
3483	Plant Growth-Promoting Rhizobacteria of Curcuma longa L. and Their Impact on its Growth. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2021, 91, 769-776.	0.4	3
3484	Enhanced Bioremediation of Heavy Metals from Phosphate Processing Wastewater Using the Indigenous BacteriumSerratia rubidaeaNCTC12971. Geomicrobiology Journal, 2021, 38, 914-923.	1.0	7
3485	The Aracâ€like transcriptional regulator YqhC is involved in pathogenicity of Erwinia amylovora. Journal of Applied Microbiology, 2022, 132, 1319-1329.	1.4	4
3486	A Consortium of Rhizosphere-Competent Actinobacteria Exhibiting Multiple Plant Growth-Promoting Traits Improves the Growth of Avicennia marina in the United Arab Emirates. Frontiers in Marine Science, 2021, 8, .	1.2	17
3487	An evaluation into the biosorption and biodegradation of azo dyes by indigenous siderophores-producing bacteria immobilized in chitosan. Biodegradation, 2021, 32, 697-710.	1.5	7
3488	Growth Promotion of Rapeseed (Brassica napus L.) and Blackleg Disease (Leptosphaeria maculans) Suppression Mediated by Endophytic Bacteria. Agronomy, 2021, 11, 1966.	1.3	10
3489	Prospecting Endophytic Bacteria Endowed With Plant Growth Promoting Potential Isolated From Camellia sinensis. Frontiers in Microbiology, 2021, 12, 738058.	1.5	15

#	Article	IF	Citations
3490	Mercury resistance and plant growth promoting traits of endophytic bacteria isolated from mercury-contaminated soil. Bioremediation Journal, 2022, 26, 208-227.	1.0	9
3491	Genome analysis of a salinity adapted Achromobacter xylosoxidans rhizobacteria from the date palm. Rhizosphere, 2021, 19, 100401.	1.4	9
3492	PGPR-Mediated Plant Growth Attributes and Metal Extraction Ability of Sesbania sesban L. in Industrially Contaminated Soils. Agronomy, 2021, 11, 1820.	1.3	80
3493	A Thermotolerant Marine Bacillus amyloliquefaciens S185 Producing Iturin A5 for Antifungal Activity against Fusarium oxysporum f. sp. cubense. Marine Drugs, 2021, 19, 516.	2.2	14
3494	From Strain Characterization to Field Authorization: Highlights on Bacillus velezensis Strain B25 Beneficial Properties for Plants and Its Activities on Phytopathogenic Fungi. Microorganisms, 2021, 9, 1924.	1.6	9
3495	Construction of a sustainable 3-hydroxybutyrate-producing probiotic Escherichia coli for treatment of colitis. Cellular and Molecular Immunology, 2021, 18, 2344-2357.	4.8	56
3496	Development and Characterization of Efficient K-Solubilizing Rhizobacteria and Mesorhizobial Inoculants for Chickpea. Sustainability, 2021, 13, 10240.	1.6	5
3497	Enhanced diversity and rock-weathering potential of bacterial communities inhabiting potash trachyte surface beneath mosses and lichens â€" A case study in Nanjing, China. Science of the Total Environment, 2021, 785, 147357.	3.9	7
3498	Identification, evaluation and selection of a bacterial endophyte able to colonise tomato plants, enhance their growth and control Xanthomonas vesicatoria, the causal agent of the spot disease. Canadian Journal of Plant Pathology, 0, , .	0.8	1
3499	Biological control of Fusarium wilt caused by Fusarium equiseti in Vicia faba with broad spectrum antifungal plant-associated Bacillus spp.. Biological Control, 2021, 160, 104671.	1.4	23
3500	An actinomycete strain of Nocardiopsis lucentensis reduces arsenic toxicity in barley and maize. Journal of Hazardous Materials, 2021, 417, 126055.	6.5	26
3501	Isolation and Characterization of Cold-Adapted PGPB and Their Effect on Plant Growth Promotion. Journal of Microbiology and Biotechnology, 2021, 31, 1218-1230.	0.9	7
3502	Glucanolytic rhizobacteria associated with wheat- maize cropping system suppress the Fusarium wilt of tomato (Lycopersicum esculentum L). Scientia Horticulturae, 2021, 287, 110275.	1.7	12
3503	Epiphytic Bacteria from Sweet Pepper Antagonistic In Vitro to Ralstonia solanacearum BD 261, a Causative Agent of Bacterial Wilt. Microorganisms, 2021, 9, 1947.	1.6	12
3504	Dual inoculation of Bradyrhizobium and Enterobacter alleviates the adverse effect of salinity on Glycine max seedling. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2021, 49, 12461.	0.5	24
3505	Siderophores: Importance in bacterial pathogenesis and applications in medicine and industry. Microbiological Research, 2021, 250, 126790.	2.5	50
3506	Salt-Tolerant Compatible Microbial Inoculants Modulate Physio-Biochemical Responses Enhance Plant Growth, Zn Biofortification and Yield of Wheat Grown in Saline-Sodic Soil. International Journal of Environmental Research and Public Health, 2021, 18, 9936.	1.2	20
3507	Isolation and evaluation of bacterial endophytes against Sclerospora graminicola (Sacc.) Schroet, the causal of pearl millet downy mildew. Egyptian Journal of Biological Pest Control, 2021, 31, .	0.8	5

#	Article	IF	Citations
3508	Biochar composite with microbes enhanced arsenic biosorption and phytoextraction by Typha latifolia in hybrid vertical subsurface flow constructed wetland. Environmental Pollution, 2021, 291, 118269.	3.7	21
3509	Comparative phenotypic characterization of hybrid Shiga toxin-producing / uropathogenic Escherichia coli, canonical uropathogenic and Shiga toxin-producing Escherichia coli. International Journal of Medical Microbiology, 2021, 311, 151533.	1.5	8
3510	Easy detection of siderophore production in diluted growth media using an improved CAS reagent. Journal of Microbiological Methods, 2021, 189, 106310.	0.7	14
3511	Diversity and biotechnological potential of endophytic Bacillus species originating from the stem apoplast fluid of sugarcane plants. Applied Soil Ecology, 2021, 166, 103985.	2.1	6
3512	Biological management of selected weeds of wheat through co-application of allelopathic rhizobacteria and sorghum extract. Biological Control, 2021, 164, 104775.	1.4	13
3513	Characterization and low-cost preservation of Chromobacterium violaceum strain TRFM-24 isolated from Tripura state, India. Journal of Genetic Engineering and Biotechnology, 2021, 19, 146.	1.5	3
3514	Anti-Vibrio dibutyl phthalate from marine-derived Streptomyces sp. S073. Research in Veterinary Science, 2021, 140, 198-202.	0.9	2
3515	Bacillus siamensis CNE6- a multifaceted plant growth promoting endophyte of Cicer arietinum L. having broad spectrum antifungal activities and host colonizing potential. Microbiological Research, 2021, 252, 126859.	2.5	25
3516	Screening of Bacillus for the development of bioprotectants for the control of Fusarium oxysporum f. sp. vasinfectum and meloidogye incognita. Biological Control, 2021, 164, 104764.	1.4	9
3517	Bioremediation of petroleum contaminated soil through biosurfactant and Pseudomonas sp. SA3 amended design treatments. Current Research in Microbial Sciences, 2021, 2, 100031.	1.4	14
3518	Bioprospecting of endophytic bacteria from nodules and roots of Vigna radiata, Vigna unguiculata and Cajanus cajan for their potential use as bioinoculants. Plant Gene, 2021, 28, 100326.	1.4	16
3519	AsIII-oxidizing and Cd-tolerant plant growth-promoting bacteria synergistically reduce arsenic translocation, toxicity and accumulation in KDML105 rice. Environmental and Experimental Botany, 2021, 192, 104660.	2.0	14
3520	Preparation of S-iron-enriched yeast using siderophores and its effect on iron deficiency anemia in rats. Food Chemistry, 2021, 365, 130508.	4.2	14
3521	Isolation and characterization of cassava root endophytic bacteria with the ability to promote plant growth and control the in vitro and in vivo growth of Phytopythium sp.. Physiological and Molecular Plant Pathology, 2021, 116, 101709.	1.3	7
3522	Isolation and characterization of plant growth promoting rhizobacteria isolated from organically grown high yielding pole type native pea (Pisum sativum L.) variety Dentami of Sikkim, India. Current Research in Microbial Sciences, 2021, 2, 100068.	1.4	3
3523	Isolation and identification of endophytic bacteria from potato tissues and their effects as biological control agents against bacterial wilt. Physiological and Molecular Plant Pathology, 2021, 116, 101692.	1.3	17
3524	Lowered Cd toxicity, uptake and expression of metal transporter genes in maize plant by ACC deaminase-producing bacteria Achromobacter sp.. Journal of Hazardous Materials, 2022, 423, 127036.	6.5	29
3525	Characterization of bacterial communities isolated from municipal waste compost and screening of their plant-interactive phenotypes. Science of the Total Environment, 2022, 806, 150592.	3.9	4

#	Article	IF	Citations
3526	Exemplifying endophytes of banana (Musa paradisiaca) for their potential role in growth stimulation and management of Fusarium oxysporum f. sp cubense causing panama wilt. Folia Microbiologica, 2021, 66, 317-330.	1.1	6
3527	Screening for Microbial Metal-Chelating Siderophores for the Removal of Metal Ions from Solutions. Microorganisms, 2021, 9, 111.	1.6	15
3528	Functional Analysis and Genome Mining Reveal High Potential of Biocontrol and Plant Growth Promotion in Nodule-Inhabiting Bacteria Within Paenibacillus polymyxa Complex. Frontiers in Microbiology, 2020, 11, 618601.	1.5	39
3529	Multiple Plant Growth-Promotion Traits in Endophytic Bacteria Retrieved in the Vegetative Stage From Passionflower. Frontiers in Plant Science, 2020, 11, 621740.	1.7	20
3530	Plant growth promoting and antifungal asset of indigenous rhizobacteria secluded from saffron (Crocus sativus L.) rhizosphere. Microbial Pathogenesis, 2021, 150, 104734.	1.3	32
3531	Root Nodule Rhizobia From Undomesticated Shrubs of the Dry Woodlands of Southern Africa Can Nodulate Angolan Teak Pterocarpus angolensis, an Important Source of Timber. Frontiers in Microbiology, 2021, 12, 611704.	1.5	6
3532	Improved salinity tolerance of Medicago sativa and soil enzyme activities by PGPR. Biocatalysis and Agricultural Biotechnology, 2021, 31, 101914.	1.5	35
3533	Diazotrophic Bacteria Pantoea dispersa and Enterobacter asburiae Promote Sugarcane Growth by Inducing Nitrogen Uptake and Defense-Related Gene Expression. Frontiers in Microbiology, 2020, 11, 600417.	1.5	39
3535	Profiling of antimicrobial metabolites of plant growth promoting Pseudomonas spp. isolated from different plant hosts. 3 Biotech, 2021, 11, 48.	1.1	12
3536	Plant Growth-Promoting Effects of Proteus mirabilis Isolated from Tomato (Lycopersicon esculentum) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	1
3537	Isolation and characterization of arsenic-binding siderophores from Rhodococcus erythropolis S43: role of heterobactin B and other heterobactin variants. Applied Microbiology and Biotechnology, 2021, 105, 1731-1744.	1.7	11
3538	Phosphorus Nutrition and Growth of Cotton Plants Inoculated With Growth-Promoting Bacteria Under Low Phosphate Availability. Frontiers in Sustainable Food Systems, 2021, 4, .	1.8	19
3540	Convergent Synthesis of Macrocyclic and Linear Desferrioxamines. European Journal of Organic Chemistry, 2020, 2020, 3650-3659.	1.2	3
3541	Phenotypic Changes in Staphylococcal Cell Surface Characteristics Associated with Growth in Human Peritoneal Dialysis Fluid. , 1990, , 453-458.		5
3542	The Molecular Biology of Iron and Zinc Uptake in Saccharomyces cerevisiae. , 1998, , 342-371.		1
3543	Immunological Characterization of Fungal Enzymes and Biological Chelators Involved in Lignocellulose Degradation. , 1990, , 361-375.		4
3544	Siderophore Efficacy of Fluorescent Pseudomonades Affecting Labeled Iron (59Fe) Uptake by Wheat (Triticum aestivum L.) Genotypes Differing in Fe Efficiency. , 2014, , 121-132.		8
3545	Plant Growth-Promoting Rhizobacteria of Medicinal Plants in NW Himalayas: Current Status and Future Prospects. Soil Biology, 2015, , 381-412.	0.6	8

#	Article	IF	Citations
3546	Induced Systemic Resistance Could Explain the Reduction in the Incidence of Black Sigatoka (Mycosphaerella fijiensis) in Banana Plants Inoculated with Bacteria Isolated from Banana Tree Roots in the Dominican Republic. , 2016, , 155-170.		2
3547	Siderotyping and Bacterial Taxonomy: A Siderophore Bank for a Rapid Identification at the Species Level of Fluorescent and Non-Fluorescent Pseudomonas. , 2007, , 43-65.		9
3548	Siderotyping, a Tool to Characterize, Classify and Identify Fluorescent Pseudomonads. , 2007, , 67-89.		5
3549	Siderophores of Mycorrhizal Fungi: Detection, Isolation and Identification. Soil Biology, 2009, , 393-402.	0.6	3
3550	Metal-Chelating Agents from Ectomycorrhizal Fungi and Their Biotechnological Potential. Soil Biology, 2011, , 347-369.	0.6	3
3551	The Development of a Biological Control Agent against Ralstonia solanacearum Race 3 in Kenya. , 1998, , 337-342.		4
3552	Fungal Factors Implicated in Pathogenesis. , 1996, , 3-29.		5
3553	PGPR as Inoculants in Management of Lands Contaminated with Trace Elements. , 2012, , 259-277.		8
3554	Soil Rhizobacteria Regulating the Uptake of Nutrients and Undesirable Elements by Plants. , 2013, , 147-167.		34
3555	Iron in Plantâ€“Pathogen Interactions. Springer Briefs in Molecular Science, 2012, , 7-39.	0.1	23
3556	Modification of the growth and the competitiveness of a Bradyrhizobium strain obtained through affecting its siderophore-producing ability. , 1995, , 59-66.		7
3557	Iron uptake and metabolism in the rhizobia/legume symbioses. , 1991, , 239-249.		16
3558	The requirement of chrysobactin dependent iron transport for virulence incited by Erwinia chrysanthemi on Saintpaulia ionantha. , 1991, , 303-311.		2
3559	Rhizosphere interactions and siderophores. , 1991, , 263-269.		10
3560	Iron nutrition of Trichodesmium. , 1992, , 289-306.		88
3561	Drought-Tolerant Phosphorus-Solubilizing Microbes: Biodiversity and Biotechnological Applications for Alleviation of Drought Stress in Plants. Microorganisms for Sustainability, 2019, , 255-308.	0.4	76
3562	Soil: Microbial Cell Factory for Assortment with Beneficial Role in Agriculture. , 2019, , 63-92.		2
3563	Microbe-Based Novel Biostimulants for Sustainable Crop Production. , 2019, , 109-144.		10

#	Article	IF	Citations
3564	Psychrotolerant Microbes: Characterization, Conservation, Strain Improvements, Mass Production, and Commercialization. Rhizosphere Biology, 2020, , 227-246.	0.4	3
3565	Bioprospecting and Biotechnological Applications of Microbial Endophytes. Microorganisms for Sustainability, 2020, , 191-228.	0.4	6
3566	Isolation and characterization of a visibly luminous variant of Vibrio fischeri strain ES114 from the sepiolid squid Euprymna scolopes. Archives of Microbiology, 1995, 164, 194-202.	1.0	3
3567	Pseudomonas atacamensis sp. nov., isolated from the rhizosphere of desert bloom plant in the region of Atacama, Chile. Antonie Van Leeuwenhoek, 2020, 113, 1201-1211.	0.7	16
3568	Potential of common bean (Phaseolus vulgaris L.) root microbiome in the biocontrol of root rot disease and traits of performance. Journal of Plant Diseases and Protection, 2020, 127, 453-462.	1.6	26
3569	Siderophore production by Salmonella species isolated from different sources. FEMS Microbiology Letters, 1991, 63, 225-31.	0.7	9
3570	Rhizoferrin: a complexone type siderophore of the Mucorales and entomophthorales (Zygomycetes). FEMS Microbiology Letters, 1992, 73, 37-41.	0.7	46
3571	OVERVIEW OF BACTERIAL IRON TRANSPORT AND SIDEROPHORE SYSTEMS IN RHIZOBIA. , 1993, , 179-195.		4
3572	ROLE OF IRON IN FUNGAL PHYTOPATHOLOGIES. , 1993, , 251-267.		3
3573	ASSAYS FOR MICROBIAL SIDEROPHORES. , 1993, , 399-417.		4
3574	Cultivation dependent formation of siderophores by Gordonia rubripertincta CWB2. Microbiological Research, 2020, 238, 126481.	2.5	15
3575	Seed inhabiting bacterial endophytes of finger millet (Eleusine coracana L.) promote seedling growth and development, and protect from fungal disease. South African Journal of Botany, 2020, 134, 91-98.	1.2	16
3576	Isolation, Characterization, and Synthesis of Chrysobactin, a Compound with sIderophore Activity from Erwinia chrysanthemi. Journal of Biological Chemistry, 1989, 264, 3187-3193.	1.6	105
3577	Regulation of iron uptake in Saccharomyces cerevisiae. The ferrireductase and Fe(II) transporter are regulated independently.. Journal of Biological Chemistry, 1992, 267, 20774-20781.	1.6	160
3578	The in vitro Conversion of Chorismate to Isochorismate Catalyzed by the Escherichia coli entC Gene Product. Journal of Biological Chemistry, 1989, 264, 20547-20551.	1.6	23
3579	BIOCHEMICAL CHARACTERISTICS, SEROGROUPS, AND VIRULENCE FACTORS OF AEROMONAS SPECIES ISOLATED FROM CASES OF DIARRHOEA AND DOMESTIC WATER SAMPLES IN CHENNAI. Indian Journal of Medical Microbiology, 2003, 21, 233-238.	0.3	30
3580	Rhizobacteria AK1 remediates the toxic effects of salinity stress via regulation of endogenous phytohormones and gene expression in soybean. Biochemical Journal, 2019, 476, 2393-2409.	1.7	36
3581	A promising growth promoting Meyerozyma caribbica from Solanum xanthocarpum alleviated stress in maize plants. Bioscience Reports, 2019, 39, .	1.1	22

#	Article	IF	Citations
3583	Virulence factors ofVibrioP1, the causative agent of brown ring disease in the Manila clam,Ruditapes philippinarum. Aquatic Living Resources, 1996, 9, 125-136.	0.5	36
3584	Associative diazotrophic bacteria from forage grasses in the Brazilian semi-arid region are effective plant growth promoters. Crop and Pasture Science, 2019, 70, 899.	0.7	14
3585	Novel, simple and inexpensive programmed lab experiments to evaluate the biocontrol activity of rhizobacteria on fungal phytopathogens. Journal of Biological Education, 2022, 56, 581-597.	0.8	3
3586	Regulators Involved inDickeya solaniVirulence, Genetic Conservation and Functional Variability. Molecular Plant-Microbe Interactions, 2015, 2015, 5-16.	1.4	1
3587	Adaptation to public goods cheats in Pseudomonas aeruginosa. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171089.	1.2	48
3588	The entD Gene of the Escherichia coli K12 Enterobactin Gene Cluster. Microbiology (United Kingdom), 1989, 135, 3043-3055.	0.7	15
3589	Increased dosage of a transcriptional activator gene enhances iron-limited growth of Saccharomyces cerevisiae. Journal of General Microbiology, 1992, 138, 347-354.	2.3	69
3590	A factor produced by Escherichia coli K-12 inhibits the growth of E. coli mutants defective in the cytochrome bd quinol oxidase complex: enterochelin rediscovered. Microbiology (United Kingdom), 1998, 144, 3297-3308.	0.7	29
3591	Mutational analysis of the Paracoccus denitrificans c-type cytochrome biosynthetic genes ccmABCDG: disruption of ccmC has distinct effects suggesting a role for CcmC independent of CcmAB The GenBank accession number for the sequence determined in this work is Z71971.. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	23
3592	Vanadium interferes with siderophore-mediated iron uptake in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2000, 146, 2425-2434.	0.7	97
3593	Analysis of the Rhizobium leguminosarum siderophore-uptake gene fhuA: differential expression in free-living bacteria and nitrogen-fixing bacteroids and distribution of an fhuA pseudogene in different strains The GenBank/EMBL/DDBJ accession number for the sequence determined in this work is AJ238208.. Microbiology (United Kingdom), 2000, 146, 829-837.	0.7	32
3594	Characterization of a tonB mutation in Erwinia chrysanthemi 3937: TonB Ech is a member of the enterobacterial TonB family The GenBank accession number for the sequence reported in this paper is Y15888.. Microbiology (United Kingdom), 2000, 146, 2051-2058.	0.7	18
3595	Functional analysis of yersiniabactin transport genes of Yersinia enterocolitica. Microbiology (United Kingdom), 2001, 147, 1115-1127.	0.7	53
3596	The Burkholderia cepacia fur gene: co-localization with omlA and absence of regulation by iron The GenBank accession numbers for the sequences reported in this paper are AF317836 and AF153356.. Microbiology (United Kingdom), 2001, 147, 1303-1314.	0.7	25
3597	Expression of Streptococcus mutans fimA is iron-responsive and regulated by a DtxR homologue. Microbiology (United Kingdom), 2001, 147, 1599-1610.	0.7	39
3598	Plasmid associated virulence properties of environmental isolates of Aeromonas hydrophila. Journal of Medical Microbiology, 1991, 35, 264-269.	0.7	21
3599	Massilia arvi sp. nov., isolated from fallow-land soil previously cultivated with Brassica oleracea, and emended description of the genus Massilia. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3690-3696.	0.8	28
3600	Labrys soli sp. nov., isolated from the rhizosphere of ginseng. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3913-3919.	0.8	10

#	Article	IF	Citations
3601	Duganella ginsengisoli sp. nov., isolated from ginseng soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 56-61.	0.8	19
3602	Burkholderia jirisanensis sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1260-1267.	0.8	10
3603	Paenibacillus arachidis sp. nov., isolated from groundnut seeds. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2923-2928.	0.8	11
3604	Streptomyces pini sp. nov., an actinomycete isolated from phylloplane of pine (Pinus sylvestris L.) needle-like leaves. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4204-4210.	0.8	14
3605	Paenibacillus sinopodophylli sp. nov., a siderophore-producing endophytic bacterium isolated from roots of Sinopodophyllum hexandrum (Royle) Ying. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4993-4999.	0.8	15
3606	Phycicoccus ginsengisoli sp. nov., isolated from cultivated ginseng soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5320-5327.	0.8	11
3607	Ancylobacter sonchi sp. nov., a novel methylotrophic bacterium frÐ¾m roots of Sonchus arvensis L.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4552-4558.	0.8	11
3608	Preterm infants harbour diverse Klebsiella populations, including atypical species that encode and produce an array of antimicrobial resistance- and virulence-associated factors. Microbial Genomics, 2020, 6, .	1.0	35
3609	Fe2+ chelator proferrorosamine A: a gene cluster of Erwinia rhapontici P45 involved in its synthesis and its impact on growth of Erwinia amylovora CFBP1430. Microbiology (United Kingdom), 2016, 162, 236-245.	0.7	7
3610	High intracellular c-di-GMP levels antagonize quorum sensing and virulence gene expression in Burkholderia cenocepacia H111. Microbiology (United Kingdom), 2017, 163, 754-764.	0.7	34
3611	Stenotrophomonas maltophilia produces an EntC-dependent catecholate siderophore that is distinct from enterobactin. Microbiology (United Kingdom), 2017, 163, 1590-1603.	0.7	27
3612	Lack of glyoxylate shunt dysregulates iron homeostasis in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2018, 164, 587-599.	0.7	24
3613	Broad-spectrum antimicrobial activity by Burkholderia cenocepacia TAtl-371, a strain isolated from the tomato rhizosphere. Microbiology (United Kingdom), 2018, 164, 1072-1086.	0.7	24
3614	Role of the phosphopantetheinyltransferase enzyme, PswP, in the biosynthesis of antimicrobial secondary metabolites by Serratia marcescens Db10. Microbiology (United Kingdom), 2014, 160, 1609-1617.	0.7	20
3615	Identification of amino acid residues required for ferric-anguibactin transport in the outer-membrane receptor FatA of Vibrio anguillarum. Microbiology (United Kingdom), 2007, 153, 570-584.	0.7	16
3616	Co-ordination of iron acquisition, iron porphyrin chelation and ironâ€“protoporphyrin export via the cytochrome c biogenesis protein CcmC in Pseudomonas fluorescens. Microbiology (United Kingdom), 2003, 149, 3543-3552.	0.7	20
3621	High affinity iron-uptake systems in Vibrio damsela: role in the acquisition of iron from transferrin. Journal of Applied Microbiology, 1997, 82, 157-167.	1.4	27
3622	INFLUENCE OF IRON LIMITATION AND NITROGEN SOURCE ON GROWTH AND SIDEROPHORE PRODUCTION BY CYANOBACTERIA. Journal of Phycology, 1988, 24, 566-571.	1.0	56

#	Article	IF	Citations
3623	Iron-Dependent Production of Hydroxamate by Sodium-Dependent Azotobacter chroococcum. Applied and Environmental Microbiology, 1987, 53, 1418-1424.	1.4	33
3624	Iron-Binding Compounds Produced by Wood-Decaying Basidiomycetes. Applied and Environmental Microbiology, 1989, 55, 2720-2722.	1.4	81
3625	Isolation and Preliminary Characterization of Hydroxamic Acids Formed by Nitrogen-Fixing Azotobacter chroococcum B-8. Applied and Environmental Microbiology, 1989, 55, 298-305.	1.4	14
3626	Use of the Chrome Azurol S Agar Plate Technique To Differentiate Strains and Field Isolates of Rhizobium leguminosarum biovar trifolii. Applied and Environmental Microbiology, 1989, 55, 707-710.	1.4	32
3627	Physiological and Morphological Changes Induced by Nutrient Limitation of Pseudomonas fluorescens 378 in Continuous Culture. Applied and Environmental Microbiology, 1990, 56, 686-692.	1.4	28
3628	Identification of an additional ferric-siderophore uptake gene clustered with receptor, biosynthesis, and fur-like regulatory genes in fluorescent Pseudomonas sp. strain M114. Applied and Environmental Microbiology, 1990, 56, 2056-2064.	1.4	22
3629	Iron-binding compounds and related outer membrane proteins in Vibrio cholerae non-O1 strains from aquatic environments. Applied and Environmental Microbiology, 1990, 56, 2410-2416.	1.4	30
3630	Distribution of plasmid- and chromosome-mediated iron uptake systems in Vibrio anguillarum strains of different origins. Applied and Environmental Microbiology, 1991, 57, 2956-2962.	1.4	44
3631	Relative importance of fluorescent siderophores and other factors in biological control of Gaeumannomyces graminis var. tritici by Pseudomonas fluorescens 2-79 and M4-80R. Applied and Environmental Microbiology, 1991, 57, 3270-3277.	1.4	135
3632	Characterization of Tn 5 -Induced Mutants of Xenorhabdus nematophilus ATCC 19061. Applied and Environmental Microbiology, 1991, 57, 1173-1180.	1.4	32
3633	The Fe 2+ Chelator Proferrorosamine A Is Essential for the Siderophore-Mediated Uptake of Iron by Pseudomonas roseus fluorescens. Applied and Environmental Microbiology, 1991, 57, 949-954.	1.4	29
3634	Production of the siderophore aerobactin by a halophilic pseudomonad. Applied and Environmental Microbiology, 1991, 57, 2246-2250.	1.4	25
3635	Differential Siderophore Utilization and Iron Uptake by Soil and Rhizosphere Bacteria. Applied and Environmental Microbiology, 1992, 58, 119-124.	1.4	80
3636	Characterization of lactoferrin binding by Aeromonas hydrophila. Applied and Environmental Microbiology, 1992, 58, 42-47.	1.4	12
3637	Characterization of Fluorescent Siderophore-Mediated Iron Uptake in Pseudomonas sp. Strain M114: Evidence for the Existence of an Additional Ferric Siderophore Receptor. Applied and Environmental Microbiology, 1992, 58, 630-635.	1.4	22
3638	Cloning and Characterization of Aerobactin Biosynthesis Genes of the Biological Control Agent Enterobacter cloacae. Applied and Environmental Microbiology, 1993, 59, 4189-4197.	1.4	20
3639	Inhibitory effect against pathogenic and spoilage bacteria of Pseudomonas strains isolated from spoiled and fresh fish. Applied and Environmental Microbiology, 1993, 59, 2197-2203.	1.4	83
3640	Enzymatic determination of itoic acid, a Bacillus subtilis siderophore, and 2,3-dihydroxybenzoic acid. Applied and Environmental Microbiology, 1993, 59, 2343-2345.	1.4	16

#	Article	IF	Citations
3641	Electroporation of Alcaligenes eutrophus with (mega) plasmids and genomic DNA fragments. Applied and Environmental Microbiology, 1994, 60, 3585-3591.	1.4	54
3642	Two Genomic Regions Involved in Catechol Siderophore Production by Erwinia carotovora. Applied and Environmental Microbiology, 1994, 60, 662-669.	1.4	11
3643	Siderophore-Mediated Iron Sequestering by Shewanella putrefaciens. Applied and Environmental Microbiology, 1994, 60, 2132-2136.	1.4	28
3644	Iron uptake by Pasteurella piscicida and its role in pathogenicity for fish. Applied and Environmental Microbiology, 1994, 60, 2990-2998.	1.4	84
3645	Localization and Characterization of the Carbon Tetrachloride Transformation Activity of Pseudomonas sp. Strain KC. Applied and Environmental Microbiology, 1995, 61, 758-762.	1.4	52
3646	Oligotrophic Bacteria Enhance Algal Growth under Iron-Deficient Conditions. Applied and Environmental Microbiology, 1995, 61, 2439-2441.	1.4	75
3647	Expression of virulence-related properties by, and intestinal adhesiveness of, Vibrio mimicus strains isolated from aquatic environments. Applied and Environmental Microbiology, 1996, 62, 3871-3874.	1.4	25
3648	Siderophore-Mediated Aluminum Uptake by Bacillus megaterium ATCC 19213. Applied and Environmental Microbiology, 1996, 62, 4044-4048.	1.4	96
3649	Growth of Actinobacillus pleuropneumoniae is promoted by exogenous hydroxamate and catechol siderophores. Applied and Environmental Microbiology, 1996, 62, 853-859.	1.4	26
3650	Involvement of Pyochelin and Pyoverdin in Suppression of Pythium-Induced Damping-Off of Tomato by Pseudomonas aeruginosa 7NSK2. Applied and Environmental Microbiology, 1996, 62, 865-871.	1.4	230
3651	Phenotypic characterization of Vibrio vulnificus biotype 2, a lipopolysaccharide-based homogeneous O serogroup within Vibrio vulnificus. Applied and Environmental Microbiology, 1996, 62, 918-927.	1.4	108
3652	Siderophore-mediated iron acquisition mechanisms in Vibrio vulnificus biotype 2. Applied and Environmental Microbiology, 1996, 62, 928-935.	1.4	42
3653	Utilization of hemin and hemoglobin by Vibrio vulnificus biotype 2. Applied and Environmental Microbiology, 1996, 62, 2806-2810.	1.4	31
3654	Vibrio sp. strain NM 10, isolated from the intestine of a Japanese coastal fish, has an inhibitory effect against Pasteurella piscicida. Applied and Environmental Microbiology, 1997, 63, 4986-4989.	1.4	70
3655	The Cytochrome c Maturation Operon Is Involved in Manganese Oxidation in Pseudomonas putida GB-1. Applied and Environmental Microbiology, 1998, 64, 3556-3562.	1.4	55
3656	A Plant Growth-Promoting Bacterium That Decreases Nickel Toxicity in Seedlings. Applied and Environmental Microbiology, 1998, 64, 3663-3668.	1.4	419
3657	Pathogenicity of Vibrio alginolyticus for Cultured Gilt-Head Sea Bream (Sparus aurata) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	185
3658	Utilization of Heterologous Siderophores Enhances Levels of Iron Available to Pseudomonas putida in the Rhizosphere. Applied and Environmental Microbiology, 1999, 65, 5357-5363.	1.4	235

#	Article	IF	Citations
3659	Contribution of Active Iron Uptake to Acinetobacter baumannii Pathogenicity. Infection and Immunity, 2019, 87, .	1.0	64
3660	Virulence properties and enterotoxin production of Aeromonas strains isolated from fish. Infection and Immunity, 1988, 56, 3285-3293.	1.0	137
3661	Iron acquisition by Haemophilus influenzae. Infection and Immunity, 1988, 56, 721-725.	1.0	112
3662	Iron acquisition in Pasteurella haemolytica: expression and identification of a bovine-specific transferrin receptor. Infection and Immunity, 1990, 58, 2091-2097.	1.0	117
3663	Siderophore presence in sputa of cystic fibrosis patients. Infection and Immunity, 1991, 59, 3997-4000.	1.0	86
3664	Siderophore production by Pseudomonas pseudomallei. Infection and Immunity, 1991, 59, 776-780.	1.0	69
3665	Iron-dependent regulation of diphtheria toxin and siderophore expression by the cloned Corynebacterium diphtheriae repressor gene dtxR in C. diphtheriae C7 strains. Infection and Immunity, 1991, 59, 1899-1904.	1.0	182
3666	Iron uptake in Plesiomonas shigelloides: cloning of the genes for the heme-iron uptake system. Infection and Immunity, 1991, 59, 2706-2711.	1.0	96
3667	Relative availability of transferrin-bound iron and cell-derived iron to aerobactin-producing and enterochelin-producing strains of Escherichia coli and to other microorganisms. Infection and Immunity, 1991, 59, 3185-3190.	1.0	55
3668	Siderophore production and membrane alterations by Bordetella pertussis in response to iron starvation. Infection and Immunity, 1992, 60, 117-123.	1.0	43
3669	Activity and specificity of a mouse monoclonal antibody to ferric aerobactin. Infection and Immunity, 1992, 60, 768-772.	1.0	10
3670	Effects of iron limitation on production of a siderophore, outer membrane proteins, and hemolysin and on hydrophobicity, cell adherence, and lethality for mice of Vibrio parahaemolyticus. Infection and Immunity, 1992, 60, 2952-2956.	1.0	58
3671	Hemin utilization is related to virulence of Streptococcus pneumoniae. Infection and Immunity, 1993, 61, 5401-5405.	1.0	103
3672	Iron acquisition by Helicobacter pylori: importance of human lactoferrin. Infection and Immunity, 1993, 61, 2694-2697.	1.0	130
3673	A siderophore production mutant of Bordetella bronchiseptica cannot use lactoferrin as an iron source. Infection and Immunity, 1993, 61, 2698-2702.	1.0	19
3674	Growth of Moraxella catarrhalis with human transferrin and lactoferrin: expression of iron-repressible proteins without siderophore production. Infection and Immunity, 1994, 62, 4909-4914.	1.0	70
3675	Role of iron, capsule, and toxins in the pathogenicity of Vibrio vulnificus biotype 2 for mice. Infection and Immunity, 1994, 62, 759-763.	1.0	102
3676	Staphylococcal iron requirements, siderophore production, and iron-regulated protein expression. Infection and Immunity, 1994, 62, 2309-2314.	1.0	48

#	Article	IF	Citations
3677	Characterization of an iron-dependent regulatory protein (IdeR) of Mycobacterium tuberculosis as a functional homolog of the diphtheria toxin repressor (DtxR) from Corynebacterium diphtheriae. Infection and Immunity, 1995, 63, 4284-4289.	1.0	146
3678	Absence of siderophore-like activity in Legionella pneumophila supernatants. Infection and Immunity, 1996, 64, 1873-1875.	1.0	19
3679	Siderophore production by Staphylococcus aureus and identification of iron-regulated proteins. Infection and Immunity, 1997, 65, 1944-1948.	1.0	80
3680	Acquisition of Iron byGardnerella vaginalis. Infection and Immunity, 1998, 66, 5041-5047.	1.0	51
3681	Siderophore Production by Cystic Fibrosis Isolates of Burkholderia cepacia. Infection and Immunity, 1998, 66, 874-877.	1.0	154
3682	Receptor-Mediated Recognition and Uptake of Iron from Human Transferrin by Staphylococcus aureus and Staphylococcus epidermidis. Infection and Immunity, 1998, 66, 3591-3596.	1.0	57
3683	Iron Starvation of Bordetella avium Stimulates Expression of Five Outer Membrane Proteins and Regulates a Gene Involved in Acquiring Iron from Serum. Infection and Immunity, 1998, 66, 3597-3605.	1.0	12
3684	Common and Specific Characteristics of the High-Pathogenicity Island of Yersinia enterocolitica. Infection and Immunity, 1999, 67, 5265-5274.	1.0	82
3685	Identification of Genes in an Extraintestinal Isolate of Escherichia coli with Increased Expression after Exposure to Human Urine. Infection and Immunity, 1999, 67, 5306-5314.	1.0	99
3686	Binding and Utilization of Human Transferrin by Prevotella nigrescens. Infection and Immunity, 1999, 67, 576-580.	1.0	22
3687	The Siderophore 2,3-Dihydroxybenzoic Acid Is Not Required for Virulence of Brucella abortus in BALB/c Mice. Infection and Immunity, 1999, 67, 2615-2618.	1.0	46
3688	Role of Ornibactin Biosynthesis in the Virulence of Burkholderia cepacia : Characterization of pvdA , the Gene Encoding <scp>l</scp> -Ornithine N ⁵ -Oxygenase. Infection and Immunity, 1999, 67, 4443-4455.	1.0	127
3689	Analysis of the Exochelin Locus in Mycobacterium smegmatis : Biosynthesis Genes Have Homology with Genes of the Peptide Synthetase Family. Journal of Bacteriology, 1998, 180, 4676-4685.	1.0	55
3690	Transcriptional Analysis of the Bordetella Alcaligin Siderophore Biosynthesis Operon. Journal of Bacteriology, 1998, 180, 855-861.	1.0	23
3691	Identification and Characterization of alcR , a Gene Encoding an AraC-Like Regulator of Alcaligin Siderophore Biosynthesis and Transport in Bordetella pertussis and Bordetella bronchiseptica. Journal of Bacteriology, 1998, 180, 862-870.	1.0	44
3692	Identification of AlcR, an AraC-Type Regulator of Alcaligin Siderophore Synthesis in Bordetella bronchiseptica and Bordetella pertussis. Journal of Bacteriology, 1998, 180, 871-880.	1.0	44
3693	Insertional Inactivation of Genes Encoding the Crystalline Inclusion Proteins of Photorhabdus luminescens Results in Mutants with Pleiotropic Phenotypes. Journal of Bacteriology, 1998, 180, 1261-1269.	1.0	63
3694	Salmonella typhimurium IroN and FepA Proteins Mediate Uptake of Enterobactin but Differ in Their Specificity for Other Siderophores. Journal of Bacteriology, 1999, 181, 3610-3612.	1.0	70

#	Article	IF	Citations
3695	Essential Role of the Iron-Regulated Outer Membrane Receptor FauA in Alcaligin Siderophore-Mediated Iron Uptake in Bordetella Species. Journal of Bacteriology, 1999, 181, 5958-5966.	1.0	58
3696	Molecular Characterization ofeutFMutants ofSalmonella typhimuriumLT2 IdentifieseutFLesions as Partial-Loss-of-FunctiontonBAlleles. Journal of Bacteriology, 1999, 181, 368-374.	1.0	6
3697	Ferric Enterochelin Transport in Yersinia enterocolitica : Molecular and Evolutionary Aspects. Journal of Bacteriology, 1999, 181, 6387-6395.	1.0	67
3698	Quorum Sensing in Burkholderia cepacia : Identification of the LuxRI Homologs CepRI. Journal of Bacteriology, 1999, 181, 748-756.	1.0	304
3699	Identification and Characterization of SirA, an Iron-Regulated Protein from Staphylococcus aureus. Journal of Bacteriology, 1999, 181, 1436-1443.	1.0	63
3700	Laboratory investigations on the low pathogenic potential of Plesiomonas shigelloides. Journal of Clinical Microbiology, 1991, 29, 148-153.	1.8	68
3701	Use of a siderophore detection medium, ethylene glycol degradation, and beta-galactosidase activity in the early presumptive differentiation of Nocardia, Rhodococcus, Streptomyces, and rapidly growing Mycobacterium species. Journal of Clinical Microbiology, 1991, 29, 1533-1535.	1.8	13
3702	Siderophore production and DNA hybridization groups of Aeromonas spp. Journal of Clinical Microbiology, 1992, 30, 619-622.	1.8	22
3703	Effect of iron-limiting conditions on growth of clinical isolates of Acinetobacter baumannii. Journal of Clinical Microbiology, 1993, 31, 2812-2815.	1.8	44
3704	Comparison of siderophore production and utilization in pathogenic and environmental isolates of Yersinia enterocolitica. Journal of Clinical Microbiology, 1994, 32, 32-39.	1.8	37
3705	Isolation of an asporogenic (spoOA) protective antigen-producing strain of Bacillus anthracis. Canadian Journal of Microbiology, 1999, 45, 1-8.	0.8	33
3706	Genetic, physiological and biochemical characterization of Bacillus sp . strain RMB7 exhibiting plant growth promoting and broad spectrum antifungal activities. Microbial Cell Factories, 2014, 13, 144.	1.9	16
3707	Pseudomonas species isolated via high-throughput screening significantly protect cotton plants against verticillium wilt. AMB Express, 2020, 10, 193.	1.4	24
3708	Approving the biocontrol method of potato wilt caused by Ralstonia solanacearum (Smith) using Enterobacter cloacae PS14 and Trichoderma asperellum T34. Egyptian Journal of Biological Pest Control, 2020, 30, .	0.8	44
3710	Isolation and Characterization of Abiotic Stress Tolerant Plant Growth Promoting Bacillus Spp. from Different Rhizospheric Soils of Telangana. Biosciences, Biotechnology Research Asia, 2018, 15, 485-494.	0.2	10
3711	Isolation and Assessment of Metabolic Potentials of Bacteria Endophytic to Carnivorous Plants Drosera burmannii and Utricularia spp.. Biosciences, Biotechnology Research Asia, 2019, 16, 731-741.	0.2	1
3712	Transcriptional and Proteomic Analysis of the Aspergillus fumigatus Î”prtT Protease-Deficient Mutant. PLoS ONE, 2012, 7, e33604.	1.1	29
3713	The Acinetobacter baumannii entA Gene Located Outside the Acinetobactin Cluster Is Critical for Siderophore Production, Iron Acquisition and Virulence. PLoS ONE, 2012, 7, e36493.	1.1	83

#	Article	IF	Citations
3714	A Drought Resistance-Promoting Microbiome Is Selected by Root System under Desert Farming. PLoS ONE, 2012, 7, e48479.	1.1	400
3715	The Extra-Cytoplasmic Function Sigma Factor SigX Modulates Biofilm and Virulence-Related Properties in Pseudomonas aeruginosa. PLoS ONE, 2013, 8, e80407.	1.1	60
3716	Proteomic Profiling of Burkholderia cenocepacia Clonal Isolates with Different Virulence Potential Retrieved from a Cystic Fibrosis Patient during Chronic Lung Infection. PLoS ONE, 2013, 8, e83065.	1.1	34
3717	The Reduced Genome of the Francisella tularensis Live Vaccine Strain (LVS) Encodes Two Iron Acquisition Systems Essential for Optimal Growth and Virulence. PLoS ONE, 2014, 9, e93558.	1.1	25
3718	Protein as Chemical Cue: Non-Nutritional Growth Enhancement by Exogenous Protein in Pseudomonas putida KT2440. PLoS ONE, 2014, 9, e103730.	1.1	4
3719	Diversity, Metabolic Properties and Arsenic Mobilization Potential of Indigenous Bacteria in Arsenic Contaminated Groundwater of West Bengal, India. PLoS ONE, 2015, 10, e0118735.	1.1	85
3720	Dual Action of Myricetin on Porphyromonas gingivalis and the Inflammatory Response of Host Cells: A Promising Therapeutic Molecule for Periodontal Diseases. PLoS ONE, 2015, 10, e0131758.	1.1	35
3721	In Vitro and In Vivo Plant Growth Promoting Activities and DNA Fingerprinting of Antagonistic Endophytic Actinomycetes Associates with Medicinal Plants. PLoS ONE, 2015, 10, e0139468.	1.1	134
3722	Pseudomonas aeruginosa RRALC3 Enhances the Biomass, Nutrient and Carbon Contents of Pongamia pinnata Seedlings in Degraded Forest Soil. PLoS ONE, 2015, 10, e0139881.	1.1	36
3723	Arthrobacter pokkalii sp nov, a Novel Plant Associated Actinobacterium with Plant Beneficial Properties, Isolated from Saline Tolerant Pokkali Rice, Kerala, India. PLoS ONE, 2016, 11, e0150322.	1.1	42
3724	The Multifarious PGPR Serratia marcescens CDP-13 Augments Induced Systemic Resistance and Enhanced Salinity Tolerance of Wheat (Triticum aestivum L.). PLoS ONE, 2016, 11, e0155026.	1.1	208
3725	Gut Microbiota Conversion of Dietary Ellagic Acid into Bioactive Phytoceutical Urolithin A Inhibits Heme Peroxidases. PLoS ONE, 2016, 11, e0156811.	1.1	99
3726	The Bacterial Signature of Leptospermum scoparium (MÄnuka) Reveals Core and Accessory Communities with Bioactive Properties. PLoS ONE, 2016, 11, e0163717.	1.1	25
3727	Evaluation of Escherichia coli isolates from healthy chickens to determine their potential risk to poultry and human health. PLoS ONE, 2017, 12, e0180599.	1.1	113
3728	Evaluation of the biocontrol efficacy of a Serratia marcescens strain indigenous to tea rhizosphere for the management of root rot disease in tea. PLoS ONE, 2018, 13, e0191761.	1.1	71
3729	Co-regulation of Iron Metabolism and Virulence Associated Functions by Iron and XibR, a Novel Iron Binding Transcription Factor, in the Plant Pathogen Xanthomonas. PLoS Pathogens, 2016, 12, e1006019.	2.1	64
3730	Uranium (VI) Complexation with Siderophores-pyoverdine Produced by Pseudomonas Fluorescens SHA 281. International Journal of Nuclear Energy Science and Engineering, 2013, 3, 95.	0.5	3
3732	Role of Acinetobacter sp. CS9 in Improving Growth and Phytoremediation Potential of Catharanthus longifolius under Cadmium Stress. Polish Journal of Environmental Studies, 2018, 28, 435-443.	0.6	22

#	Article	IF	Citations
3733	Endophytes from Medicinal Plants as Biocontrol Agents against Fusarium Caused Diseases. MikrobiolohichnyÄ-Zhurnal, 2020, 82, 41-52.	0.2	2
3734	ISOLATION AND IDENTIFICATION OF RHIZOBACTERIA FROM MAIZE (ZEA MAYS L.) IN LUVISOLS AND DOCUMENTATION THEIR PLANT GROWTH PROMOTING TRAITS. Journal of Microbiology, Biotechnology and Food Sciences, 2020, 10, 505-510.	0.4	5
3735	Production and Optimization of Fe (III) Specific Ligand, the SiderophoreÂ of Soil Inhabiting and Wood Rotting Fungi as Deterrent to Plant Pathogens. Acta Phytopathologica Et Entomologica Hungarica, 2006, 41, 237-248.	0.1	27
3736	Isolation and selection of endophytic spore-forming bacteria with plant growth promoting properties isolated from Ilex paraguariensis St. Hil. (yerba mate). Anais Da Academia Brasileira De Ciencias, 2020, 92, e20181381.	0.3	10
3737	Occurrence of plant growth-promoting traits in clover-nodulating rhizobia strains isolated from different soils in Rio Grande do Sul state. Revista Brasileira De Ciencia Do Solo, 2009, 33, 1227-1235.	0.5	28
3738	Potencialidade antagonÃstica detectada em alguns procariotas agentes de biocontrole de enfermidades de plantas. Summa Phytopathologica, 2008, 34, 121-126.	0.3	8
3739	Specific amplification of iron receptor genes in Xylella fastidiosa strains from different hosts. Genetics and Molecular Biology, 2006, 29, 137-141.	0.6	5
3740	Genetic diversity of siderophore-producing bacteria of tobacco rhizosphere. Brazilian Journal of Microbiology, 2009, 40, 276-84.	0.8	31
3741	Biological control of potato black scurf by rhizosphere associated bacteria. Brazilian Journal of Microbiology, 2010, 41, 439-51.	0.8	10
3742	Identification and characterization of the endophytic plant growth prompter Bacillus Cereus strain mq23 isolated from Sophora Alopecuroides root nodules. Brazilian Journal of Microbiology, 2011, 42, 567-75.	0.8	25
3743	Characterization of plant growth-promoting bacteria inhabiting Vriesea gigantea Gaud. and Tillandsia aeranthos (Loiseleur) L.B. Smith (Bromeliaceae). Biota Neotropica, 2013, 13, 80-85.	1.0	12
3744	Studies on endophytic Burkholderia sp. from sugarcane and its screening for plant growth promoting potential. Journal of Experimental Biology and Agricultural Sciences, 2017, 5, 242-257.	0.1	6
3745	Isolation and characterization of plant growth promoting potential of Acinetobacter sp. RSC7 isolated from Saccharum officinarum cultivar Co 671. Journal of Experimental Biology and Agricultural Sciences, 2017, 5, 483-491.	0.1	15
3746	Prevalence and Characterization of Plant Growth Promoting Mechanisms of Endophytic and Epiphytic Bacterial Species Isolated from Almond Trees Growing in DiyarbakÄ±r Province of Turkey. KahramanmaraÅŸ SÃ¼tÃ§Ã¼ Ä°mam Ãœniversitesi TarÄ±m Ve DoÄŸa Dergisi, 2020, 23, 641-654.	0.2	22
3747	Sodium-resistant plant growth-promoting rhizobacteria isolated from a halophyte, Salsola grandis, in saline-alkaline soils of Turkey. Eurasian Journal of Soil Science, 2017, 6, 216-216.	0.2	7
3748	Lipocalin 2 regulates intestine bacterial survival by interplaying with siderophore in a weaned piglet model of Escherichia coli infection. Oncotarget, 2017, 8, 65386-65396.	0.8	16
3749	Effects of Irradiated Carriers, Storage Temperatures, on Rhizobium Bioinoculant at Different Intervals. International Journal of Pure & Applied Bioscience, 2017, 5, 1240-1246.	0.1	1
3750	Fungal Siderophores Production in Vitro as Affected by Some Abiotic Factors. International Journal of Current Microbiology and Applied Sciences, 2016, 5, 210-222.	0.0	5

#	Article	IF	Citations
3751	Isolation and Characterization of Plant Growth Promoting Bacteria containing ACC Deaminase from Soil Collected from Central Himalayan Region of Uttarakhand, India. International Journal of Current Microbiology and Applied Sciences, 2016, 5, 436-445.	0.0	4
3752	Isolation of Nodule Bacteria from Aeschynomene indica and Screening of its Efficiency on PHB Production. International Journal of Current Microbiology and Applied Sciences, 2016, 5, 791-801.	0.0	1
3753	Inside the Plants: Endophytic Bacteria and their Functional Attributes for Plant Growth Promotion. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 11-21.	0.0	29
3754	Characterization of Siderophore Producing Rhizobacteria and Its Effect on Growth Performance of Different Vegetables. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 1398-1405.	0.0	37
3755	Blast of Rice in Manipur and its Biocontrol by Pseudomonas fluorescens and Trichoderma sp.. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 1619-1634.	0.0	7
3756	Screening of Native Rhizobia and Pseudomonas Strains for Plant Growth Promoting Activities. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 616-625.	0.0	14
3757	Evaluate the Shelf Life of Rhizobium Carrier Based Biofertilizer Stored at Different Temperatures at Different Intervals. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 753-759.	0.0	5
3758	Isolation and Screening of Bacterial and Fungal Isolates for Plant Growth Promoting Properties from Tomato (Lycopersicon esculentum Mill.). International Journal of Current Microbiology and Applied Sciences, 2017, 6, 753-761.	0.0	9
3759	Phytohormones Production and Phosphate Solubilization Capacities of Fluorescent Pseudomonas sp. Isolated from Shimla Dist. of Himachal Pradesh. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 2447-2454.	0.0	5
3760	Bioprospecting Potential of Endophytic Bacteria from Leaves of Gossypium hirsutum. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 1718-1730.	0.0	4
3761	Screening of Maize Rhizosperic Phosphate Solubilizing Isolates for Plant Growth Promoting Characteristics. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 2090-2101.	0.0	12
3762	Isolation and Characterization of Tomato Leaf Phyllosphere Methylobacterium and Their Effect on Plant Growth. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 2121-2136.	0.0	21
3763	Plant Growth Promoting Traits Exhibited by Metal Tolerant Bacterial Isolates of Industrial Effluent. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 3458-3471.	0.0	3
3764	Exploitation of Multifarious Abiotic Stresses, Antagonistic Activity and Plant Growth Promoting Attributes of Bacillus amyloliquefaciens AH53 for Sustainable Agriculture Production. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 751-763.	0.0	12
3765	Establishment and Functionality of Diverse Endophytic Bacteria from Different Hosts in Chickpea and Wheat Microbiome. International Journal of Current Microbiology and Applied Sciences, 2019, 8, 2273-2286.	0.0	2
3766	Siderophoregenic Acinetobacter calcoaceticus isolated from wheat rhizosphere with strong PGPR activity. Malaysian Journal of Microbiology, 2009, , .	0.1	11
3768	Biological Control of Tomato Bacterial Wilt Disease by Endophytic Pseudomonas fluorescens and Bacillus subtilis. Egyptian Journal of Botany, 2017, 56, 543-558.	0.1	4
3769	ROLE OF ENDOPHYTIC PSEUDOMONAS AS PLANT GROWTH PROMOTERS UNDER DESERT CONDITION. Egyptian Journal of Desert Research, 2016, 66, 305-326.	0.1	2

#	Article	IF	Citations
3770	DETECTION, PURIFICATION, AND IDENTIFICATION OF SIDEROPHORES PRODUCED BY Pseudomonas fluorescens ISOLATES USING SDS-PAGE AND HPLC.. Journal of Plant Protection and Pathology, 2011, 2, 691-705.	0.1	1
3771	Bacterial Siderophores and Their Potential Applications: A Review. Current Molecular Pharmacology, 2020, 13, 295-305.	0.7	19
3772	Design of peptides interfering with iron-dependent regulator (IdeR) and evaluation of growth inhibition. Iranian Journal of Basic Medical Sciences, 2017, 20, 722-728.	1.0	6
3773	Antagonism of Pseudomonas putida Against Dematophora nectarix A Major Apple Plant Pathogen and Its Potential Use as a Biostimulent. Journal of Pure and Applied Microbiology, 2016, 10, 2717-2726.	0.3	9
3774	Plant Growth Promoting Rhizobacteria of Curcuma amada (Mango ginger). Journal of Pure and Applied Microbiology, 2017, 11, 513-519.	0.3	3
3775	Impact of Chlorpyrifos on Plant Growth Promoting Rhizobacteria Isolated from Abelmoschus esculentus. Journal of Pure and Applied Microbiology, 2018, 12, 2149-2157.	0.3	8
3776	Characterization of pH Dependent Growth Response of Agriculturally Important Microbes for Development of Plant Growth Promoting Bacterial Consortium. Journal of Pure and Applied Microbiology, 2019, 13, 1053-1061.	0.3	10
3777	Biocontrol Properties and Functional Characterization of Rice Rhizobacterium Pseudomonas sp. VSMKU4036. Journal of Pure and Applied Microbiology, 2020, 14, 1545-1556.	0.3	5
3778	Plant growth promoting and antagonistic Activity of bacillus strains isolated From rice rhizosphere. International Journal of Pharma and Bio Sciences, 2017, 8, .	0.1	5
3780	Effect of the endophytic plant growth promoting Enterobacter ludwigii EB4B on tomato growth. Hellenic Plant Protection Journal, 2020, 13, 54-65.	0.4	9
3781	Growth Promotion of Lettuce (Lactuca sativa L.) by a Rhizobacterium Pseudomonas fluorescens Strain LRB3W1 under Iron-Limiting Condition. Environmental Control in Biology, 2008, 46, 139-146.	0.3	6
3782	Evaluation of thermotolerant rhizobacteria for multiple plant growth promoting traits from pigeonpea rhizosphere. Journal of Applied and Natural Science, 2018, 10, 518-521.	0.2	7
3783	Exploration of multitrait antagonistic microbes against Fusarium oxysporum f.sp. lycopersici. Journal of Applied and Natural Science, 2019, 11, 503-510.	0.2	8
3784	Screening of efficient rhizobacteria associated with cauliflower (Brassica oleraceavar. botrytis L.) for plant growth promoting traits. Journal of Applied and Natural Science, 2017, 9, 167-172.	0.2	2
3785	Exploitation of endophytic Pseudomonas sp. for plant growth promotion and colonization in rice. Journal of Applied and Natural Science, 2017, 9, 1310-1316.	0.2	5
3786	Iron Bacterial Phylogeny and their Execution Towards Iron Availability in Equatorial Indian Ocean and Coastal Arabian Sea. Polish Journal of Microbiology, 2013, 62, 391-400.	0.6	3
3787	Evaluation of The Pathogenic Potential of Insecticidal Serratia marcescens Strains to Humans. Polish Journal of Microbiology, 2019, 68, 185-191.	0.6	8
3788	Virus and siderophore-mediated transfer of available Fe between heterotrophic bacteria: characterization using an Fe-specific bioreporter. Aquatic Microbial Ecology, 2005, 41, 233-245.	0.9	33

#	Article	IF	Citations
3789	Cascading nutrient limitation of the cyanobacterium Cylindrospermopsis raciborskii in a Sahelian lake (North Senegal). Aquatic Microbial Ecology, 2006, 44, 219-230.	0.9	16
3790	Isolation and identification of plant growth-promoting bacteria associated with tall fescue. Proceedings of the New Zealand Grassland Association, 0, , 211-216.	0.0	10
3791	Mortierella Species as the Plant Growth-Promoting Fungi Present in the Agricultural Soils. Agriculture (Switzerland), 2021, 11, 7.	1.4	147
3792	Evaluation of Biocontrol Activities of Streptomyces spp. against Rice Blast Disease Fungi. Pathogens, 2020, 9, 126.	1.2	40
3793	Enhanced Survival and Nodule Occupancy of Pigeon pea Nodulating Rhizobium sp. ST1 expressing fegA Gene of Bradyrhizobium japonicum 61A152. OnLine Journal of Biological Sciences, 2009, 9, 40-51.	0.2	6
3794	Phenotypic and Molecular Characterization of some Virulence Factors in Multidrug Resistance Escherichia coli Isolated from Different Clinical Infections in Iraq. American Journal of Biochemistry and Molecular Biology, 2017, 7, 65-78.	0.6	9
3795	Isolation of Fluorescent Pseudomonas spp. from Diverse Agro-Ecosystems of India and Characterization of their PGPR Traits. , 2014, 5, 13-24.		9
3796	Application of Rhizobium sp. BHURC01 and Plant Growth Promoting Rhizobactria on Nodulation, Plant Biomass and Yields of Chickpea (Cicer arietinum L.). International Journal of Agricultural Research, 2010, 5, 148-156.	0.0	50
3797	Indices to Assess Quality, Productivity and Sustainable Health of Soils Receiving Low Cost Biological and/or Conventional Inputs. International Journal of Soil Science, 2006, 1, 196-206.	0.7	4
3798	Effect of Pseudomonas as a Preventive and Curative Control of Tomato Leafminer Tuta absoluta (Lepidoptera: Gelechiidae). Journal of Applied Sciences, 2019, 19, 473-479.	0.1	8
3799	Biological Control of Stem and Root-rot of Wheat Caused by Bipolaris spp. by using Antagonistic Bacteria, Fluorescent Pseudomonads and Bacillus spp.. Journal of Biological Sciences, 2005, 5, 347-353.	0.1	11
3800	Sensitivity of IS6110, mtp40 and 85B-RNA Based Amplification Assays in the Diagnosis and Treatment Follow up of Pulmonary Mycobacterium tuberculosis. Journal of Biological Sciences, 2005, 6, 121-126.	0.1	3
3801	Growth Promoting of Some Ornamental Plants by Root Treatment with Specific Fluorescent Pseudomonads. Journal of Biological Sciences, 2006, 6, 610-615.	0.1	14
3802	Cadmium-resistant Ralstonia mannitolilytica Relieved Cadmium Toxicity in Mustard Plant Through Root Colonization and Growth Promoting Activity. Research Journal of Microbiology, 2016, 11, 157-168.	0.2	1
3803	Potential Plant Growth-promoting Activity of Pseudomonas spp. and Bacillus spp. as Biocontrol Agents Against Damping-off in Alfalfa. Plant Pathology Journal, 2014, 13, 8-17.	0.7	13
3804	Characterization of Plant Growth-Promoting Traits of Free-Living Diazotrophic Bacteria and Their Inoculation Effects on Growth and Nitrogen Uptake of Crop Plants. Journal of Microbiology and Biotechnology, 2009, 19, 1213-22.	0.9	43
3805	Characterization of Plant-Growth-Promoting Traits of Acinetobacter Species Isolated from Rhizosphere of Pennisetum glaucum. Journal of Microbiology and Biotechnology, 2011, 21, 556-566.	0.9	174
3806	Selection of Plant Growth-Promoting Pseudomonas spp. That Enhanced Productivity of Soybean-Wheat Cropping System in Central India. Journal of Microbiology and Biotechnology, 2011, 21, 1127-1142.	0.9	53

#	Article	IF	Citations
3807	Biochemical and Molecular Characterization of High Population Density Bacteria Isolated from Sunflower. Journal of Microbiology and Biotechnology, 2012, 22, 437-447.	0.9	33
3808	The Endophytic Bacteria Bacillus velezensis Lle-9, Isolated from Lilium leucanthum, Harbors Antifungal Activity and Plant Growth-Promoting Effects. Journal of Microbiology and Biotechnology, 2020, 30, 668-680.	0.9	34
3809	Siderophore Production by Rhizosphere Biological Control Bacteria Brevibacillus brevis GZDF3 of Pinellia ternata and Its Antifungal Effects on Candida albicans. Journal of Microbiology and Biotechnology, 2020, 30, 689-699.	0.9	35
3810	A Bioactive Fraction from Streptomyces sp. Enhances Maize Tolerance against Drought Stress. Journal of Microbiology and Biotechnology, 2020, 30, 1156-1168.	0.9	19
3811	Siderophore mediated metal uptake by Pseudomonas fluorescens and its comparison to Iron (III) chelation. Ceylon Journal of Science (Biological Sciences), 2011, 39, 147.	0.2	14
3812	Evaluation of Rhizospheric Bacteria from Ocimum sp. as Potential Pgpr. Journal of Microbial & Biochemical Technology, 2015, 07, .	0.2	4
3813	Enhanced Biodegradation of Mobil Oil Hydrocarbons by Biosurfactant Producing Bacterial Consortium in Wheat and Mustard Rhizosphere. Journal of Petroleum & Environmental Biotechnology, 2013, 04, .	0.3	9
3814	Genomic and Functional Characterization of a Novel Burkholderia sp. Strain AU4i from Pea Rhizosphere Conferring Plant Growth Promoting Activities. Advancements in Genetic Engineering, 2015, 04, .	0.1	3
3815	<i>Pseudomonas aeruginosa</i> BUP2â€"A Novel Strain Isolated from Malabari Goat Produces Type 2 Pyoverdine. Advances in Bioscience and Biotechnology (Print), 2014, 05, 874-885.	0.3	15
3816	A Culture-Independent and Culture-Dependent Study of the Bacterial Community from the Bedrock Soil Interface. Advances in Microbiology, 2015, 05, 842-857.	0.3	10
3817	A Study of the Microbial Community at the Interface between Granite Bedrock and Soil Using a Culture-Independent and Culture-Dependent Approach. Advances in Microbiology, 2016, 06, 233-245.	0.3	11
3818	Isolation, Screening and Molecular Characterization of Multifunctional Plant Growth Promoting Rhizobacteria for a Sustainable Agriculture. American Journal of Plant Sciences, 2020, 11, 773-792.	0.3	11
3822	Screening of Antagonistic Bacteria for Biological control of Ginseng Root Rot. Korean Journal of Mycology, 2012, 40, 44-48.	0.3	14
3823	Plant Growth-promoting Ability by the Newly Isolated Bacterium Bacillus aerius MH1RS1 from Indigenous Plant in Sand Dune. Daehan Hwan'gyeong Gonghag Hoeji, 2013, 35, 687-693.	0.4	2
3824	Isolation and Characterization of Plant Growth-Promoting Bacillus amyloliquefaciens Strain sks_bnj_1 and its Influence on Rhizosphere Soil Properties and Nutrition of Soybean (Glycine max L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	
3825	Keratinase Production by Recalcitrant Feather Degrading Pseudomonas Geniculata and Its Plant Growth Promoting Activity. Journal of Environmental Science International, 2013, 22, 1457-1464.	0.0	1
3826	Plant Cell Contact-Dependent Virulence Regulation of hrp Genes in Pseudomonas syringae pv. tabaci 11528. Journal of Life Science, 2011, 21, 227-234.	0.2	3
3827	A LuxR-type Transcriptional Regulator, PsyR, Coordinates Regulation of Pathogenesis-related Genes in Pseudomonas syringae pv. tabaci. Journal of Life Science, 2015, 25, 136-150.	0.2	2

#	Article	IF	Citations
3828	Laboratory Culture Media-Dependent Biocontrol Ability of Burkholderia gladioli strain B543. Plant Pathology Journal, 2007, 23, 161-165.	0.7	11
3829	Mutation in clp_{xoo4158}Reduces Virulence and Resistance to Oxidative Stress in Xanthomonas oryzae pv. oryzae KACC10859. Plant Pathology Journal, 2011, 27, 89-92.	0.7	3
3830	Screening and Application of Bacillus Strains Isolated from Nonrhizospheric Rice Soil for the Biocontrol of Rice Blast. Plant Pathology Journal, 2020, 36, 231-243.	0.7	19
3831	Inhibitory Abilities of Bacillus Isolates and Their Culture Filtrates against the Gray Mold Caused by Botrytis cinerea on Postharvest Fruit. Plant Pathology Journal, 2019, 35, 425-436.	0.7	50
3832	The Roles of Two hfq Genes in the Virulence and Stress Resistance of Burkholderia glumae. Plant Pathology Journal, 2018, 34, 412-425.	0.7	20
3833	Functional Analysis of Bacillus subtilis Isolates and Biological Control of Red Pepper Powdery Mildew Using Bacillus subtilis R2-1. Research in Plant Disease, 2012, 18, 201-209.	0.3	14
3834	Selection and evaluation of phosphate-solubilizing bacteria from grapevine rhizospheres for use as biofertilizers. Spanish Journal of Agricultural Research, 2016, 14, e1106.	0.3	32
3835	Transferrin and Lactoferrin â€“ Human Iron Sources for Enterococci. Polish Journal of Microbiology, 2017, 66, 419-426.	0.6	6
3836	Enterobacter asburiae KUNi5, a Nickel Resistant Bacterium for Possible Bioremediation of Nickel Contaminated Sites. Polish Journal of Microbiology, 2016, 65, 115-118.	0.6	16
3837	Isolation and Characterization of Phosphate-Solubilizing Bacteria from Mushroom Residues and their Effect on Tomato Plant Growth Promotion. Polish Journal of Microbiology, 2017, 66, 57-65.	0.6	18
3838	Physiological Characteristics of Actinomycetes Isolated from Turfgrass Rhizosphere. Weed & Turfgrass Science, 2015, 4, 348-359.	0.1	5
3839	Use of Probiotic Bacteria against Bacterial and Viral Infections in Shellfish and Fish Aquaculture. , 0, , .		7
3844	Multi-trait plant growth promoting bacteria from tomato rhizosphere and evaluation of their potential as bioinoculants. Applied Biological Research, 2015, 17, 113.	0.1	12
3845	Enhancement of Wheat Growth and Zn Content in Grains by Zinc Solubilizing Bacteria. International Journal of Agriculture Environment and Biotechnology, 2013, 6, 363.	0.1	30
3846	Screening of Endophytic Bacterial Isolates of tea (Camellia sinensisL.) Roots for their Multiple Plant Growth Promoting Activities.. International Journal of Agriculture Environment and Biotechnology, 2013, 6, 371.	0.1	8
3847	Biological Control of Tomato and Red Pepper Powdery Mildew using Paenibacillus polymyxa CW. Nong'yag Gwahag Hoeji, 2013, 17, 379-387.	0.1	3
3848	Toward a better understanding of the mechanisms of symbiosis: a comprehensive proteome map of a nascent insect symbiont. PeerJ, 2017, 5, e3291.	0.9	21
3849	Effect ofBurkholderia tropicaandHerbaspirillum frisingensestrains on sorghum growth is plant genotype dependent. PeerJ, 2018, 6, e5346.	0.9	32

#	Article	IF	Citations
3850	A high Mn(II)-tolerance strain, Bacillus thuringiensis HM7, isolated from manganese ore and its biosorption characteristics. PeerJ, 2020, 8, e8589.	0.9	15
3851	Siderophore and indolic acid production by Paenibacillus triticisoli BJ-18 and their plant growth-promoting and antimicrobe abilities. PeerJ, 2020, 8, e9403.	0.9	9
3852	EndophyticBurkholderiasp. SSG as a potential biofertilizer promoting boxwood growth. PeerJ, 2020, 8, e9547.	0.9	18
3853	Investigation of Siderophore production and Antifungal activity against Phytophthora capsici as related to Iron (III) nutrition by Lysobacter antibioticus HS124. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2011, 44, 650-656.	0.1	5
3854	Comparison between Siderophores Production by Fungi Isolated from Heavy Metals Polluted and Rhizosphere Soils. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2012, 45, 798-804.	0.1	6
3855	Plant Growth Promoting Activities of Some Rhizosphere Bacteria and their Effect on Brassica rapa Growth. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2014, 47, 141-146.	0.1	2
3856	Identification of Endophytic Bacteria in Panax ginseng Seeds and Their Potential for Plant Growth Promotion. Korean Journal of Medicinal Crop Science, 2014, 22, 306-312.	0.1	9
3857	Molecular Diversity of Rhizobacteria in Ginseng Soil and Their Plant Benefiting Attributes. Korean Journal of Microbiology, 2012, 48, 246-253.	0.2	3
3858	Antifungal Activity and Plant Growth Promotion by Rhizobacteria Inhibiting Growth of Plant Pathogenic Fungi. Korean Journal of Microbiology, 2012, 48, 16-21.	0.2	6
3859	Improved Germination and Seedling Growth of Echinochloa crus-galli var. frumentacea in Heavy Metal Contaminated Medium by Inoculation of a multiple-Plant Growth Promoting Rhizobacterium (m-PGPR). Journal of Soil and Groundwater Environment, 2011, 16, 9-17.	0.1	4
3860	INFLUENCE OF IRON ON GROWTH AND EXTRACELLULAR PRODUCTS OF ACINETOBACTER BAUMANNII. Japanese Journal of Medical Science and Biology, 1998, 51, 25-33.	0.4	8
3861	Bacillus thuringiensis Strains Isolated from Agricultural Soils in Mali Tested for Their Potentiality on Plant Growth Promoting Traits. British Microbiology Research Journal, 2016, 14, 1-7.	0.2	1
3862	In vitro Evaluation of Bacterial Endophytes for Biocontrol of Pythium aphanidermatum and Plant Growth Promotion in Setaria italica L. Grown in Seedling Trays. Current Journal of Applied Science and Technology, 0, , 1-14.	0.3	1
3863	Isolation and Characterization of Plant Growth Promoting Rhizobacteria Enterobacter hormaechei and their Suppression Efficacy against Colletotrichum falcatum in Combination with Chitosan. International Journal of Plant & Soil Science, 2017, 14, 1-12.	0.2	3
3864	Biocontrol activity of siderophore producing Bacillus subtilis CTS-G24 against wilt and dry root rot causing fungi in chickpea. IOSR Journal of Agriculture and Veterinary Science, 2014, 7, 63-68.	0.1	20
3865	Biological Control of Fusarium Oxysporum and Aspergillus Sp. By Pseudomonas Fluorescens Isolated From Wheat Rhizosphere Soil Of Kashmir.. IOSR Journal of Pharmacy and Biological Sciences, 2012, 1, 24-32.	0.1	2
3866	Fluorescent Pseudomonads as Plant Growth Promoting Rhizobacteria and Their Siderophoregenesis. IOSR Journal of Pharmacy and Biological Sciences, 2012, 3, 27-32.	0.1	15
3867	Non-peptide secondary metabolites from poisonous mushrooms: overview of chemistry, bioactivity, and biosynthesis. Natural Product Reports, 2022, 39, 512-559.	5.2	9

#	Article	IF	Citations
3868	Characterisation of Plant Growth-Promoting Endophytic Bacteria from Sugarcane and Their Antagonistic Activity against Fusarium moniliforme. Tropical Life Sciences Research, 2021, 32, 97-118.	0.5	4
3869	Streptomyces sp. S-9 promotes plant growth and confers resistance in Pigeon pea (Cajanus cajan) against Fusarium wilt. 3 Biotech, 2021, 11, 459.	1.1	2
3870	Isolation and Characterization of Vibrio kanaloae as a Major Pathogen Associated with Mass Mortalities of Ark Clam, Scapharca broughtonii, in Cold Season. Microorganisms, 2021, 9, 2161.	1.6	7
3871	Bacillus cereus Improves Performance of Brazilian Green Dwarf Coconut Palms Seedlings With Reduced Chemical Fertilization. Frontiers in Plant Science, 2021, 12, 649487.	1.7	4
3872	Siderophores. Springer Protocols, 2022, , 351-359.	0.1	2
3873	Enhancing Symbiotic Nitrogen Fixation and Soybean Growth through Co-Inoculation with Bradyrhizobium and Pseudomonas Isolates. Sustainability, 2021, 13, 11539.	1.6	5
3874	Growth Promotion of Giant Duckweed Spirodela polyrhiza (Lemnaceae) by Ensifer sp. SP4 Through Enhancement of Nitrogen Metabolism and Photosynthesis. Molecular Plant-Microbe Interactions, 2022, 35, 28-38.	1.4	12
3875	Differential Root Exudation and Architecture for Improved Growth of Wheat Mediated by Phosphate Solubilizing Bacteria. Frontiers in Microbiology, 2021, 12, 744094.	1.5	23
3876	Vibrio neptunius Produces Piscibactin and Amphibactin and Both Siderophores Contribute Significantly to Virulence for Clams. Frontiers in Cellular and Infection Microbiology, 2021, 11, 750567.	1.8	8
3877	Screening and Biocontrol Potential of Rhizobacteria Native to Gangetic Plains and Hilly Regions to Induce Systemic Resistance and Promote Plant Growth in Chilli against Bacterial Wilt Disease. Plants, 2021, 10, 2125.	1.6	32
3878	Multifarious effect of ACC deaminase and EPS producing Pseudomonas sp. and Serratia marcescens to augment drought stress tolerance and nutrient status of wheat. World Journal of Microbiology and Biotechnology, 2021, 37, 198.	1.7	27
3879	Improved chromium tolerance of Medicago sativa by plant growth-promoting rhizobacteria (PGPR). Journal of Genetic Engineering and Biotechnology, 2021, 19, 149.	1.5	52
3880	Rhizospheric and endophyticPseudomonas aeruginosain edible vegetable plants share molecular and metabolic traits with clinical isolates. Journal of Applied Microbiology, 2022, 132, 3226-3248.	1.4	11
3881	Insight Into Ecology, Metabolic Potential, and the Taxonomic Composition of Bacterial Communities in the Periodic Water Pond on King George Island (Antarctica). Frontiers in Microbiology, 2021, 12, 708607.	1.5	2
3882	Effective In Vitro Control of Two Phytopathogens of Agricultural Interest Using Cell-Free Extracts of Pseudomonas fluorescens and Chitosan. Molecules, 2021, 26, 6359.	1.7	6
3883	Effectiveness of Augmentative Biological Control of Streptomyces griseorubens UAE2 Depends on 1-Aminocyclopropane-1-Carboxylic Acid Deaminase Activity against Neoscytalidium dimidiatum. Journal of Fungi (Basel, Switzerland), 2021, 7, 885.	1.5	16
3884	Induction of Iron Stress in Hepatocellular Carcinoma Cell Lines by Siderophore of Aspergillus nidulans Towards Promising Anticancer Effect. Biological Trace Element Research, 2022, 200, 3594-3607.	1.9	3
3885	2D distribution of Pseudomonas fluorescens activities at the soil-root interface of sunflower grown on vineyard soils: Effects on copper uptake. Soil Biology and Biochemistry, 2021, 163, 108462.	4.2	3

#	Article	IF	Citations
3886	Long-term effects of grazing on the biological, chemical, and physical soil properties of the Caatinga biome. Microbiological Research, 2021, 253, 126893.	2.5	0
3887	Phosphorus solubilizing bacteria Bacillus thuringiensis and Pantoea ananatis simultaneously promote soil inorganic phosphate dissolution and soil Pb immobilization. Rhizosphere, 2021, 20, 100448.	1.4	13
3888	RhizobaktÃ©rium tÃ¶rzsek szaporodÃ¡sÃ¡nak Ã©s vasmegkÃ¶tÅ‘ kÃ©pessÃ©gÃ©nek nehÃ©zfÃ©m-Ã©rzÃ©kenysÃ©ge. Agrokemia Es Talajtan, 2002, 51, 479-490.	0.1	2
3889	Applicability of Fly Ash is Sound for Rhizosphere, Biomass Yield, Enhanced Banana Productivity and Sustainable Eco-System. , 2003, , 423-436.		1
3890	Is Fe deficiency rather than P deficiency the cause of cluster root formation in Casuarina species?. , 2003, , 229-235.		0
3891	Isolation and Identification of Rice Root Endophytic Antagonistic Serratia marcescens. Research in Plant Disease, 2004, 10, 63-68.	0.3	0
3892	IRON-REGULATED PROTEINS (IRPs) OF LEPTOSPIRA BIFLEXA SEROVAR PATOC STRAIN PATOC I. Indian Journal of Medical Microbiology, 2004, 22, 92-96.	0.3	0
3893	Genetic Regulation of Iron in Erwinia chrysanthemi as Pertains to Bacterial Virulence. , 2006, , 215-227.		1
3894	Characterization of the Inhibitory Strain Pantoea sp. 48b/90 with Potential as a Biocontrol Agent for Bacterial Plant Pathogens. , 2008, , 111-116.		1
3895	The Effect of NaCl on Their Antibiotic Susceptibility Motile Aeromonas Strains Isolated from the Intestine of Rainbow Trout (Oncorhynchus mykiss). Kafkas Universitesi Veteriner Fakultesi Dergisi, 2009, , .	0.0	3
3896	IDENTIFICATION AND CHARACTERIZATION OF Azotobacter chroococcum ISOLATED FROM SOME EGYPTIAN SOILS. Journal of Agricultural Chemistry and Biotechnology, 2010, 1, 93-104.	0.0	4
3897	Cloning and sequencing of the <i>Fur</i> gene from marine probiotic <i>Alteromonas aurantia</i> A18 and its possible role in siderophore production. Tropical Agricultural Research and Extension, 2010, 11, 13.	0.1	0
3898	Screening of Multifunctional Bacteria with Biocontrol and Biofertilizing Effects. Korean Journal of Mycology, 2011, 39, 126-130.	0.3	2
3899	Mixed Siderophoregenic Root Nodulating Enterobacter cloacae shirishii SUP I from Tamarindus indica L.. Indian Journal of Applied Research, 2011, 4, 413-416.	0.0	0
3900	FAME Analysis for Identification of Clinical Isolate Siderophore Producing Pseudomonas Species. Indian Journal of Applied Research, 2011, 3, 424-426.	0.0	0
3901	Effect of Indigenous Strains of Fluorescent Pseudomonas Sp. on Growth of Apple Plants in Replant Site of Himachal Pradesh. Indian Journal of Applied Research, 2011, 4, 432-437.	0.0	1
3902	Evaluation of Pseudomonas sp. VSMKU-4046 for Suppression of Sheath Blight (ShB) of Rice in Detached Leaf Assay. , 2012, , 277-282.		0
3903	Assessment of Plant Growth Promoting Activities of Phosphorus Solubilizing Bacteria. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2012, 45, 66-73.	0.1	1

#	Article	IF	Citations
3904	Siderophore-Mediated Iron Acquisition: Target for the Development of Selective Antibiotics Towards Mycobacterium tuberculosis. Springer Briefs in Molecular Science, 2013, , 65-88.	0.1	0
3905	Siderophore mediated antagonism of fluorescent Pseudomonads against soil borne plant pathogenic fungi in West Bengal, India. African Journal of Microbiology Research, 2013, 7, 4689-4700.	0.4	1
3906	Hairy Vetch Growth-Promoting Rhizobium sp. RH84 and Application to Reclaimed Land. Journal of Applied Biological Chemistry, 2013, 56, 235-239.	0.2	0
3907	Solubilization of Inorganic Phosphates and Plant Growth Promotion by Pantoea Strains. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2013, 46, 494-501.	0.1	4
3908	Phosphate-Solubilizing Bacteria in the Rhizosphere of Some Cultivated legumes from Meknes region, Morocco. British Biotechnology Journal, 2014, 4, 946-956.	0.4	3
3910	Production of siderophore-like iron chelators by ericoid and ectomycorrhizal fungi. , 1991, , 309-309.		0
3912	Isolation and Characterization of Azospirillum Brasilense Mutants Altered in the Production of Siderophores. , 1991, , 291-292.		0
3913	Physicochemical characterization of the microbial Fe2 +chelator proferrorosamine from Pseudomonas roseus fluorescens. Journal of Applied Microbiology, 1992, 72, 44-50.	1.4	1
3914	Involvement of Ion Protease of Azospirillum brasilense in iron uptake. , 1995, , 137-141.		0
3915	Siderophore production and outer membrane protein synthesis of vibrio parahaemolyticus strain with different serotypes under iron-limited condition.. Journal of General and Applied Microbiology, 1995, 41, 221-228.	0.4	2
3916	Siderophore alcaligin E production by Alcaligenes eutrophus CH34: features of the ale-operon and application perspectives of alcaligin E for leaching of heavy metals. , 1997, , 61-73.		1
3919	Gene mining: A case study on putative iron-responsive cyanobacterial genetic locus using in silico bioinformatics, ecophysiology and expression-combined approach. Bangladesh Journal of Botany, 2014, 43, 79-86.	0.2	1
3921	Antifungal potential of native strain isolated from rhizosphere soil of Valeriana jatamansi from temperate regions of Himachal Pradesh. Journal of Applied Horticulture, 2014, 16, 131-135.	0.3	2
3922	Biological Control of Anthracnose (Colletotrichum gloeosporioides) in Red Pepper by Bacillus sp. CS-52. Korean Journal of Microbiology, 2014, 50, 201-209.	0.2	1
3923	Regulators Involved inDickeya solaniVirulence, Genetic Conservation and Functional Variability. Molecular Plant-Microbe Interactions, 0, , MPMI-99-99-0003.	1.4	0
3924	Regulators Involved inDickeya solaniVirulence, Genetic Conservation and Functional Variability. Molecular Plant-Microbe Interactions, 0, , MPMI-99-99-0004.	1.4	0
3925	Pseudomonas sp. G19 Alleviates Salt Stress and Promotes Growth of Chinese Cabbage. Korean Journal of Microbiology, 2014, 50, 368-371.	0.2	2
3926	Development of Integrated Disease Control Measures for the Valorisation of Traditional Crops in Southern Italy: The Case Study of Fagioli di Sarconi. , 2015, , 145-158.		0

#	Article	IF	Citations
3927	Regulators Involved inDickeya solaniVirulence, Genetic Conservation and Functional Variability. Molecular Plant-Microbe Interactions, 2015, 2015, 57-68.	1.4	1
3928	ARTIFICIAL ASSOCIATIVE SYMBIOSES BEtWEEN TOMATO PLANTS AND FUNGISTATIC Rhizobium. Sel'skokhozyaistvennaya Biologiya, 2015, 50, 107-114.	0.1	0
3929	Isolation and Detection of Genes Responsible for Pyoverdines Biosynthesis in Pseudomonas putida KNUK9. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2015, 48, 119-124.	0.1	0
3930	Isolation and functional characterization of cadmium resistant strainsRAN 1 using agronomical parameter of chaulai (Amaranthus tricolor). Asian Journal of Bio Science, 2015, 10, 33-38.	0.1	0
3931	Isolation and characterization of Bacillus amyloliquefaciens TK3 inhibiting causative bacteria of atrophic rhinitis and fowl typhoid. Korean Journal of Microbiology, 2015, 51, 177-180.	0.2	1
3932	Temperature dependent 2,3-dihydroxybenzoic acid production in Acinetobacter sp. B-W. Korean Journal of Microbiology, 2015, 51, 249-255.	0.2	1
3933	Study of Magnetic Field Treatment on Rhizosphere. International Journal of Engineering Research & Technology, 2015, V4, .	0.2	0
3934	Phenotypic and genotypic characterization of inhabitant PGPR strains of Pseudomonas from apple orchards. Journal of Applied and Natural Science, 2015, 7, 893-902.	0.2	0
3935	Isolation and Characterization of Bacillus Strain as a Potential Biocontrol Agent. Journal of Life Science, 2015, 25, 1408-1414.	0.2	0
3936	Inhibition of yeast Candida growth by protein antibiotic produced from Pseudomonas fluorescens BB2. Korean Journal of Microbiology, 2015, 51, 448-452.	0.2	0
3937	PATHOGENICITY OF Metarhizium anisopliae (METCHNIKOFF) SOROKIN (DEUTEROMYCOTINA:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34 curvignathus (BLATTODEA: RHINOTERMITIDAE). Pakistan Journal of Agricultural Sciences, 2016, , .	0.1	0
3938	PhÃ¢n láºp vÃ tuyá»ƒn chá»n vi khuáº©n tá»« Ä‘áº¥t vÃ¹ng rá»… á»›t cÃ³ kháº£ nÄƒng Ä‘á»‘i khÃ¡ng vá»›i náº¥m Colletotrichum sp. gÃ¢ trÃªn á»›t. Tap Chi Khoa Hoc = Journal of Science, 2016, 47, 16.	0.1	2
3939	Isolation and characterization of bacteria and yeasts from contaminated soil. Journal of Agricultural Sciences (Belgrade), 2016, 61, 247-256.	0.1	2
3940	Screening of Indigenous Plant Growth Promoting Rhizobacteria Associated with Capsicum annuum L. in High Hills Temperate Wet Conditions of Himachal Pradesh (India). Molecular Soil Biology, 0, , .	0.0	0
3941	Diversity of root nodule bacteria from leguminous crops. Archives of Biological Sciences, 2016, 68, 195-205.	0.2	1
3942	Production of Catecholate Siderophores by a Manglicolous fungus Emericella nidulans: A Novel Observation. Studies in Fungi, 2016, 1, 146-149.	0.5	0
3943	Evaluation of Rhizobacterial Isolates for Their Antagonistic Effects against Various Phytopathogenic Fungi. Korean Journal of Mycology, 2016, 44, 36-47.	0.3	2
3944	Isolation and functional characterization of cadmium resistant strainsRCP 1 using agronomical parameter of Chaulai (Amaranthus tricolor L.). Asian Journal of Bio Science, 2016, 11, 6-11.	0.1	0

#	Article	IF	Citations
3945	Effect of Heavy Metals and Antibiotics on Siderophores Producing Bacterial Isolates. Acta Physica Polonica A, 2016, 130, 181-183.	0.2	1
3946	Isolation and Characterization of PGPR from Roots of Ficus religiosa growing on Concrete Walls and its Effect on Plant Growth in Drought Condition. International Journal of Current Microbiology and Applied Sciences, 2016, 5, 583-593.	0.0	4
3947	Effect of plasmid curing on the 2, 3-dihydroxybenzoic acid production and antibiotic resistance of Acinetobacter sp. B-W. Korean Journal of Microbiology, 2016, 52, 254-259.	0.2	0
3948	Characterization of agrobacterium tumefaciens Strains isolated from root nodules of vigna Trilobata (l) verdc. Cultivars.. International Journal of Pharma and Bio Sciences, 2016, 7, .	0.1	0
3949	Ecological Success of Compatible Microbes in Consortia Isolated from Rice Rhizosphere for Growth and Yield of Mung Bean (Vigna radiata L.). Journal of Pure and Applied Microbiology, 2016, 10, 3231-3239.	0.3	1
3950	DIFFERENCES IN NITROGEN AND PHOSPHORUS UPTAKE AND YIELD COMPONENTS BETWEEN BARLEY CULTIVARS GROWN UNDER ARBUSCULAR MYCORRHIZAL FUNGUS AND PSEUDOMONAS STRAINS CO-INOCULATION IN RAINFED CONDITION. Applied Ecology and Environmental Research, 2017, 15, 195-216.	0.2	4
3951	Xanthoferrin Siderophore Estimation from the Cell-free Culture Supernatants of Different Xanthomonas Strains by HPLC. Bio-protocol, 2017, 7, e2410.	0.2	2
3952	Plant Physiology Processes Associated with â€œPlant-Plant Growth-Promoting Rhizobacteriaâ€•Bioassays for the Enhanced Heavy Metal Removal. , 2017, , 261-273.		0
3953	Isolation and Characterization of Antagonist Bacteria from Chickpea Rhizosphere against Fusarium oxysporum f. sp. ciceris. Journal of Pure and Applied Microbiology, 2017, 11, 371-378.	0.3	1
3954	Screening and Characterization of Multi-Trait Plant Growth Promoting Bacteria Associated with Sugarcane for Their Prospects as Bioinoculants. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 240-252.	0.0	1
3955	Isolation and characterization of rhizospheric Streptomyces spp. for the biocontrol of Fusarium wilt (bayoud) disease of date palm (Phoenix dactylifera L.). Journal of Scientific Agriculture, 0, 1, 132.	0.0	4
3956	Actinobacteria of Arid and Semi-arid Soils: Antagonism to Fungal Pathogens and Plant Growth Promoting Potential. Journal of Pure and Applied Microbiology, 2017, 11, 1045-1052.	0.3	3
3957	Screening of Endophytic and Rhizospheric Actinomycetes with Potential Application for Biocontrol of Fusarium Wilt of Gladiolus. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 1345-1355.	0.0	1
3959	Identification of Fluorescent Pseudomonas Isolates with Potential Biocontrol activity from the Rhizosphere of Crops. Journal of Pure and Applied Microbiology, 2017, 11, 1487-1495.	0.3	2
3960	Biochemical characterization of Pseudomonas fluorescens against Alterneria alternata in ashwagandha. Agriculture Update, 2017, 12, 1190-1195.	0.0	0
3961	Evaluate the Shelf Life of Pseudomonas Carrier Based Biofertilizer Stored at Different Temperatures at Different Intervals. International Journal of Pure & Applied Bioscience, 2017, 5, 1295-1301.	0.1	0
3962	Functional Attributes of Psychrotolerant Rhizobacteria from Wheat (Triticum aestivum L.) Rhizoshpere. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 2065-2078.	0.0	1
3964	Resistencia a cadmio (Cd) de bacterias endÃ³fitas y bacterias rizosfÃ©ricas aisladas a partir de Oriza sativa en Colombia. Revista Colombiana De Ciencia Animal Recia, 2017, 9, 281-293.	0.2	1

#	Article	IF	Citations
3965	PROFILING OF ANTI-FUNGAL ACTIVITY OF Trichoderma virens 159C INVOLVED IN BIOCONTROL ASSAY OF Ganoderma boninense. Journal of Oil Palm Research, 0, , .	2.1	1
3966	Presencia de bacterias rizosfÃ©ricas resistentes a mercurio en suelos del sur de BolÃvar, Colombia. Revista Colombiana De Ciencia Animal Recia, 2017, 9, 301-310.	0.2	0
3967	Impact of plant growth-promoting rhizobacteria on yield and disease control of Nicotiana tabacum. Archives of Biological Sciences, 2018, 70, 717-725.	0.2	2
3968	Identification of Plant Growth promoting Rhizobacteria (PGPR) from Revegetated Soils of Lignite Mines of Neyveli, Tamilnadu. International Journal of Pharma and Bio Sciences, 2018, 9, .	0.1	1
3969	Isolation of Biocontrol (Bacterial) Agents from Chickpea (Cicer arietinum linnaeus). International Journal of Current Microbiology and Applied Sciences, 2018, 7, 2024-2035.	0.0	0
3970	Isolation and Characterization of Methanol Utilizing Microorganisms from Leguminous Crops. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 1674-1691.	0.0	0
3971	Colonization by Cupriavidus taiwanensis KKU2500-3 Enhances the Growth and Yield of KDML105 Jasmine Rice. Walailak Journal of Science and Technology, 2019, 17, 23-36.	0.5	4
3972	Systematic Screening Strategies for Identifying Elite Plant Growth Promoting Rhizobacteria for Coconut (Cocos nucifera L.). International Journal of Current Microbiology and Applied Sciences, 2018, 7, 1051-1074.	0.0	5
3973	CONTROLE BIOLÃ“GICO DE Bursaphelenchus cocophilus POR RIZOBACTÃ‰RIAS E Trichoderma spp.. Nativa, 2018, 6, 233.	0.2	2
3975	Effect of Plant Growth Promoting Bacteria from Crop Field on Growth Performance of Tomato. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 2213-2219.	0.0	0
3976	Proteomic Analysis of the GacA Response Regulator in Pseudomonas chlororaphis O6. Research in Plant Disease, 2018, 24, 162-169.	0.3	0
3977	Phenotypic and genotypic characterization of Pseudomonas aeruginosa siderophores. Zagazig Journal of Pharmaceutical Sciences, 2018, 27, 22-30.	0.2	2
3978	Siderophore â€“The Iron Chelator Production Potential of Bacteria Associated with Diverse Crops and Growth Medium Optimization for its High Production. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 1052-1062.	0.0	1
3979	Screening for Lotus creticus growth promoting rhizobacteria under greenhouse conditions. Eurasian Journal of Soil Science, 2018, 7, 284-291.	0.2	1
3982	Evaluation of phyllosphere antagonistic bacteria on the management of Fusarium ear rot of maize caused by Fusarium verticillioides. Journal of Biological Control, 2018, 32, 257-263.	0.2	0
3983	Fundamental of siderophores in soil. An Asian Journal of Soil Science, 2018, 13, 157-165.	0.0	0
3984	Phenotypic Identification of Promising Rhizospheric Antagonistic Microbes of Chilli (Capsicum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10	0.0	0
3985	Effect of Natural Pesticide Bordeux Mixture on the Production of Metabolite (EPS and Siderophore) in Some PGPBs. International Journal of Current Microbiology and Applied Sciences, 2019, 8, 1863-1873.	0.0	0

#	Article	IF	Citations
3986	Characterization of the antifungal activity of three rhizobacterial strains against Rhizoctonia solani. Spanish Journal of Agricultural Research, 2019, 16, e1011.	0.3	2
3987	Identification of Plant Growth Promoting Rhizobacteria as Biofertilizer for Salt Stress Environment. International Journal of Current Microbiology and Applied Sciences, 2019, 8, 2633-2645.	0.0	0
3991	Evaluation of Bacteria Isolated from Wheat Rhizosphere for Plant Growth Promoting Attributes and Antagonistic Activity. International Journal of Current Microbiology and Applied Sciences, 2019, 8, 86-95.	0.0	0
3992	Ã‡ilekte KÃ¶k ve TaÃ§ Ã‡Ã¼rÃ¼klÃ¼ÄŸÃ¼ HastalÄ±ÄŸÄ± (Phytophthora cactorum)â€™na KarÅŸÄ± KÃ¶k Bakterileri ile Biyolojik MÃ¼cadele. Adnan Menderes Ãœniversitesi Ziraat FakÃ¼ltesi Dergisi, 0, , 63-71.	0.1	0
3993	Characterization of plant growth promoting rhizobacterial strain pseudomonas aeruginosa MCC 3877 with special reference to indole acetic acid (IAA) production. International Journal of Pharma and Bio Sciences, 2019, 10, .	0.1	0
3995	Fasulye bitkisinden elde edilen endofit bakterilerin bitki geliÅŸimini teÅŸvik edici ve antagonistik Ã¶zelliklerinin Pseudomonas syringae pv. phaseolicola etmenine karÅŸÄ± karekterizasyonu. Bitki Koruma BÃ¼lteni, 2019, 59, 59-69.	0.1	13
3998	Diversity and antagonistic potential of apoplastic bacteria against Ralstonia pseudosolanacearum race 4 causing bacterial wilt of ginger. Journal of Biological Control, 2019, 33, 197-216.	0.2	0
4001	Pulsotypes and Virulence of Vibrio harveyi from Shrimp Hatcheries in South-east Coast of India. Journal of Coastal Research, 2019, 86, 112.	0.1	0
4002	The biocontrol activity of Trichoderma harzianum ID11C against to the biotic stress of Rhizoctonia solani B227 in bean development. Journal of Anatolian Environmental and Animal Sciences, 2019, 4, 302-311.	0.2	0
4003	Surfactin Production, Biofilm Formation and Antagonistic Activity Against Phytopathogens by Bacillus velezensis. Asian Journal of Plant Pathology, 2019, 14, 27-35.	0.3	0
4004	MORPHOLOGICAL BIOCHEMICAL AND PLANT GROWTH PROMOTING CHARACTERIZATION OF RHIZOBIA ISOLATED FROM ROOT NODULE OF CICER ARIETINUM. Sains Malaysiana, 2020, 1, 59-63.	0.1	3
4009	Functional and molecular characterization of plant growth promoting bacteria associated with sugarcane cultivated in Tay Ninh Province, Vietnam. GSC Biological and Pharmaceutical Sciences, 2020, 11, 265-277.	0.1	1
4011	Integrated Approach for the Management of Soil Borne Disease Fusarium oxysporum in vitro in Groundnut. International Journal of Current Microbiology and Applied Sciences, 2020, 9, 3032-3044.	0.0	0
4013	Determination of antagonistic traits of bacterial isolates obtained from apricot against green fruit rot disease agent Sclerotinia sclerotiorum. Acta Horticulturae, 2020, , 135-142.	0.1	8
4014	Plant Growth-Promoting Rhizobacteria (PGPR): Strategies to Improve Heavy Metal Stress Under Sustainable Agriculture. , 2022, , 189-208.		2
4015	Metabolomics Analyses Reveal Metabolites Affected by Plant Growth-Promoting Endophytic Bacteria in Roots of the Halophyte Mesembryanthemum crystallinum. International Journal of Molecular Sciences, 2021, 22, 11813.	1.8	13
4016	The treasure inside barley seeds: microbial diversity and plant beneficial bacteria. Environmental Microbiomes, 2021, 16, 20.	2.2	37
4017	Formulation and efficacy testing of bio-organic fertilizer produced through solid-state fermentation of agro-waste by Burkholderia cenocepacia. Chemosphere, 2022, 291, 132762.	4.2	6

#	Article	IF	Citations
4018	A novel preparation for siderophoreâ€assisted copper and zinc enrichment in yeast. Journal of Food Processing and Preservation, 0, , e16131.	0.9	2
4019	Evaluation of streptomycete actinobacterial isolates as biocontrol agents against royal poinciana stem canker disease caused by the fungal pathogen Neoscytalidium dimidiatum. Biological Control, 2021, 164, 104783.	1.4	16
4020	Effect of iron on the seasonal dynamics and growth of Cylindrospermopsis raciborskii and Staurastrum spp.: A case study from Dashahe Reservoir, Guangdong Province. Hupo Kexue/Journal of Lake Sciences, 2020, 32, 1761-1770.	0.3	1
4021	Enhanced Performance of Endophytic Bacillus subtilis in Conjunction with Salicylic Acid Meliorated Simultaneous Drought and Fusarium Root Rot Stresses in Triticum aestivum L.. Biology and Life Sciences Forum, 2020, 4, .	0.6	2
4022	Plant Growth Promotion and Biocontrol Potential of Various Phytopathogenic Fungi Using Gut Microbes of Allomyrina dichotoma Larva. Research in Plant Disease, 2020, 26, 210-221.	0.3	0
4023	Bacillus cereus bacteria endÃ³fita promotora de crecimiento vegetal. Revista Colombiana De BiotecnologÃa, 2020, 22, 18-23.	0.5	0
4024	Structural and Biosynthetic Analysis of the Fabrubactins, Unusual Siderophores from Agrobacterium fabrum Strain C58. ACS Chemical Biology, 2021, 16, 125-135.	1.6	4
4025	Iron Chlorosis in Peach and Its Eco-Friendly Management: An Outlook. Environmental and Microbial Biotechnology, 2021, , 267-280.	0.4	0
4028	Screening and Characterization of Phosphate-Solubilizing Rhizobia Isolated from Hedysarum pallidum in the Northeast of Morocco. Environmental and Microbial Biotechnology, 2020, , 113-124.	0.4	2
4029	Fungal Siderophore: Biosynthesis, Transport, Regulation, and Potential Applications. Microorganisms for Sustainability, 2020, , 387-408.	0.4	2
4030	Dissecting Structure and Function of Plant Rhizomicrobiome: A Genomic Approach. Microorganisms for Sustainability, 2020, , 73-103.	0.4	0
4031	Isolation of endophytic bacteria from <i>Rehmannia glutinosa</i> Libosch and their potential to promote plant growth. Journal of General and Applied Microbiology, 2020, 66, 279-288.	0.4	13
4032	Isolation and Screening of Inorganic Phosphate Solubilizing Pseudomonas Strains from the Lotus creticus Rhizosphere Soil from the Northwest of Morocco. Environmental and Microbial Biotechnology, 2020, , 99-111.	0.4	3
4033	Description of Azotobacter chroococcum subsp. isscasi subsp. nov. isolated from paddy soil and establishment of Azotobacter chroococcum subsp. chroococcum subsp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2124-2131.	0.8	14
4034	Elioraea rosea sp. nov., a plant promoting bacterium isolated from floodwater of a paddy field. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2132-2136.	0.8	8
4035	Biocontrol of strawberry anthracnose disease caused by Colletotrichum nymphaeae using Bacillus atrophaeus strain DM6120 with multiple mechanisms. Tropical Plant Pathology, 2022, 47, 245-259.	0.8	15
4036	Bactericidal Effect of Pseudomonas oryziphila sp. nov., a Novel Pseudomonas Species Against Xanthomonas oryzae Reduces Disease Severity of Bacterial Leaf Streak of Rice. Frontiers in Microbiology, 2021, 12, 759536.	1.5	12
4037	Characterization of rhizobia isolated from leguminous plants and their impact on the growth of ICCV 2 variety of chickpea (Cicer arietinum L.). Heliyon, 2021, 7, e08321.	1.4	14

#	Article	IF	Citations
4038	Drought Tolerant Enterobacter sp./Leclercia adecarboxylata Secretes Indole-3-acetic Acid and Other Biomolecules and Enhances the Biological Attributes of Vigna radiata (L.) R. Wilczek in Water Deficit Conditions. Biology, 2021, 10, 1149.	1.3	33
4039	Co-Inoculation of Bacillus spp. for Growth Promotion and Iron Fortification in Sorghum. Sustainability, 2021, 13, 12091.	1.6	33
4040	Paediatric Antimicrobial Stewardship for Respiratory Infections in the Emergency Setting: A Systematic Review. Antibiotics, 2021, 10, 1366.	1.5	4
4041	Antifungal Activity of Siderophore Isolated From Escherichia coli Against Aspergillus nidulans via Iron-Mediated Oxidative Stress. Frontiers in Microbiology, 2021, 12, 729032.	1.5	11
4043	PGPR as Inoculants in Management of Lands Contaminated with Trace Elements. , 2012, , 259-277.		2
4044	Agromyces humi sp. nov., actinobacterium isolated from farm soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 5032-5039.	0.8	6
4045	Isolation and Characterization of Siderophore-Producing Bacteria with Various Plant Growth-Promoting Abilities as a Potential Biocontrol Agent. Journal of Environmental Science International, 2020, 29, 925-933.	0.0	0
4046	Characterization of Endophytic Bacteria Isolated from Various Cultivated Plants and Determination of their Antagonistic Effects on Plant Pathogenic Bacteria. Yuzuncu Yil University Journal of Agricultural Sciences, 2020, 30, 521-534.	0.1	6
4129	Growth of Serpulina (Treponema) hyodysenteriae under iron-restricted conditions. Canadian Journal of Veterinary Research, 1995, 59, 149-53.	1.1	11
4134	Passive immunization by recombinant ferric enterobactin protein (FepA) from Escherichia coli O157. Iranian Journal of Microbiology, 2013, 5, 113-9.	0.8	9
4135	Production of Non-Ribosomal Peptide Synthetase (NRPS)-Dependent Siderophore by Aeromonas Isolates. Iranian Biomedical Journal, 2016, 20, 235-40.	0.4	0
4136	Enhanced Biocontrol of Cucumber Fusarium Wilt by Combined Application of New Antagonistic Bacteria B2 and Phenolic Acid-Degrading Fungus P5. Frontiers in Microbiology, 2021, 12, 700142.	1.5	0
4137	Recent trends in characterization of endophytic microorganisms. , 2022, , 31-53.		1
4138	Novel Genetic Dysregulations and Oxidative Damage in Fusarium graminearum Induced by Plant Defense Eliciting Psychrophilic Bacillus atrophaeus TS1. International Journal of Molecular Sciences, 2021, 22, 12094.	1.8	5
4139	A Systematic Study of the Antibacterial Activity of Basidiomycota Crude Extracts. Antibiotics, 2021, 10, 1424.	1.5	7
4140	The Role of Phyllosphere Bacteria in Improving Cotton Growth and Yield Under Drought Conditions. Frontiers in Agronomy, 2021, 3, .	1.5	6
4141	Plant Growth Promotion Diversity in Switchgrass-Colonizing, Diazotrophic Endophytes. Frontiers in Microbiology, 2021, 12, 730440.	1.5	7
4142	Purification and characterization of phytase from Bacillus subtilis P6: Evaluation for probiotic potential for possible application in animal feed. Food Frontiers, 2022, 3, 194-205.	3.7	6

#	Article	IF	Citations
4143	Biological control of Pseudomonas savastanoi pv. savastanoi causing the olive knot disease with epiphytic and endophytic bacteria. Journal of Plant Pathology, 2022, 104, 65-78.	0.6	4
4144	Screening of epiphytic rhizosphere-associated bacteria in Argentinian Malbec and Cabernet-Sauvignon vineyards for potential use as biological fertilisers and pathogen-control agents. Oeno One, 2021, 55, 145-157.	0.7	3
4145	Evaluation of diverse range microbes for their plant growth promoting abilities and their pesticide compatibility. Environment Conservation Journal, 0, , 47-58.	0.1	0
4146	Cross-feeding between intestinal pathobionts promotes their overgrowth during undernutrition. Nature Communications, 2021, 12, 6860.	5.8	17
4147	Paenibacillus sp. Strain UY79, Isolated from a Root Nodule of Arachis villosa, Displays a Broad Spectrum of Antifungal Activity. Applied and Environmental Microbiology, 2022, 88, AEM0164521.	1.4	10
4148	Assessing the Potential Role of Compost, PGPR, and AMF in Improving Tomato Plant Growth, Yield, Fruit Quality, and Water Stress Tolerance. Journal of Soil Science and Plant Nutrition, 2022, 22, 743-764.	1.7	34
4149	FrpA is the outer membrane piscibactin transporter in Vibrio anguillarum: structural elements in synthetic piscibactin analogues required for transport. Journal of Biological Inorganic Chemistry, 2022, 27, 133-142.	1.1	5
4150	Bacillus sp. WR12 alleviates iron deficiency in wheat via enhancing siderophore- and phenol-mediated iron acquisition in roots. Plant and Soil, 2022, 471, 247-260.	1.8	7
4151	Phenotypic and Molecular Characterization of Commensal, Community-Acquired and Nosocomial Klebsiella spp.. Microorganisms, 2021, 9, 2344.	1.6	11
4152	Potassium mobilization and plant growth promotion by soil bacteria isolated from different agroclimatic zones of Odisha, India. Acta Agriculturae Slovenica, 2021, 117, 1.	0.2	1
4153	A comparison of induced antiviral resistance by the phytoprotein CAP-34 and isolate P1f of the rhizobacterium Pseudomonas putida. 3 Biotech, 2021, 11, 509.	1.1	3
4154	Deciphering the Epidemiological Characteristics and Molecular Features of blaKPCâ€“2- or blaNDMâ€“1-Positive Klebsiella pneumoniae Isolates in a Newly Established Hospital. Frontiers in Microbiology, 2021, 12, 741093.	1.5	11
4155	Endophytic bacteria from the leaves of two types of albino tea plants, indicating the plant growth promoting properties. Plant Growth Regulation, 2022, 96, 331-343.	1.8	15
4156	The Temperature-Dependent Expression of the High-Pathogenicity Island Encoding Piscibactin in Vibrionaceae Results From the Combined Effect of the AraC-Like Transcriptional Activator PbtA and Regulatory Factors From the Recipient Genome. Frontiers in Microbiology, 2021, 12, 748147.	1.5	3
4157	Unveiling Endophytic Bacterial Community Structures of Different Rice Cultivars Grown in a Cadmium-Contaminated Paddy Field. Frontiers in Microbiology, 2021, 12, 756327.	1.5	13
4158	Serratia plymuthica MBSA-MJ1 Increases Shoot Growth and Tissue Nutrient Concentration in Containerized Ornamentals Grown Under Low-Nutrient Conditions. Frontiers in Microbiology, 2021, 12, 788198.	1.5	2
4159	Influence of Inorganic Metal (Ag, Cu) Nanoparticles on Biological Activity and Biochemical Properties of Brassica napus Rhizosphere Soil. Agriculture (Switzerland), 2021, 11, 1215.	1.4	2
4161	Ecological performance of multifunctional pesticide tolerant strains of Mesorhizobium sp. in chickpea with recommended pendimethalin, ready-mix of pendimethalin and imazethpyr, carbendazim and chlorpyrifos application. Archives of Microbiology, 2022, 204, 117.	1.0	3

#	Article	IF	Citations
4162	The rhizosphere of Sulla spinosissima growing in abandoned mining soils is a reservoir of heavy metals tolerant plant growth-promoting rhizobacteria. Biocatalysis and Agricultural Biotechnology, 2022, 39, 102236.	1.5	5
4163	Production of di-rhamnolipid with simultaneous distillery wastewater degradation and detoxification by newly isolated Pseudomonas aeruginosa SRRBL1. Journal of Cleaner Production, 2022, 336, 130429.	4.6	8
4164	Actinobacteria-mediated serpentine dissolution and implication for biosignatures on Mars. Chemical Geology, 2022, 590, 120697.	1.4	4
4165	Efficacy of citric acid chelate and Bacillus sp. in amelioration of cadmium and chromium toxicity in wheat. Chemosphere, 2022, 290, 133342.	4.2	29
4166	Co-inoculation of indigenous Pseudomonas oryzihabitans and Bradyrhizobium sp. modulates the growth, symbiotic efficacy, nutrient acquisition, and grain yield of soybean. Pedosphere, 2022, 32, 438-451.	2.1	19
4167	Virulence Determinants of Escherichia Coli strains isolated from surgical site infections at selected hospitals in Syria. Bulletin of Pharmaceutical Sciences, 2020, .	0.0	0
4168	IN VITRO SCREENING OF INDIGENOUS RHIZOBIUM ISOLATES OF ARACHIS HYPOGAEA FOR SPECIFIC PLANT GROWTH PROMOTING PHYSIOLOGICAL TRAITS. , 2020, 5, 274-287.		0
4169	Biological Control Using Streptomyces sp. Kp109810 and Different Genotypes of Pepper (Capsicum) Tj ETQq1 1 0.784314 rgBT /Over	0.1	2
4170	<i>Lysinibacillus xylanilyticus</i> Strain GIC41 as a Potential Plant Biostimulant. Microbes and Environments, 2021, 36, n/a.	0.7	7
4171	Biopriming of durum wheat seeds with Newly halotolerant PGPB bacterial isolates for improving their potential of plant growth under stressful conditions. , 0, , .		0
4172	Enhanced Biocontrol of Cucumber Fusarium Wilt by Combined Application of New Antagonistic Bacteria Bacillus amyloliquefaciens B2 and Phenolic Acid-Degrading Fungus Pleurotus ostreatus P5. Frontiers in Microbiology, 2021, 12, 700142.	1.5	5
4173	Autochthonous plant growth-promoting rhizobacteria enhance Thymus vulgaris growth in well-watered and drought-stressed conditions. Zemdirbyste, 2021, 108, 347-354.	0.3	2
4174	Arsenic Resistance Mechanisms in Pseudomonas mendocina SMSKVR-3 Strain Isolated from Khetri Copper Mines, Rajasthan, India. Current Microbiology, 2022, 79, 69.	1.0	2
4175	Genomic insights into the plant-associated lifestyle of Kosakonia radicincitans MUSA4, a diazotrophic plant-growth-promoting bacterium. Systematic and Applied Microbiology, 2022, 45, 126303.	1.2	6
4176	Metabolic properties, gene functions, and biosafety analysis reveal the action of three rhizospheric plant growth-promoting bacteria of Jujuncao (Pennisetum giganteum). Environmental Science and Pollution Research, 2022, 29, 38435-38449.	2.7	4
4177	Pseudomonas Isolates as Potential Biofungicides of Green Mold (Penicillium Digitatum) on Orange Fruit. International Journal of Fruit Science, 2022, 22, 142-150.	1.2	7
4179	Tenacibactins Kâ€“M, cytotoxic siderophores from a coral-associated gliding bacterium of the genus Tenacibaculum. Beilstein Journal of Organic Chemistry, 2022, 18, 110-119.	1.3	6
4180	Ameliorative effects of plant growth promoting bacteria, zinc oxide nanoparticles and oxalic acid on Luffa acutangula grown on arsenic enriched soil. Environmental Pollution, 2022, 300, 118889.	3.7	35

#	Article	IF	Citations
4181	Deciphering Cadmium (Cd) Tolerance in Newly Isolated Bacterial Strain, Ochrobactrum intermedium BB12, and Its Role in Alleviation of Cd Stress in Spinach Plant (Spinacia oleracea L.). Frontiers in Microbiology, 2021, 12, 758144.	1.5	10
4182	Plant Beneficial Deep-Sea Actinobacterium, Dermacoccus abyssi MT1.1T Promote Growth of Tomato (Solanum lycopersicum) under Salinity Stress. Biology, 2022, 11, 191.	1.3	12
4183	Isolation, Classification, and Growth-Promoting Effects of Pantoea sp. YSD J2 from the Aboveground Leaves of Cyperus Esculentus L. var. sativus. Current Microbiology, 2022, 79, 66.	1.0	6
4184	Inducible boron resistance via active efflux in Lysinibacillus and Enterococcus isolates from boron-contaminated agricultural soil. BioMetals, 2022, 35, 215.	1.8	4
4185	Characterization and quantification of two acylated flavonol glycosides from <i>Camellia sinensis</i> and their antibacterial effect on oral pathogens. Beverage Plant Research, 2022, 2, 1-9.	0.6	3
4186	Biological Control of Fusarium culmorum, Fusarium graminearum and Fusarium poae by Antagonistic Yeasts. Pathogens, 2022, 11, 86.	1.2	21
4187	GÃ¼nstige Auswirkungen von pflanzenwachstumsfÃ¶rdernden Rhizobakterien, arbuskulÃren Mykorrhizapilzen und Kompost auf das Wachstum von Salat (Lactuca sativa) unter Feldbedingungen. Gesunde Pflanzen, 2022, 74, 219-235.	1.7	8
4188	Different Green Manures (Vicia villosa and Brassica juncea) Construct Different Fungal Structures, Including Plant-Growth-Promoting Effects, after Incorporation into the Soil. Agronomy, 2022, 12, 323.	1.3	5
4189	Prospecting the plant growthâ€“promoting activities of endophytic bacteria Franconibacter sp. YSD YN2 isolated from Cyperus esculentus L. var. sativus leaves. Annals of Microbiology, 2022, 72, .	1.1	16
4190	Roseobacter group probiotics exhibit differential killing of fish pathogenic Tenacibaculum species. Applied and Environmental Microbiology, 2022, , aem0241821.	1.4	11
4191	Effect of endophytic Bacillus and arbuscular mycorrhiza fungi (AMF) against Fusarium wilt of tomato caused by Fusarium oxysporum f. sp. lycopersici. Egyptian Journal of Biological Pest Control, 2022, 32, .	0.8	33
4192	Correlation Between Antimicrobial Resistance, Virulence Determinants and Biofilm Formation Ability Among Extraintestinal Pathogenic Escherichia coli Strains Isolated in Catalonia, Spain. Frontiers in Microbiology, 2021, 12, 803862.	1.5	7
4193	Modulation in Plant Growth and Drought Tolerance of Wheat Crop upon Inoculation of Drought-tolerant-Bacillus Species Isolated from Hot Arid Soil of India. Journal of Pure and Applied Microbiology, 2022, 16, 246-262.	0.3	4
4194	Exploring Potential of Seed Endophytic Bacteria for Enhancing Drought Stress Resilience in Maize (Zea mays L.). Sustainability, 2022, 14, 673.	1.6	16
4195	Root Morphogenesis of Arabidopsis thaliana Tuned by Plant Growth-Promoting Streptomyces Isolated From Root-Associated Soil of Artemisia annua. Frontiers in Plant Science, 2021, 12, 802737.	1.7	6
4197	The Periplasmic Oxidoreductase DsbA Is Required for Virulence of the Phytopathogen Dickeya solani. International Journal of Molecular Sciences, 2022, 23, 697.	1.8	7
4198	Plant growth-promoting attributes of an endophyte Enterobacter roggenkampii BLS02 isolated from Barleria lupulina Lindl.. Organic Agriculture, 2022, 12, 137-145.	1.2	5
4199	Isolation and Characterization of Endophytes Bacterial Strains of Momordica charantia L. and Their Possible Approach in Stress Management. Microorganisms, 2022, 10, 290.	1.6	17

#	Article	IF	Citations
4200	Role of Selenium-Tolerant Fungi on Plant Growth Promotion and Selenium Accumulation of Maize Plants Grown in Seleniferous Soils. Water, Air, and Soil Pollution, 2022, 233, 1.	1.1	9
4201	PGPR-Mediated Salt Tolerance in Maize by Modulating Plant Physiology, Antioxidant Defense, Compatible Solutes Accumulation and Bio-Surfactant Producing Genes. Plants, 2022, 11, 345.	1.6	118
4202	Application of TrichodermaÂharzianum Strain KABOFT4 for Management of Tomato Bacterial Wilt Under Greenhouse Conditions. Gesunde Pflanzen, 2022, 74, 413-421.	1.7	7
4203	Multifarious Indigenous Diazotrophic Rhizobacteria of Rice (Oryza sativa L.) Rhizosphere and Their Effect on Plant Growth Promotion. Frontiers in Nutrition, 2021, 8, 781764.	1.6	19
4205	Characterization of root-endophytic actinobacteria from cactus (Opuntia ficus-indica) for plant growth promoting traits. Archives of Microbiology, 2022, 204, 150.	1.0	7
4206	Native Rhizospheric and Endophytic Fungi as Sustainable Sources of Plant Growth Promoting Traits to Improve Wheat Growth under Low Nitrogen Input. Journal of Fungi (Basel, Switzerland), 2022, 8, 94.	1.5	12
4207	Kocuria Strains from Unique Radon Spring Water from Jachymov Spa. Fermentation, 2022, 8, 35.	1.4	6
4208	Negatively Regulated Aerobactin and Desferrioxamine E by Fur in Pantoea ananatis Are Required for Full Siderophore Production and Antibacterial Activity, but Not for Virulence. Applied and Environmental Microbiology, 2022, 88, aem0240521.	1.4	1
4209	Identification of heavy metals tolerant Brevundimonas sp. from rhizospheric zone of Saccharum munja L. and their efficacy in in-situ phytoremediation. Chemosphere, 2022, 295, 133823.	4.2	29
4210	The characterization of Streptomyces alfalfae strain 11F and its effect on seed germination and growth promotion in switchgrass. Biomass and Bioenergy, 2022, 158, 106360.	2.9	4
4211	Bacterial inoculant-assisted phytoremediation affects trace element uptake and metabolite content in Salix atrocinerea. Science of the Total Environment, 2022, 820, 153088.	3.9	1
4212	Siderophores: an alternative bioremediation strategy?. Science of the Total Environment, 2022, 819, 153144.	3.9	50
4213	Bacterial inoculations mitigate different forms of iron (Fe) stress and enhance nutrient uptake in rice seedlings (Oryza sativa L.). Environmental Technology and Innovation, 2022, 26, 102326.	3.0	12
4214	Cadmium-tolerant facultative endophytic Rhizobium larrymoorei S28 reduces cadmium availability and accumulation in rice in cadmium-polluted soil. Environmental Technology and Innovation, 2022, 26, 102294.	3.0	5
4215	Adding a diazo-transfer reagent to culture to generate secondary metabolite probes for click chemistry. Methods in Enzymology, 2022, 665, 49-71.	0.4	0
4216	Enhancing the growth and disease suppression ability of Pseudomonas fluorescens. , 2022, , 351-368.		5
4217	Biocontrol potential and antifungal mechanism of a novel Streptomyces sichuanensis against Fusarium oxysporum f. sp. cubense tropical race 4 in vitro and in vivo. Applied Microbiology and Biotechnology, 2022, 106, 1633-1649.	1.7	11
4218	The ubiquitous catechol moiety elicits siderophore and angucycline production in Streptomyces. Communications Chemistry, 2022, 5, .	2.0	9

#	Article	IF	Citations
4219	The potency of culturable fungi from tidal and non-tidal swamplands in Indonesia. IOP Conference Series: Earth and Environmental Science, 2022, 976, 012036.	0.2	0
4220	Characterization of PGPR isolated from rhizospheric soils of various plant and its effect on growth of radish (Raphanus sativus L.). IOP Conference Series: Earth and Environmental Science, 2022, 976, 012037.	0.2	1
4221	Rhizobiales -Specific RirA Represses a Naturally â€œSyntheticâ€•Foreign Siderophore Gene Cluster To Maintain Sinorhizobium -Legume Mutualism. MBio, 2022, 13, e0290021.	1.8	4
4222	Dual RNA sequencing reveals dendritic cell reprogramming in response to typhoidal Salmonella invasion. Communications Biology, 2022, 5, 111.	2.0	11
4223	Salt Tolerant Indigenous Zn Solubilizing Bacteria Isolated from Forest Organic Soils Promotes Yield and Root Growth in Oryza Sativa under Zinc Deficient Alluvial Soil. Geomicrobiology Journal, 0, , 1-12.	1.0	3
4224	Effect of Burkholderia sp. and Pseudomonas spp. inoculation on growth, yield, and absorption of inorganic components in tomato â€˜Micro-Tomâ€™ under salinity conditions. Journal of Plant Interactions, 2022, 17, 277-289.	1.0	3
4225	Isolation and Screening of 1-aminocyclopropane-1-carboxylic acid (ACC) deaminase producing PGPR from Paeonia lactiflora rhizosphere and enhancement of plant growth. Scientia Horticulturae, 2022, 297, 110956.	1.7	16
4226	Comparative Study of Heavy Metal Uptake and Analysis of Plant Growth Promotion Potential of Multiple Heavy Metal-Resistant Bacteria Isolated From Arable Land. Current Microbiology, 2022, 79, 7.	1.0	6
4227	Diversity of Bacterial Endophytes of Maize (Zea mays) and Their Functional Potential for Micronutrient Biofortification. Current Microbiology, 2022, 79, 6.	1.0	13
4229	Biocontrol Potential of Endophytic Actinobacteria against Fusarium solani, the Causal Agent of Sudden Decline Syndrome on Date Palm in the UAE. Journal of Fungi (Basel, Switzerland), 2022, 8, 8.	1.5	24
4230	Genomic and Metabolomic Insights into Secondary Metabolites of the Novel Bacillus halotolerans Hil4, an Endophyte with Promising Antagonistic Activity against Gray Mold and Plant Growth Promoting Potential. Microorganisms, 2021, 9, 2508.	1.6	16
4231	Bacterial Endophytes as a Promising Approach to Enhance the Growth and Accumulation of Bioactive Metabolites of Three Species of Chenopodium Sprouts. Plants, 2021, 10, 2745.	1.6	13
4233	Investigating the Potential of Endophytic Lactic Acid Bacteria Isolated from Papaya Seeds as Plant Growth Promoter and Antifungal Agent. Pertanika Journal of Science and Technology, 2022, 45, 207-233.	0.1	4
4234	Non-Rhizobial Endophytes Associated with Nodules of Vigna radiata L. and Their Combined Activity with Rhizobium sp.. Current Microbiology, 2022, 79, 103.	1.0	7
4235	Extremophiles as Plant Probiotics to Promote Germination and Alleviate Salt Stress in Soybean. Journal of Plant Growth Regulation, 2023, 42, 946-959.	2.8	4
4236	Decoding the Plant Growth Promotion and Antagonistic Potential of Bacterial Endophytes From Ocimum sanctum Linn. Against Root Rot Pathogen Fusarium oxysporum in Pisum sativum. Frontiers in Plant Science, 2022, 13, 813686.	1.7	12
4237	Application of Psychrotolerant Antarctic Bacteria and Their Metabolites as Efficient Plant Growth Promoting Agents. Frontiers in Bioengineering and Biotechnology, 2022, 10, 772891.	2.0	15
4238	Modulation in Biofertilization and Biofortification of Wheat Crop by Inoculation of Zinc-Solubilizing Rhizobacteria. Frontiers in Plant Science, 2022, 13, 777771.	1.7	18

#	Article	IF	Citations
4240	Induction of Systemic Resistance against Sheath Blight in Rice by Different Pseudomonas Isolates. Life, 2022, 12, 349.	1.1	9
4241	Comparative Response of Phosphate Solubilizing Indigenous Bacillus licheniformis, Pantoea dispersa and Staphylococcus sp. From Rice Rhizosphere for Their Multifarious Growth Promoting Characteristics. Geomicrobiology Journal, 2022, 39, 445-452.	1.0	3
4242	Metallophores production by bacteria isolated from heavy metal-contaminated soil and sediment at Lermaâ€“Chapala Basin. Archives of Microbiology, 2022, 204, 180.	1.0	3
4243	Antagonistic and growth-promoting potential of multifarious bacterial endophytes against Fusarium wilt of chickpea. Egyptian Journal of Biological Pest Control, 2022, 32, .	0.8	12
4244	A Pseudomonas aeruginosa PQS quorum-sensing system inhibitor with anti-staphylococcal activity sensitizes polymicrobial biofilms to tobramycin. Cell Chemical Biology, 2022, 29, 1187-1199.e6.	2.5	20
4245	Variation of the seed endophytic bacteria among plant populations and their plant growthâ€promoting activities in a wild mustard plant species, Capsella bursaâ€pastoris. Ecology and Evolution, 2022, 12, e8683.	0.8	9
4246	Genotype to ecotype in niche environments: adaptation of Arthrobacter to carbon availability and environmental conditions. ISME Communications, 2022, 2, .	1.7	9
4247	Bacillus altitudinis HNH7 and Bacillus velezensis HNH9 promote plant growth through upregulation of growth-promoting genes in upland cotton. Journal of Applied Microbiology, 2022, 132, 3812-3824.	1.4	13
4248	Heterologous Expression and Biochemical Analysis Reveal a Schizokinen-Based Siderophore Pathway in Leptolyngbya (Cyanobacteria). Applied and Environmental Microbiology, 2022, 88, e0237321.	1.4	3
4249	Genetic Diversity and Characterization of Plant Growth-Promoting Effects of Bacteria Isolated from Rhizospheric Soils. Current Microbiology, 2022, 79, 132.	1.0	12
4250	Biocontrol of Macrophomina phaseolina Using Bacillus amyloliquefaciens Strains in Cowpea (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	11
4251	An Evaluation of Aluminum Tolerant Pseudomonas aeruginosa A7 for In Vivo Suppression of Fusarium Wilt of Chickpea Caused by Fusarium oxysporum f. sp. ciceris and Growth Promotion of Chickpea. Microorganisms, 2022, 10, 568.	1.6	5
4252	Fenton-Mediated Chlorophenol Degradation by Iron-Reducing Compounds Isolated from Endophytic Fungi in Atacama Puna Plateau Lecanicillium ATA01. Fermentation, 2022, 8, 147.	1.4	0
4253	Salt Stress Alleviation in Triticum aestivum Through Primary and Secondary Metabolites Modulation by Aspergillus terreus BTK-1. Frontiers in Plant Science, 2022, 13, 779623.	1.7	9
4254	Enhancing productivity of perennial aromatic grasses on marginal lands through plant growth promoting rhizobacteria. Land Degradation and Development, 2022, 33, 2972-2982.	1.8	4
4255	Reclassification of Enterobacter sp. FY-07 as Kosakonia oryzendophytica FY-07 and Its Potential to Promote Plant Growth. Microorganisms, 2022, 10, 575.	1.6	5
4256	Identification and Characterization of Bacillus tequilensis GYUN-300: An Antagonistic Bacterium Against Red Pepper Anthracnose Caused by Colletotrichum acutatum in Korea. Frontiers in Microbiology, 2022, 13, 826827.	1.5	7
4257	Growth Promotion of Phaseolus vulgaris and ArabidopsisÂthaliana Seedlings by Streptomycetes Volatile Compounds. Plants, 2022, 11, 875.	1.6	3

#	Article	IF	Citations
4258	InÂvivo growth of Staphylococcus lugdunensis is facilitated by the concerted function of heme and non-heme iron acquisition mechanisms. Journal of Biological Chemistry, 2022, 298, 101823.	1.6	6
4259	Priority Effects in the Apple Flower Determine If the Siderophore Desferrioxamine Is a Virulence Factor for Erwinia amylovora CFBP1430. Applied and Environmental Microbiology, 2022, 88, e0243321.	1.4	5
4260	Characterization of broad-spectrum biocontrol efficacy of Bacillus velezensis against Fusarium oxysporum in Triticum aestivum L.. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2022, 50, 12590.	0.5	4
4261	Tobacco Plant Growth-Promoting and Antifungal Activities of Three Endophytic Yeast Strains. Plants, 2022, 11, 751.	1.6	10
4262	In-Depth Characterization of Plant Growth Promotion Potentials of Selected Alkanes-Degrading Plant Growth-Promoting Bacterial Isolates. Frontiers in Microbiology, 2022, 13, 863702.	1.5	16
4263	Genome Sequencing of Rahnella victoriana JZ-GX1 Provides New Insights Into Molecular and Genetic Mechanisms of Plant Growth Promotion. Frontiers in Microbiology, 2022, 13, 828990.	1.5	5
4264	Unraveling the Tropaeolum majus L. (Nasturtium) Root-Associated Bacterial Community in Search of Potential Biofertilizers. Microorganisms, 2022, 10, 638.	1.6	4
4265	Amamistatins isolated from Nocardia altamirensis. Beilstein Journal of Organic Chemistry, 2022, 18, 360-367.	1.3	0
4266	Cadmium-Tolerant Plant Growth-Promoting Bacteria Curtobacterium oceanosedimentum Improves Growth Attributes and Strengthens Antioxidant System in Chili (Capsicum frutescens). Sustainability, 2022, 14, 4335.	1.6	12
4268	Effect of rhizobial isolates and nitrogen fertilizers on nursery performance, nodulation behavior and nitrogenase activity of Dalbergia sissoo Roxb. seedlings. Plant Stress, 2022, 4, 100080.	2.7	5
4269	Conjoint application of novel bacterial isolates on dynamic changes in oxidative stress responses of axenic Brassica juncea L. in Hg-stress soils. Journal of Hazardous Materials, 2022, 434, 128854.	6.5	3
4270	Alleviation of Salt Stress via Habitat-Adapted Symbiosis. Forests, 2022, 13, 586.	0.9	8
4271	Amelioration of aluminum phytotoxicity in Solanum lycopersicum by co-inoculation of plant growth promoting Kosakonia radicincitans strain CABV2 and Streptomyces corchorusii strain CASL5. Science of the Total Environment, 2022, 832, 154935.	3.9	20
4272	Salt-tolerant bacteria enhance the growth of mung bean (Vigna radiata L.) and uptake of nutrients, and mobilize sodium ions under salt stress condition. International Journal of Phytoremediation, 2023, 25, 66-73.	1.7	9
4273	New rhizobacteria strains with effective antimycotic compounds against rhizome rot pathogens and identification of genes encoding antimicrobial peptides. Rhizosphere, 2022, 22, 100515.	1.4	7
4274	Identification, Characterization, and Efficacy Evaluation of Bacillus velezensis for Shot-Hole Disease Biocontrol in Flowering Cherry. Plant Pathology Journal, 2022, 38, 115-130.	0.7	9
4275	Abandoned agriculture soil can be recultivated by promoting biological phosphorus fertility when amended with nano-rock phosphate and suitable bacterial inoculant. Ecotoxicology and Environmental Safety, 2022, 234, 113385.	2.9	13
4276	Screening of Siderophore-Producing Bacteria and Their Effects on Promoting the Growth of Plants. Current Microbiology, 2022, 79, 150.	1.0	14

#	Article	IF	Citations
4277	Quantitative proteomics and phosphoproteomics elucidate the molecular mechanism of nanostructured TiO2-stimulated biofilm formation. Journal of Hazardous Materials, 2022, 432, 128709.	6.5	4
4278	Plant growth-promoting rhizobacteria - Bacillus cereus KMT-5 and B. megaterium KMT-8 effectively suppressed Meloidogyne javanica infection. Applied Soil Ecology, 2022, 174, 104419.	2.1	15
4279	Tobacco-associated with Methylophilus sp. FP-6 enhances phytoremediation of benzophenone-3 through regulating soil microbial community, increasing photosynthetic capacity and maintaining redox homeostasis of plant. Journal of Hazardous Materials, 2022, 431, 128588.	6.5	33
4280	Optimization of eco-friendly amendments as sustainable asset for salt-tolerant plant growth-promoting bacteria mediated maize (Zea Mays L.) plant growth, Na uptake reduction and saline soil restoration. Environmental Research, 2022, 211, 113081.	3.7	37
4281	Analysis of the Genome of the Heavy Metal Resistant and Hydrocarbon-Degrading Rhizospheric Pseudomonas qingdaonensis ZCR6 Strain and Assessment of Its Plant-Growth-Promoting Traits. International Journal of Molecular Sciences, 2022, 23, 214.	1.8	15
4282	Potencial de Bacillus spp. em promover o crescimento e controlar Fusarium verticillioides em milho. Summa Phytopathologica, 2021, 47, 195-203.	0.3	1
4283	Investigation on the possible use of antagonistic bacteria in biological control of parsley bacterial leaf spot disease (Pseudomonas syringae pv. apii). Mustafa Kemal Ãœniversitesi TarÄ±m Bilimleri Dergisi, 2021, 26, 649-660.	0.1	2
4284	Functional characterization of culturable fungi from microbiomes of the â€œconical cobsâ€•Mexican maize (Zea mays L.) landrace. Archives of Microbiology, 2022, 204, 57.	1.0	3
4285	Phenol biodegradation by plant growth promoting bacterium, S. odorifera: kinetic modeling and process optimization. Archives of Microbiology, 2022, 204, 104.	1.0	3
4286	Taxonomic and Metabolite Diversities of Moss-Associated Actinobacteria from Thailand. Metabolites, 2022, 12, 22.	1.3	4
4287	Selection of ACC deaminase positive, thermohalotolerant and drought tolerance enhancing plant growth-promoting bacteria from rhizospheres of Cyamopsis tetragonoloba grown in arid regions. Letters in Applied Microbiology, 2022, 74, 519-535.	1.0	4
4288	Impact of Pseudomonas spp. on Plant Growth, Lytic Enzymes and Secondary Metabolites Production. Frontiers in Agronomy, 2021, 3, .	1.5	3
4289	Plant growth promoting potential of multifarious endophytic Pseudomonas lini strain isolated from Cicer arietinum L.. Israel Journal of Plant Sciences, 2021, 69, 50-60.	0.3	3
4290	Effect of plant growth-promoting rhizobacterial treatment on growth and physiological characteristics of Triticum aestivum L. under salt stress. Applied Biological Chemistry, 2021, 64, .	0.7	10
4291	Evaluation of Symbiotic Association between Various Rhizobia, Capable of Producing Plant-Growth-Promoting Biomolecules, and Mung Bean for Sustainable Production. Sustainability, 2021, 13, 13832.	1.6	4
4292	Seed Endophytic Bacteria of Pearl Millet (Pennisetum glaucum L.) Promote Seedling Development and Defend Against a Fungal Phytopathogen. Frontiers in Microbiology, 2021, 12, 774293.	1.5	19
4293	Friendly microbes help rice to grow and suppress its pathogens: Trichoderma and Bacillus Vs Xanthomonas in rice. Environment Conservation Journal, 0, , 197-209.	0.1	1
4294	Effect ofBacillus velezensis JC-K3 on Endophytic Bacterial and Fungal Diversity in Wheat Under Salt Stress. Frontiers in Microbiology, 2021, 12, 802054.	1.5	14

#	Article	IF	Citations
4295	Root-Derived Endophytic Diazotrophic Bacteria Pantoea cypripedii AF1 and Kosakonia arachidis EF1 Promote Nitrogen Assimilation and Growth in Sugarcane. Frontiers in Microbiology, 2021, 12, 774707.	1.5	17
4296	Biosynthesis Pathways, Transport Mechanisms and Biotechnological Applications of Fungal Siderophores. Journal of Fungi (Basel, Switzerland), 2022, 8, 21.	1.5	18
4297	Chryseobacterium lecithinasegens sp. nov., a siderophore-producing bacterium isolated from soil at the bottom of a pond. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	7
4298	The diversity of bacterial endophytes from Iris pseudacorus L. and their plant beneficial traits. Current Research in Microbial Sciences, 2022, 3, 100133.	1.4	0
4300	Bacillus subtilis suppresses the charcoal rot disease by inducing defence responses and physiological attributes in soybean. Archives of Microbiology, 2022, 204, 266.	1.0	4
4301	Bacillus mojavensis, a Metal-Tolerant Plant Growth-Promoting Bacterium, Improves Growth, Photosynthetic Attributes, Gas Exchange Parameters, and Alkalo-Polyphenol Contents in Silver Nanoparticle (Ag-NP)-Treated Withania somnifera L. (Ashwagandha). ACS Omega, 2022, 7, 13878-13893.	1.6	21
4302	Native Heavy Metal-Tolerant Plant Growth Promoting Rhizobacteria Improves Sulla spinosissima (L.) Growth in Post-Mining Contaminated Soils. Microorganisms, 2022, 10, 838.	1.6	25
4303	Simultaneous biodegradation of Î»-cyhalothrin pesticide and Vicia faba growth promotion under greenhouse conditions. AMB Express, 2022, 12, 44.	1.4	11
4304	An Alliance of Trifolium repensâ€"Rhizobium leguminosarum bv. trifoliiâ€"Mycorrhizal Fungi From an Old Zn-Pb-Cd Rich Waste Heap as a Promising Tripartite System for Phytostabilization of Metal Polluted Soils. Frontiers in Microbiology, 2022, 13, 853407.	1.5	7
4306	The siderophore-producing bacterium, Bacillus siamensis Gxun-6, has an antifungal activity against Fusarium oxysporum and promotes the growth of banana. Egyptian Journal of Biological Pest Control, 2022, 32, .	0.8	13
4307	Iron Effects on Clostridioides difficile Toxin Production and Antimicrobial Susceptibilities. Antibiotics, 2022, 11, 537.	1.5	6
4308	Improved Medicago sativa Nodulation under Stress Assisted by Variovorax sp. Endophytes. Plants, 2022, 11, 1091.	1.6	17
4309	Seed-Borne Probiotic Yeasts Foster Plant Growth and Elicit Health Protection in Black Gram (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	11
4442	Whole Genome, Functional Annotation and Comparative Genomics of Plant Growth-Promoting Bacteria Pseudomonas aeruginosa (NG61) with Potential Application in Agro-Industry. Current Microbiology, 2022, 79, 169.	1.0	3
4443	Growth and siderophore production by Bordetella pertussis under iron-restricted conditions. FEMS Microbiology Letters, 1990, 54, 101-5.	0.7	29
4444	Isolation and partial characterization of a compound with siderophore activity from Vibrio parahaemolyticus. FEMS Microbiology Letters, 1992, 73, 181-6.	0.7	4
4445	Dynamics, phylogeny and phyto-stimulating potential of chitinase synthesizing bacterial root endosymbiosiome of North Western Himalayan Brassica rapa L.. Scientific Reports, 2022, 12, 6742.	1.6	8
4446	Siderophore production in pseudomonas SP. strain <scp>SP3</scp> enhances iron acquisition in apple rootstock. Journal of Applied Microbiology, 2022, , .	1.4	11

#	Article	IF	Citations
4450	Efflux-Linked Accelerated Evolution of Antibiotic Resistance at a Population Edge. SSRN Electronic Journal, 0, , .	0.4	0
4451	Proteome and Physiological Characterization of Halotolerant Nodule Endophytes: The Case of Rahnella aquatilis and Serratia plymuthica. Microorganisms, 2022, 10, 890.	1.6	3
4452	Kinetic modeling and bioremediation study to remove Congo red (Direct Red 28) azo dye using Lactobacillus paracasei SRCM 208836. Separation Science and Technology, 0, , 1-10.	1.3	0
4453	Association between Virulence Factors and Antimicrobial Resistance of Klebsiella pneumoniae Clinical Isolates from North Kerala. Journal of Pure and Applied Microbiology, 0, , .	0.3	0
4454	Role of Nodulation-Enhancing Rhizobacteria in the Promotion of Medicago sativa Development in Nutrient-Poor Soils. Plants, 2022, 11, 1164.	1.6	10
4455	Diversity and antimicrobial potential of the culturable rhizobacteria from medicinal plant Baccharis trimera Less D.C.. Brazilian Journal of Microbiology, 2022, , 1.	0.8	0
4456	Streptomyces species from the rhizosphere of the medicinal plant Artemisia herba-alba Asso: screening for biological activities. , 2022, 77, 2281-2299.		3
4457	Biodegradation of 4-nitroaniline by novel isolate Bacillus sp. strain AVPP64 in the presence of pesticides. Environmental Pollution, 2022, 306, 119453.	3.7	13
4458	Phosphate-Solubilizing Bacteria Isolated from Phosphate Solid Sludge and Their Ability to Solubilize Three Inorganic Phosphate Forms: Calcium, Iron, and Aluminum Phosphates. Microorganisms, 2022, 10, 980.	1.6	18
4459	Strain Klebsiella ZP-2 inoculation activating soil nutrient supply and altering soil phosphorus cycling. Journal of Soils and Sediments, 2022, 22, 2146-2157.	1.5	3
4460	Biopriming of Durum Wheat Seeds with Endophytic Diazotrophic Bacteria Enhances Tolerance to Fusarium Head Blight and Salinity. Microorganisms, 2022, 10, 970.	1.6	6
4461	Disease Inhibiting Effect of Strain Bacillus subtilis EG21 and Its Metabolites Against Potato Pathogens Phytophthora infestans and Rhizoctonia solani. Phytopathology, 2022, 112, 2099-2109.	1.1	16
4462	ACC deaminase producing rhizobacterium Enterobacter cloacae ZNP-4 enhance abiotic stress tolerance in wheat plant. PLoS ONE, 2022, 17, e0267127.	1.1	19
4463	Evaluation of the effect of potassium solubilizing bacterial strains on the growth of wheat (Triticum aestivum L.). Journal of Plant Nutrition, 2023, 46, 1479-1490.	0.9	2
4464	Regulating Root Fungal Community Using Mortierella alpina for Fusarium oxysporum Resistance in Panax ginseng. Frontiers in Microbiology, 2022, 13, .	1.5	12
4465	Bacillus subtilis HG-15, a Halotolerant Rhizoplane Bacterium, Promotes Growth and Salinity Tolerance in Wheat (Triticum aestivum). BioMed Research International, 2022, 2022, 1-16.	0.9	19
4466	FE-SEM/EDX Based Zinc Mobilization Analysis of Burkholderia cepacia and Pantoea rodasii and Their Functional Annotation in Crop Productivity, Soil Quality, and Zinc Biofortification of Paddy. Frontiers in Microbiology, 2022, 13, .	1.5	12
4467	A Potential Biofertilizerâ€"Siderophilic Bacteria Isolated From the Rhizosphere of Paris polyphylla var. yunnanensis. Frontiers in Microbiology, 2022, 13, .	1.5	15

#	Article	IF	Citations
4468	Molecular Identification and Characterization of Plant Growth Promoting Rhizobacteria and their Effect on Seed Germination and Vigour Index of Barley (Hordeum vulgare L.). Journal of Pure and Applied Microbiology, 0, , .	0.3	1
4469	Improvement of the Cd and Zn phytoremediation efficiency of rice (Oryza sativa) through the inoculation of a metal-resistant PGPR strain. Chemosphere, 2022, 302, 134900.	4.2	27
4470	Lantana charcoal as potent carrier material for Azotobacter chroococcum. Bodenkultur, 2021, 72, 83-91.	0.1	2
4471	Improved growth and metabolite accumulation in Codonopsis pilosula (Franch.) Nannf. by inoculation with the endophytic Geobacillu sp. RHBA19 and Pseudomonas fluorescens RHBA17. Journal of Plant Physiology, 2022, 274, 153718.	1.6	7
4472	Exploring plant growth-promoting rhizobacteria as stress alleviators: a methodological insight. Archives of Microbiology, 2022, 204, 316.	1.0	5
4473	ACTIVIDAD ANTIFÃšNGICA Y CARACTERÃSTICAS DE PROMOCIÃ“N DE CRECIMIENTO VEGETAL DE Pseudomonas aeruginosa y Enterobacter sp. DEGRADADORAS DE HIDROCARBUROS AISLADAS DE SUELO CONTAMINADO. Acta Biologica Colombiana, 2022, 27, .	0.1	0
4474	Maize-associated Meyerozyma from the Brazilian semiarid region are effective plant growth-promoting yeasts. Rhizosphere, 2022, 22, 100538.	1.4	4
4475	Development of siderophore-based rhizobacterial consortium for the mitigation of biotic and abiotic environmental stresses in tomatoes: Anin vitroandin plantaapproach. Journal of Applied Microbiology, 2022, 133, 3276-3287.	1.4	6
4476	Combined inoculation of phosphate solubilizing bacteria with mycorrhizae to alleviate the phosphate deficiency in Banana. , 2022, 77, 2657-2666.		3
4477	Plant growth-promoting actinobacterial inoculant assisted phytoremediation increases cadmium uptake in Sorghum bicolor under drought and heat stresses. Environmental Pollution, 2022, 307, 119489.	3.7	17
4478	Tumebacillus amylolyticus sp. nov., isolated from garden soil in Korea. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	0.8	8
4479	Genomic and Phenotypic Insights into the Potential of Bacillus subtilis YB-15 Isolated from Rhizosphere to Biocontrol against Crown Rot and Promote Growth of Wheat. Biology, 2022, 11, 778.	1.3	10
4481	Potential applications of mineral solubilizing rhizospheric and nitrogen fixing endophytic bacteria as microbial consortium for the growth promotion of chilli (Capsicum annum L.). , 0, , .		10
4482	2,4-Diacetylphloroglucinol producing Pseudomonas fluorescens JM-1 for management of ear rot disease caused by Fusarium moniliforme in Zea mays L.. 3 Biotech, 2022, 12, .	1.1	3
4483	Isolation of Endophytic Fungi from Halophytic Plants and their Identification and Screening for Auxin Production and Other Plant Growth Promoting Traits. Journal of Plant Growth Regulation, 2023, 42, 4707-4723.	2.8	5
4484	Evaluation of the Ability of Rhizobacterial Isolates to Solubilize Sparingly Soluble Iron Under In-vitro Conditions. Geomicrobiology Journal, 2022, 39, 804-815.	1.0	3
4485	Siderophores of Bacillus pumilus promote 2â€ketoâ€Lâ€gulonic acid production in a vitamin C microbial fermentation system. Journal of Basic Microbiology, 2022, 62, 833-842.	1.8	10
4486	Potential role of rhizobia to enhance chickpea-growth and yield in low fertility-soils of Tunisia. Antonie Van Leeuwenhoek, 0, , .	0.7	0

#	Article	IF	Citations
4487	A Diaporthe Fungal Endophyte From a Wild Grass Improves Growth and Salinity Tolerance of Tritordeum and Perennial Ryegrass. Frontiers in Plant Science, 2022, 13, .	1.7	7
4488	Barley Rhizosphere Microbiome Transplantation â€“ A Strategy to Decrease Susceptibility of Barley Grown in Soils With Low Microbial Diversity to Powdery Mildew. Frontiers in Microbiology, 2022, 13, .	1.5	8
4489	Selection of Newly Identified Growth-Promoting Archaea Haloferax Species With a Potential Action on Cobalt Resistance in Maize Plants. Frontiers in Plant Science, 2022, 13, .	1.7	6
4490	Streptomycetaceae and Promicromonosporaceae: Two Actinomycetes Families from Moroccan Oat Soils Enhancing Solubilization of Natural Phosphate. Microorganisms, 2022, 10, 1116.	1.6	1
4491	Priestia sp. LWS1 Is a Selenium-Resistant Plant Growth-Promoting Bacterium That Can Enhance Plant Growth and Selenium Accumulation in Oryza sativa L.. Agronomy, 2022, 12, 1301.	1.3	8
4492	Shielding of Photosynthetic Apparatus by Consortia of Bacterial Endophytes in Tomato Plants Suffering From Fusarium Wilt. Frontiers in Agronomy, 2022, 4, .	1.5	1
4493	Identification and Characterization of a Multifunctional Biocontrol Agent, Streptomyces griseorubiginosus LJS06, Against Cucumber Anthracnose. Frontiers in Microbiology, 2022, 13, .	1.5	6
4494	Roles of SmeYZ, SbiAB, and SmeDEF Efflux Systems in Iron Homeostasis of Stenotrophomonas maltophilia. Microbiology Spectrum, 2022, 10, .	1.2	8
4495	Isolation of bacterial strains from compost teas and screening of their PGPR properties on potato plants. Environmental Science and Pollution Research, 2022, 29, 75365-75379.	2.7	10
4496	Enhancing the Phytoremediation of Heavy Metals by Combining Hyperaccumulator and Heavy Metal-Resistant Plant Growth-Promoting Bacteria. Frontiers in Plant Science, 2022, 13, .	1.7	8
4497	Functional characterization of novel phosphate solubilizing bacteria, Chryseomicrobium imtechense, for enhanced strawberry growth and yield parameters. Arabian Journal of Geosciences, 2022, 15, .	0.6	0
4498	Effects of 4â€Brâ€A23187 on Bacillus subtilis cells and unilamellar vesicles reveal it to be a potent copper ionophore. Proteomics, 2022, 22, .	1.3	6
4499	Isolation of soybean-specific plant growth-promoting rhizobacteria using soybean agglutin and evaluation of their effects to improve soybean growth, yield, and soil nutritional status. Microbiological Research, 2022, 261, 127076.	2.5	6
4502	Fabrication and characterization of nano-hydroxyapatite particles and assessment of the effect of their supplementation on growth of bacterial root endosymbionts of cowpea. Inorganic and Nano-Metal Chemistry, 0, , 1-11.	0.9	1
4503	Effect of beneficial indigenous microorganisms on tomato growth performance, productivity, and protection against Verticillium dahliae. Journal of Plant Diseases and Protection, 2022, 129, 1163-1180.	1.6	3
4504	Detection of Virulence-Associated Genes and in vitro Gene Transfer From Aeromonas sp. Isolated From Aquatic Environments of Sub-himalayan West Bengal. Frontiers in Veterinary Science, 0, 9, .	0.9	3
4505	Pseudomonas aeruginosa Ld-08 isolated from Lilium davidii exhibits antifungal and growth-promoting properties. PLoS ONE, 2022, 17, e0269640.	1.1	8
4506	An Isolated Arthrobacter sp. Enhances Rice (Oryza sativa L.) Plant Growth. Microorganisms, 2022, 10, 1187.	1.6	14

#	Article	IF	Citations
4507	Bioprospecting Fluorescent Pseudomonas from the Brazilian Amazon for the Biocontrol of Signal Grass Foliar Blight. Agronomy, 2022, 12, 1395.	1.3	3
4508	Removal of Dinotefuran, Thiacloprid, and Imidaclothiz Neonicotinoids in Water Using a Novel Pseudomonas monteilii FC02â€“Duckweed (Lemna aequinoctialis) Partnership. Frontiers in Microbiology, 0, 13, .	1.5	5
4509	Design, Synthesis, and Quorum Quenching Potential of Novel Catecholâ€“Zingerone Conjugate to Find an Elixir to Tackle Pseudomonas aeruginosa Through the Trojan Horse Strategy. Frontiers in Chemistry, 0, 10, .	1.8	2
4510	Molecular characterization of plant growth-promoting vermi-bacteria associated with Eisenia fetida gastrointestinal tract. PLoS ONE, 2022, 17, e0269946.	1.1	6
4511	Plant growth-promoting of olive and walnut actinobacteria: isolation, screening PGP traits, antifungal activities, identification, and hydroponic production of wheat. Archives of Agronomy and Soil Science, 2023, 69, 1343-1358.	1.3	9
4512	Nematicidal Activity of Burkholderia arboris J211 Against Meloidogyne incognita on Tobacco. Frontiers in Microbiology, 0, 13, .	1.5	8
4513	Resistance of Dickeya solani strain IPO 2222 to lytic bacteriophage Î¦D5 results in fitness tradeoffs for the bacterium during infection. Scientific Reports, 2022, 12, .	1.6	12
4514	Conditional growth defect of Bordetella pertussis and Bordetella bronchiseptica ferric uptake regulator (fur) mutants. FEMS Microbiology Letters, 2022, 369, .	0.7	2
4515	The Purified Siderophore from Streptomyces tricolor HM10 Accelerates Recovery from Iron-Deficiency-Induced Anemia in Rats. Molecules, 2022, 27, 4010.	1.7	3
4516	Application of plant growth-promoting rhizobacteria combined with compost as a management strategy against Verticillium dahliae in tomato. Canadian Journal of Plant Pathology, 2022, 44, 806-827.	0.8	6
4517	Endophytic bacteria from Euphorbia antiquorum L. protect Solanum lycopersicum L. against bacterial wilt caused by Ralstonia solanacearum. Egyptian Journal of Biological Pest Control, 2022, 32, .	0.8	1
4518	Consortium of plant growth-promoting rhizobacteria enhances oilseed rape (Brassica napus L.) growth under normal and saline conditions. Archives of Microbiology, 2022, 204, .	1.0	8
4519	Draft genome sequence and functional analysis of Lysinibacillus xylanilyticus t26, a plant growth-promoting bacterium isolated from Capsicum chinense rhizosphere. Journal of Biosciences, 2022, 47, .	0.5	2
4520	Potential of potent purple nonsulfur bacteria isolated from rice-shrimp systems to ameliorate rice (Oryza sativa L.) growth and yield in saline acid sulfate soil. Journal of Plant Nutrition, 2023, 46, 473-494.	0.9	10
4521	Co-application of spent mushroom substrate and PGPR alleviates tomato continuous cropping obstacle by regulating soil microbial properties. Rhizosphere, 2022, 23, 100563.	1.4	11
4522	Molecular identification, diversity and functional characterization of fungal communities isolated from Stipa purpurea. South African Journal of Botany, 2022, 149, 117-123.	1.2	1
4523	Antibiotic resistance and siderophores production by clinical Escherichia coli strains. Biotechnologia, 2022, 103, 169-184.	0.3	2
4525	Screening, Evaluation, and Selection of Yeasts with Nitrogen Fixation and Ammonia Production Ability from the Cherry Tomato (Lycopersicon Esculentum VAR. Cerasiforme) Rhizosphere as a Potential Bio-Fertilizer. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	Citations
4526	Phyllosphere of submerged plants: A reservoir of mycobiota. , 2022, , 73-89.		0
4527	Selection and Characterization of Antagonistic Microorganisms for Biological Control of Acidovorax citrulli Causing Fruit Rot in Watermelon. Research in Plant Disease, 2022, 28, 69-81.	0.3	1
4528	Evaluation and Genome Analysis of Bacillus subtilis YB-04 as a Potential Biocontrol Agent Against Fusarium Wilt and Growth Promotion Agent of Cucumber. Frontiers in Microbiology, 0, 13, .	1.5	16
4529	Whole genome sequencing and comparative genomic analyses of Pseudomonas aeruginosa strain isolated from arable soil reveal novel insights into heavy metal resistance and codon biology. Current Genetics, 2022, 68, 481-503.	0.8	7
4530	Cadmium-resistant Chryseobacterium sp. DEMBc1 strain: characteristics and potential to assist phytoremediation and promote plant growth. Environmental Science and Pollution Research, 2022, 29, 83567-83579.	2.7	2
4531	Root Exudates: Mechanistic Insight of Plant Growth Promoting Rhizobacteria for Sustainable Crop Production. Frontiers in Microbiology, 0, 13, .	1.5	74
4532	Characteristics of the Phosphorus-Solubilizing Bacteria Derived from the Rhizosphere of Persimmon Tree in Beijing and their Plant Growth-Promoting Potential. Geomicrobiology Journal, 2022, 39, 939-949.	1.0	1
4533	Biofilm forming rhizobacteria affect the physiological and biochemical responses of wheat to drought. AMB Express, 2022, 12, .	1.4	6
4534	Arsenic and chromium resistance mechanisms in the Micrococcus luteus group. Pedosphere, 2023, 33, 600-611.	2.1	2
4535	Evaluation of Plant Growth-Promoting and Salinity Ameliorating Potential of Halophilic Bacteria Isolated From Saline Soil. Frontiers in Plant Science, 0, 13, .	1.7	24
4536	Effect of the Monothiol Glutaredoxin GrxD on 2,4-Diacetylphloroglucinol Biosynthesis and Biocontrol Activity of Pseudomonas fluorescens 2P24. Frontiers in Microbiology, 0, 13, .	1.5	4
4537	Authentication of putative competitive bacterial endophytes of rice by re-isolation and DNA fingerprinting assay. Journal of Applied Microbiology, 2022, 133, 1808-1820.	1.4	2
4538	Pseudomonas aeruginosa isolate PM1 effectively controls virus infection and promotes growth in plants. Archives of Microbiology, 2022, 204, .	1.0	3
4539	Sulfur-Oxidizing Bacteria From Coal Mine Enhance Sulfur Nutrition in Pigeonpea (Cajanus cajan L.). Frontiers in Environmental Science, 0, 10, .	1.5	8
4540	Genomic and physiological evaluation of two root associated Pseudomonas from Coffea arabica. Microbiological Research, 2022, , 127129.	2.5	1
4541	Flavonoid-attracted Aeromonas sp. from the Arabidopsis root microbiome enhances plant dehydration resistance. ISME Journal, 2022, 16, 2622-2632.	4.4	44
4542	Microbial consortium of mineral solubilizing and nitrogen fixing bacteria for plant growth promotion of amaranth (Amaranthus hypochondrius L.). Biocatalysis and Agricultural Biotechnology, 2022, 43, 102404.	1.5	15
4543	Understanding the mechanism of action of stress-acclimatized rhizospheric microbiome towards salinity stress mitigation in Vigna radiata: A focus on the emission of volatiles. Environmental and Experimental Botany, 2022, 201, 104988.	2.0	1

#	Article	IF	Citations
4544	A manganese-oxidizing bacterium-Enterobacter hormaechei strain DS02Eh01: Capabilities of Mn(II) immobilization, plant growth promotion and biofilm formation. Environmental Pollution, 2022, 309, 119775.	3.7	4
4545	Isolation and molecular identification of an indigenous abiotic stress-tolerant plant growth-promoting rhizobacteria from the rhizosphere of the olive tree in southern Morocco. Rhizosphere, 2022, 23, 100554.	1.4	9
4546	Siderophore, hemolytic, protease, and pyrazinamidase activities and antibiotic resistance in motile Aeromonas isolated from fish. Turkish Journal of Biology, 0, , .	2.1	7
4547	Interactions between rhizosphere microorganisms under iron limitation. Archives of Microbiology, 1993, 160, 68-73.	1.0	6
4548	The Multifarious Endophytic Actinobacterial Isolate, Streptomyces tubercidicus UAE1, Combined With the Seaweed Biostimulant Further Promotes Growth of Avicennia marina. Frontiers in Marine Science, 0, 9, .	1.2	8
4549	Production and Potential Genetic Pathways of Three Different Siderophore Types in Streptomyces tricolor Strain HM10. Fermentation, 2022, 8, 346.	1.4	5
4550	Temporal Dynamics of Endogenous Bacterial Composition in Rice Seeds During Maturation and Storage, and Spatial Dynamics of the Bacteria During Seedling Growth. Frontiers in Microbiology, 0, 13, .	1.5	6
4551	Characterization of plant growth-promoting rhizobacteria (PGPR) in Persian walnut associated with drought stress tolerance. Scientific Reports, 2022, 12, .	1.6	11
4552	Exploring plant growth-promoting, biocatalytic, and antimicrobial potential of salt tolerant rhizospheric Georgenia soli strain TSm39 for sustainable agriculture. Brazilian Journal of Microbiology, 2022, 53, 1817-1828.	0.8	3
4553	Thermal Plasticity and Cotton Production Enhancing Attributes of Phosphate-Solubilizing Bacteria from Cotton Rhizosphere. Journal of Soil Science and Plant Nutrition, 2022, 22, 3885-3900.	1.7	3
4554	The 1-aminocyclopropane-1-carboxylic acid deaminase-producing Streptomyces violaceoruber UAE1 can provide protection from sudden decline syndrome on date palm. Frontiers in Plant Science, 0, 13, .	1.7	9
4555	From Glaciers to Refrigerators: the Population Genomics and Biocontrol Potential of the Black Yeast Aureobasidium subglaciale. Microbiology Spectrum, 2022, 10, .	1.2	8
4556	Salt stress mitigation in Lathyrus cicera by combining different microbial inocula. Physiology and Molecular Biology of Plants, 2022, 28, 1191-1206.	1.4	6
4557	Pathogenicity of Rhizobateria Pseudomonas against Ceratitis CapitataÂWiedemann (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.6	1
4558	Biological Control and Plant Growth Promotion Properties of Volatile Organic Compound-Producing Antagonistic Trichoderma spp.. Frontiers in Plant Science, 0, 13, .	1.7	25
4559	Agronomic efficiency and genome mining analysis of the wheat-biostimulant rhizospheric bacterium Pseudomonas pergaminensis sp. nov. strain 1008T. Frontiers in Plant Science, 0, 13, .	1.7	9
4560	Actinomycin D: a novel Pseudomonas aeruginosa quorum sensing inhibitor from the endophyte Streptomyces cyaneochromogenes RC1. World Journal of Microbiology and Biotechnology, 2022, 38, .	1.7	13
4561	Bacillus thuringiensis PM25 ameliorates oxidative damage of salinity stress in maize via regulating growth, leaf pigments, antioxidant defense system, and stress responsive gene expression. Frontiers in Plant Science, 0, 13, .	1.7	54

#	Article	IF	Citations
4562	Design and validation of cyanobacteria-rhizobacteria consortia for tomato seedlings growth promotion. Scientific Reports, 2022, 12, .	1.6	10
4563	Effects of multiple halotolerant rhizobacteria on the tolerance, growth, and yield of rice plants under salt stress. Folia Microbiologica, 2023, 68, 55-72.	1.1	5
4564	Characterization of halo-tolerant plant growth promoting endophytic Bacillus licheniformis MHN 12. Journal of Genetic Engineering and Biotechnology, 2022, 20, 113.	1.5	8
4566	Synergistic Effect of Azotobacter nigricans and Nitrogen Phosphorus Potassium Fertilizer on Agronomic and Yieldtraits of Maize (Zea mays L.). Frontiers in Plant Science, 0, 13, .	1.7	9
4567	High bacterial diversity and siderophore-producing bacteria collectively suppress Fusarium oxysporum in maize/faba bean intercropping. Frontiers in Microbiology, 0, 13, .	1.5	6
4568	Deciphering the genetic and functional diversity of cultivable bacteria from chasmophytic pigweed (Chenopodium album) from Tsomoriri, Ladakh, India. 3 Biotech, 2022, 12, .	1.1	0
4569	Characterization of an Endophytic Antagonistic Bacterial Strain Bacillus halotolerans LBG-1-13 with Multiple Plant Growth-Promoting Traits, Stress Tolerance, and Its Effects on Lily Growth. BioMed Research International, 2022, 2022, 1-12.	0.9	7
4570	Plant growth-promoting properties of Streptomyces spp. isolates and their impact on mung bean plantletsâ€™ rhizosphere microbiome. Frontiers in Microbiology, 0, 13, .	1.5	10
4571	Transcriptomic Response of the Diazotrophic Bacteria Gluconacetobacter diazotrophicus Strain PAL5 to Iron Limitation and Characterization of the fur Regulatory Network. International Journal of Molecular Sciences, 2022, 23, 8533.	1.8	3
4572	Identification of Key Functions Required for Production and Utilization of the Siderophore Piscibactin Encoded by the High-Pathogenicity Island irp-HPI in Vibrionaceae. International Journal of Molecular Sciences, 2022, 23, 8865.	1.8	2
4574	Effects of the Rhizosphere Fungus Cunninghamella bertholletiae on the Solanum lycopersicum Response to Diverse Abiotic Stresses. International Journal of Molecular Sciences, 2022, 23, 8909.	1.8	5
4575	Chromium phytoextraction and physiological responses of the hyperaccumulator Leersia hexandra Swartz to plant growth-promoting rhizobacterium inoculation. Frontiers of Environmental Science and Engineering, 2023, 17, .	3.3	9
4576	Insights into the functional potential of bacterial endophytes from the ethnomedicinal plant, Piper longum L.. Symbiosis, 2022, 87, 165-174.	1.2	6
4577	Plant growth promoting and antagonistic Enterobacter sp. EPR4 from common bean rhizosphere of garhwal himalayan inhibits a soil-borne pathogen Sclerotinia sclerotiorum. Plant Science Today, 0, , .	0.4	0
4578	PGPR Kosakonia Radicincitans KR-17 Increases the Salt Tolerance of Radish by Regulating Ion-Homeostasis, Photosynthetic Molecules, Redox Potential, and Stressor Metabolites. Frontiers in Plant Science, 0, 13, .	1.7	15
4579	The NtrYX Two-Component System of Paracoccus denitrificans Is Required for the Maintenance of Cellular Iron Homeostasis and for a Complete Denitrification under Iron-Limited Conditions. International Journal of Molecular Sciences, 2022, 23, 9172.	1.8	6
4580	Unraveling the Molecular Basis of Bacillus Megaterium Interactions in Rice for Plant Growth Promotion Through Proteomics and Gene Expression. Journal of Plant Growth Regulation, 0, , .	2.8	1
4581	Synergism of endophytic Bacillus subtilis and Klebsiella aerogenes modulates plant growth and bacoside biosynthesis in Bacopa monnieri. Frontiers in Plant Science, 0, 13, .	1.7	4

#	Article	IF	Citations
4582	Screening of osmotic stress-tolerant bacteria for plant growth promotion in wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 Microbiology, 2022, 75, 1286-1292.	1.0	3
4583	Cold-adapted strains as plant growth-promoting bacteria on soybean seeds and biocontrol agents against Macrophomina phaseolina. Journal of Applied Microbiology, 2022, 133, 2835-2850.	1.4	1
4584	A Mix of Agrobacterium Strains Reduces Nitrogen Fertilization While Enhancing Economic Returns in Field Trials with Durum Wheat in Contrasting Agroclimatic Regions. Journal of Soil Science and Plant Nutrition, 2022, 22, 4816-4833.	1.7	4
4585	Evidence of an intracellular interaction between the Escherichia coli enzymes EntC and EntB and identification of a potential electrostatic channeling surface. Biochimie, 2022, 202, 159-165.	1.3	2
4586	Siderophores Produced by the Fish Pathogen Flavobacterium columnare Strain MS-FC-4 Are Not Essential for Its Virulence. Applied and Environmental Microbiology, 0, , .	1.4	3
4587	Screening of endophytic bacteria isolated from Beta vulgaris and Beta maritima plants for suppression of postharvest sugar beet soft rot agent, Enterobacter roggenkampii. Physiological and Molecular Plant Pathology, 2022, 121, 101892.	1.3	3
4588	Screening, evaluation, and selection of yeasts with high ammonia production ability under nitrogen free condition from the cherry tomato (Lycopersicon esculentum var. cerasiforme) rhizosphere as a potential bio-fertilizer. Rhizosphere, 2022, 23, 100580.	1.4	6
4589	Transformation of arsenic species by diverse endophytic bacteria of rice roots. Environmental Pollution, 2022, 309, 119825.	3.7	11
4590	Suppression of Macrophomina root rot, Fusarium wilt and growth promotion of some pulses by antagonistic rhizobacteria. Physiological and Molecular Plant Pathology, 2022, 121, 101876.	1.3	5
4591	Rice-associated with Bacillus sp. DRL1 enhanced remediation of DEHP-contaminated soil and reduced the risk of secondary pollution through promotion of plant growth, degradation of DEHP in soil and modulation of rhizosphere bacterial community. Journal of Hazardous Materials, 2022, 440, 129822.	6.5	17
4592	Bacillus tequilensis PKDN31 and Bacillus licheniformis PKDL10 â€“As double headed swords to combat Fusarium oxysporum f. sp. lycopersici induced tomato wilt. Microbial Pathogenesis, 2022, 172, 105784.	1.3	9
4593	Molecular, biochemical, and comparative genome analysis of a rhizobacterial strain Klebsiella Sp. KBG6.2 imparting salt stress tolerance to Oryza sativa L.. Environmental and Experimental Botany, 2022, 203, 105066.	2.0	6
4594	Trichoderma longibrachiatum as a biostimulant of micropropagated banana seedlings under acclimatization. Plant Physiology and Biochemistry, 2022, 190, 184-192.	2.8	0
4595	Halotolerant rhizobacteria isolated from a mangrove forest alleviate saline stress in Musa acuminata cv. Berangan. Microbiological Research, 2022, 265, 127176.	2.5	6
4596	Potential of methyltransferase containing Pseudomonas oleovorans for abatement of arsenic toxicity in rice. Science of the Total Environment, 2023, 856, 158944.	3.9	7
4597	Genomic and transcriptomic characterization of the Collimonas quorum sensing genes and regulon. FEMS Microbiology Ecology, 0, , .	1.3	0
4598	Synergistic activity of antagonistic Trichoderma spp. and Rhizoctonia solani increases disease severity on strawberry petioles. European Journal of Plant Pathology, 2022, 164, 375-389.	0.8	4
4599	Biological control and plant growth promotion properties of Streptomyces albidoflavus St-220 isolated from Salvia miltiorrhiza rhizosphere. Frontiers in Plant Science, 0, 13, .	1.7	15

#	Article	IF	Citations
4600	Harnessing the saline soil-inhabiting bacteria for antagonistic, antibiotic resistance, and plant growth-promoting attributes. Vegetos, 0, , .	0.8	0
4601	Cryptic specialized metabolites drive Streptomyces exploration and provide a competitive advantage during growth with other microbes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	12
4603	Diversity and Exploration of Endophytic Bacilli for the Management of Head Scab (Fusarium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662 T	1.2	1
4604	Biotic and Abiotic Stress Factors Induce Microbiome Shifts and Enrichment of Distinct Beneficial Bacteria in Tomato Roots. Phytobiomes Journal, 2022, 6, 276-289.	1.4	7
4605	Characterization of a Bacillus velezensis strain isolated from Bolbostemmatis Rhizoma displaying strong antagonistic activities against a variety of rice pathogens. Frontiers in Microbiology, 0, 13, .	1.5	13
4606	Culture dependent and independent characterization of endophytic bacteria in the seeds of highland barley. Frontiers in Microbiology, 0, 13, .	1.5	1
4607	Bacteriocin Production by Escherichia coli during Biofilm Development. Foods, 2022, 11, 2652.	1.9	2
4608	Potential Microbial Consortium Mitigates Drought Stress in Tomato (Solanum lycopersicum L.) Plant by Up-regulating Stress-Responsive Genes and Improving Fruit Yield and Soil Properties. Journal of Soil Science and Plant Nutrition, 2022, 22, 4598-4615.	1.7	3
4609	Bacterial bioinoculants adapted for sustainable plant health and soil fertility enhancement in Namibia. Frontiers in Sustainable Food Systems, 0, 6, .	1.8	1
4611	Effects of Rhizosphere Bacteria on Strawberry Plants (Fragaria Ã— ananassa Duch.) under Water Deficit. International Journal of Molecular Sciences, 2022, 23, 10449.	1.8	7
4612	Novel Insights on Pyoverdine: From Biosynthesis to Biotechnological Application. International Journal of Molecular Sciences, 2022, 23, 11507.	1.8	8
4613	Impact of Culturable Endophytic Bacteria on Soil Aggregate Formation and Peanut (Arachis hypogaea) Tj ETQq1 1 0.784314 rgBT /Over	1.0	5
4614	Relationship between Biofilm-Formation, Phenotypic Virulence Factors and Antibiotic Resistance in Environmental PseudomonasÂaeruginosa. Pathogens, 2022, 11, 1015.	1.2	13
4615	Semi-Arid-Habitat-Adapted Plant-Growth-Promoting Rhizobacteria Allows Efficient Wheat Growth Promotion. Agronomy, 2022, 12, 2221.	1.3	5
4616	Bacillus velezensis QA2 Potentially Induced Salt Stress Tolerance and Enhanced Phosphate Uptake in Quinoa Plants. Microorganisms, 2022, 10, 1836.	1.6	7
4618	Biodegradation modeling of phenol using Curtobacterium flaccumfaciens as plant-growth-promoting bacteria. Heliyon, 2022, 8, e10490.	1.4	3
4619	Prolific contribution of Pseudomonas protegens in Zn biofortification of wheat by modulating multifaceted physiological response under saline and non-saline conditions. World Journal of Microbiology and Biotechnology, 2022, 38, .	1.7	7
4620	Iron-dependent mutualism between Chlorella sorokiniana and Ralstonia pickettii forms the basis for a sustainable bioremediation system. ISME Communications, 2022, 2, .	1.7	12

#	Article	IF	Citations
4621	Potential of plant growth promoting bacterial consortium for improving the growth and yield of wheat under saline conditions. Frontiers in Microbiology, 0, 13, .	1.5	11
4622	Bacteria isolated from e-waste soil enhance plant growth and mobilize trace metals in e-waste-amended soils. International Journal of Phytoremediation, 0, , 1-7.	1.7	0
4623	Imprints of PGPB association on the metabolic dynamism of Piper nigrum. Journal of Plant Interactions, 2022, 17, 967-979.	1.0	2
4624	Antifungal and growth activity of strains of Trichoderma spp. against the Avocado â€œtristezaâ€•disease, Phytophthora cinnamomi. Egyptian Journal of Biological Pest Control, 2022, 32, .	0.8	0
4625	Antimicrobial capacity of Pseudomonas brassicacearum strain EnPb against potato soft rot agent. European Journal of Plant Pathology, 2023, 165, 215-231.	0.8	2
4626	Identification of a Novel Streptomyces sp. Strain HU2014 Showing Growth Promotion and Biocontrol Effect Against Rhizoctonia spp. in Wheat. Plant Disease, 2023, 107, 1139-1150.	0.7	5
4627	Comparative proteomic analysis of saline tolerant, phosphate solubilizing endophytic Pantoea sp., and Pseudomonas sp. isolated from Eichhornia rhizosphere. Microbiological Research, 2022, 265, 127217.	2.5	9
4628	Seedling growth promotion and potential biocontrol against phytopathogenic Fusarium by native rhizospheric Pseudomonas spp. strains from Amarillo Zamorano maize landrace. Rhizosphere, 2022, 24, 100601.	1.4	5
4629	Phytoremediation of DEHP and heavy metals co-contaminated soil by rice assisted with a PGPR consortium: Insights into the regulation of ion homeostasis, improvement of photosynthesis and enrichment of beneficial bacteria in rhizosphere soil. Environmental Pollution, 2022, 314, 120303.	3.7	22
4631	Interactions of Nitrogen-Fixing Bacteria and Cereal Crops: An Important Dimension. Microorganisms for Sustainability, 2022, , 169-194.	0.4	2
4632	Interactions of Rhizobia with Nonleguminous Plants: A Molecular Ecology Perspective for Enhanced Plant Growth. Microorganisms for Sustainability, 2022, , 23-64.	0.4	1
4633	Effects of Seed Endophytic Bacteria on Life History and Reproductive Traits in a Cosmopolitan Weed, Capsella bursa-pastoris. Plants, 2022, 11, 2642.	1.6	0
4634	A Little Helper: Beneficial Bacteria with Growth-Promoting Mechanisms Can Reduce Asian Soybean Rust Severity in a Cell-Free Formulation. Agronomy, 2022, 12, 2635.	1.3	2
4635	Enhanced legume growth and adaptation to degraded estuarine soils using Pseudomonas sp. nodule endophytes. Frontiers in Microbiology, 0, 13, .	1.5	5
4636	Characterization and diversity of seed endophytic bacteria of the endemic holoparasitic plant Cistanche armena (Orobanchaceae) from a semi-desert area in Armenia. Seed Science Research, 2022, 32, 264-273.	0.8	7
4637	Effects of Rhizobium leguminosarum Thy2 on the Growth and Tolerance to Cadmium Stress of Wheat Plants. Life, 2022, 12, 1675.	1.1	9
4638	Deciphering the role of non-Frankia nodular endophytes in alder through in vitro and genomic characterization. Canadian Journal of Microbiology, 0, , .	0.8	1
4639	Critical Evaluation of Biocontrol Ability of Bayoud Infected Date Palm Phyllospheric Bacillus spp. Suggests That In Vitro Selection Does Not Guarantee Success in Planta. Agronomy, 2022, 12, 2403.	1.3	1

#	Article	IF	Citations
4640	Identification and in vitro Evaluation of Environmental Stress Resilient Plant Growth Promoting Rhizobacterial Consortia for Rice (Oryza sativa L.). International Journal of Environment and Climate Change, 0, , 3340-3354.	0.0	0
4641	Biofertilizer Based on Biochar and Metal-Tolerant Plant Growth Promoting Rhizobacteria Alleviates Copper Impact on Morphophysiological Traits in Brassica napus L.. Microorganisms, 2022, 10, 2164.	1.6	5
4642	Biocontrol Potential of Endophytic Fungi for the Eco-Friendly Management of Root Rot of Cuminum cyminum Caused by Fusarium solani. Agronomy, 2022, 12, 2612.	1.3	4
4643	Applied Tests to Select the Most Suitable Fungal Strain for the Recovery of Critical Raw Materials from Electronic Waste Powder. Recycling, 2022, 7, 72.	2.3	2
4644	Siderophore Synthesis Ability of the Nitrogen-Fixing Bacterium (NFB) GXGL-4A is Regulated at the Transcriptional Level by a Transcriptional Factor (trX) and an Aminomethyltransferase-Encoding Gene (amt). Current Microbiology, 2022, 79, .	1.0	1
4645	Identification and growth-promoting effect of endophytic bacteria in potato. Annals of Microbiology, 2022, 72, .	1.1	1
4646	Innovative Rhizosphere-Based Enrichment under P-Limitation Selects for Bacterial Isolates with High-Performance P-Solubilizing Traits. Microbiology Spectrum, 2022, 10, .	1.2	3
4647	Morphological and molecular characterization of Actinomycetes isolates and their metabolite fingerprinting. , 2021, 91, .		0
4648	Abundant and diverse endophytic bacteria associated with medicinal plant Arctium lappa L. and their potential for host plant growth promoting. Antonie Van Leeuwenhoek, 2022, 115, 1405-1420.	0.7	6
4649	Management of Cumin Wilt Caused by Fusarium oxysporum Using Native Endophytic Bacteria. Agronomy, 2022, 12, 2510.	1.3	8
4650	Isolation and Functional Characterization of Culture-Dependent Endophytes Associated with Vicia villosa Roth. Agronomy, 2022, 12, 2417.	1.3	2
4651	Assessing the Various Antagonistic Mechanisms of Trichoderma Strains against the Brown Root Rot Pathogen Pyrrhoderma noxium Infecting Heritage Fig Trees. Journal of Fungi (Basel, Switzerland), 2022, 8, 1105.	1.5	8
4652	Plant Growth-Promoting Activities of Bacteria Isolated from an Anthropogenic Soil Located in Agrigento Province. Microorganisms, 2022, 10, 2167.	1.6	5
4653	Diversity and Bioactivity of Endophytic Actinobacteria Associated with Grapevines. Current Microbiology, 2022, 79, .	1.0	2
4654	Stringent Starvation Protein SspA and Iron Starvation Sigma Factor PvdS Coordinately Regulate Iron Uptake and Prodiginine Biosynthesis in Pseudoalteromonas sp. R3. Applied and Environmental Microbiology, 2022, 88, .	1.4	1
4655	Characterization of actinobacteria from wheat seeds for plant growth promoting traits and protection against fungal pathogens. Journal of Basic Microbiology, 2023, 63, 439-453.	1.8	10
4656	Silicon improves the effect of phosphate-solubilizing bacterium and arbuscular mycorrhizal fungus on phosphorus concentration of salinity-stressed alfalfa (Medicago sativa L.). Rhizosphere, 2022, 24, 100619.	1.4	6
4657	The Pex3-mediated peroxisome biogenesis plays a critical role in metabolic biosynthesis, stress response, and pathogenicity in Alternaria alternata. Microbiological Research, 2023, 266, 127236.	2.5	3

#	Article	IF	Citations
4658	Potential of Miscanthus floridulus associated with endophytic bacterium Bacillus cereus BL4 to remediate cadmium contaminated soil. Science of the Total Environment, 2023, 857, 159384.	3.9	5
4659	The combined use of a plant growth promoting Bacillus sp. strain and GABA promotes the growth of rice under salt stress by regulating antioxidant enzyme system, enhancing photosynthesis and improving soil enzyme activities. Microbiological Research, 2023, 266, 127225.	2.5	19
4660	Phytohormones producing rhizobacteria alleviate heavy metals stress in soybean through multilayered response. Microbiological Research, 2023, 266, 127237.	2.5	15
4661	Plant-endophytic bacteria interactions associated with root and leaf microbiomes of Cattleya walkeriana and their effect on plant growth. Scientia Horticulturae, 2023, 309, 111656.	1.7	8
4662	Identification and characterization of promising endophytic bacteria for growth promotion in chickpea (Cicer arietinum). , 2020, 90, 708-712.		1
4663	Zinc-Solubilizing Streptomyces spp. as Bioinoculants for Promoting the Growth of Soybean (Glycine max (L.) Merrill). Journal of Microbiology and Biotechnology, 2022, 32, 1435-1446.	0.9	3
4665	Treatment with atypical rhizobia, Pararhizobium giardinii and Ochrobactrum sp. modulate the rhizospheric bacterial community, and enhances Lens culinaris growth in fallow-soil. Microbiological Research, 2023, 267, 127255.	2.5	5
4666	Rhizosphere bacteria associated with Chenopodium quinoa promote resistance to Alternaria alternata in tomato. Scientific Reports, 2022, 12, .	1.6	5
4667	Bacterial Siderophores: Classification, Biosynthesis, Perspectives of Use in Agriculture. Plants, 2022, 11, 3065.	1.6	26
4668	Pathogenesis of plant-associated Pseudomonas aeruginosa in Caenorhabditis elegans model. BMC Microbiology, 2022, 22, .	1.3	3
4670	Genetic Engineering of Talaromyces marneffei to Enhance Siderophore Production and Preliminary Testing for Medical Application Potential. Journal of Fungi (Basel, Switzerland), 2022, 8, 1183.	1.5	1
4671	Thermophilic bacteria from Peruvian hot springs with high potential application in environmental biotechnology. Environmental Technology (United Kingdom), 2024, 45, 1420-1435.	1.2	2
4672	C-Diazeniumdiolate Graminine in the Siderophore Gramibactin Is Photoreactive and Originates from Arginine. ACS Chemical Biology, 2022, 17, 3140-3147.	1.6	9
4673	Nematicidal, Acaricidal and Plant Growth-Promoting Activity of Enterobacter Endophytic Strains and Identification of Genes Associated with These Biological Activities in the Genomes. Plants, 2022, 11, 3136.	1.6	1
4674	Phosphorus Recycling, Biocontrol, and Growth Promotion Capabilities of Soil Bacterial Isolates from Mexican Oak Forests: An Alternative to Reduce the Use of Agrochemicals in Maize Cultivation. Applied Microbiology, 2022, 2, 965-980.	0.7	1
4675	Characterization and selection of endophytic actinobacteria for growth and disease management of Tea (Camellia sinensis L.). Frontiers in Plant Science, 0, 13, .	1.7	3
4676	Mitigation of low temperature stress and plant growth promotion in barley (Hordeum vulgare L.) by inoculation of psychrotrophic P-solubilizing Serratia nematodiphila EU-PW75. Cereal Research Communications, 0, , .	0.8	0
4677	Adhesion effect and mechanism of siderophore-producing bacteria onto goethite and boron-doped goethite. Colloids and Interface Science Communications, 2022, 51, 100680.	2.0	1

#	Article	IF	Citations
4678	Selective purification of catecholate, hydroxamate and Î±â€“hydroxycarboxylate siderophores with Titanium Dioxide Affinity Chromatography. Separation and Purification Technology, 2022, , 122639.	3.9	0
4679	Bioformulation Containing Cohorts of Ensifer adhaerens MSN12 and Bacillus cereus MEN8 for the Nutrient Enhancement of Cicer arietinum L.. Plants, 2022, 11, 3123.	1.6	4
4681	Silicon Improves Plant Growth-Promoting Effect of Nodule Non-Rhizobial Bacterium on Nitrogen Concentration of Alfalfa Under Salinity Stress. Journal of Soil Science and Plant Nutrition, 2023, 23, 496-513.	1.7	4
4682	Plant growth promoting and antimicrobial functionalities of rhizosphere Pseudomonas species in flooded rice soils of coastal Odisha. Environmental Quality Management, 0, , .	1.0	0
4683	Optimization and identification of siderophores produced by Pseudomonas monteilii strain MN759447 and its antagonism toward fungi associated with mortality in Dalbergia sissoo plantation forests. Frontiers in Plant Science, 0, 13, .	1.7	11
4684	The potential of novel bacterial isolates from healthy ginseng for the control of ginseng root rot disease (Fusarium oxysporum). PLoS ONE, 2022, 17, e0277191.	1.1	2
4685	Effect of Metal-resistant PGPB on the Metal Uptake, Antioxidative Defense, Physiology, and Growth of Atriplex lentiformis (Torr.) S.Wats. in Soil Contaminated with Cadmium and Nickel. Journal of Plant Growth Regulation, 0, , .	2.8	0
4686	Nonribosomal peptide synthetase gene clusters and characteristics of predicted NRPS-dependent siderophore synthetases in Armillaria and other species in the Physalacriaceae. Current Genetics, 2023, 69, 7-24.	0.8	2
4687	Single and dual inoculation with rhizobacteria on alfalfa (Medicago sativa L.) growth under lead stress conditions. International Journal of Environmental Science and Technology, 0, , .	1.8	0
4688	The new isolated Archaea strain improved grain yield, metabolism and quality of wheat plants under Co stress conditions. Journal of Plant Physiology, 2023, 280, 153876.	1.6	2
4689	Characterization of a potent plant growth promoting fungal strain Aspergillus fumigatus MCC 1721 with special reference to indole-3-acetic acid production. Plant Science Today, 0, , .	0.4	0
4690	Efflux-linked accelerated evolution of antibiotic resistance at a population edge. Molecular Cell, 2022, 82, 4368-4385.e6.	4.5	9
4691	Biocontrol activity of Debaryomyces hansenii against blue mold on apple and pear during cold storage. Agrociencia Uruguay, 2021, 25, .	0.1	0
4692	Isoavenaciol and 7-hydroxy-isoavenaciol: Zn-chelating metallophores produced by root-endophytic Pezicula ericae in a Zn-accumulating plant, Aucuba japonica. Phytochemistry, 2023, 206, 113547.	1.4	0
4693	Urinary tract infection and sepsis causing potential of multidrug-resistant Extraintestinal pathogenic E. coli isolated from plant-origin foods. International Journal of Food Microbiology, 2023, 386, 110048.	2.1	1
4694	Deciphering multifarious properties of Pseudomonads suppressing tomato (Solanum lycopersicum) wilt. , 2019, 89, .		0
4695	Endophytic bacteria Bacillus safensis and Pseudomonas hibiscicola and their ability to increase rice seedling growth. Arquivos Do Instituto Biologico, 0, 89, .	0.4	2
4697	Antagonist activities of native rhizosphere micro-flora against groundnut stem rot pathogen, Sclerotium rolfsii Sacc.. Egyptian Journal of Biological Pest Control, 2022, 32, .	0.8	1

#	Article	IF	Citations
4698	Characterization of the antagonistic potential of the glyphosate-tolerant Pseudomonas resinovorans SZMC 25872 strain against the plant pathogenic bacterium Agrobacterium tumefaciens. Frontiers in Plant Science, 0, 13, .	1.7	0
4699	Insights on strain 115 plant growth-promoting bacteria traits and its contribution in lead stress alleviation in pea (Pisum sativum L.) plants. Archives of Microbiology, 2023, 205, .	1.0	7
4700	PromociÃ³n del crecimiento de tomate saladette con Bacillus cereus y estiÃ©rcol solarizado en invernadero. Revista Mexicana De Ciencias Agricolas, 2022, 13, 1259-1270.	0.0	0
4702	Characterization of siderophore produced by Pseudomonas sp. MT and its antagonist activity against Fusarium oxysporum f. sp. cubense and F. oxysporium f. sp. ciceris. Notulae Scientia Biologicae, 2022, 14, 11298.	0.1	0
4703	Isolation, screening, characterization, and optimization of bacteria isolated from calcareous soils for siderophore production. Archives of Microbiology, 2022, 204, .	1.0	7
4704	Screening of Endophytes for Plant Growth-Promoting Metabolites. Springer Protocols, 2023, , 179-187.	0.1	0
4705	Bioprospecting of Multi Trait Plant Growth Promoting Bacillus altitudinis from Phosphate Rich Soil. Geomicrobiology Journal, 0, , 1-9.	1.0	0
4706	Nodulation and Growth Promotion of Chickpea by Mesorhizobium Isolates from Diverse Sources. Microorganisms, 2022, 10, 2467.	1.6	1
4707	Exploration of the rhizosphere microbiome of native plant Ceanothus velutinus â€“ an excellent resource of plant growth-promoting bacteria. Frontiers in Plant Science, 0, 13, .	1.7	5
4708	Characteristics of rhizosphere and endogenous bacterial community of Ulleung-sanmaneul, an endemic plant in Korea: application for alleviating salt stress. Scientific Reports, 2022, 12, .	1.6	2
4709	Genomic Insights into Two Endophytic Strains: Stenotrophomonas geniculata NWUBe21 and Pseudomonas carnis NWUBe30 from Cowpea with Plant Growth-Stimulating Attributes. Applied Sciences (Switzerland), 2022, 12, 12953.	1.3	3
4710	Plant Growth-Promoting Attributes of Zinc Solubilizing Dietzia maris Isolated from Polyhouse Rhizospheric Soil of Punjab. Current Microbiology, 2023, 80, .	1.0	4
4711	Complete genome sequence analysis of a plant growth-promoting phylloplane Bacillus altitudinis FD48 offers mechanistic insights into priming drought stress tolerance in rice. Genomics, 2023, 115, 110550.	1.3	8
4712	Prevalance of multifunctional Azospirillum formosense strains in the rhizosphere of pearl millet across diverse edaphoclimatic regions of India. Vegetos, 0, , .	0.8	4
4713	Comparative Transcriptome Analysis Unravels the Response Mechanisms of Fusarium oxysporum f.sp. cubense to a Biocontrol Agent, Pseudomonas aeruginosa Gxun-2. International Journal of Molecular Sciences, 2022, 23, 15432.	1.8	2
4714	Co-inoculation of native multi-trait plant growth promoting rhizobacteria promotes plant growth and suppresses Alternaria blight disease in castor (Ricinus communis L.). Heliyon, 2022, 8, e11886.	1.4	5
4715	Heterologous production and characterization of a pyomelanin of Antarctic Pseudomonas sp. ANT_H4: a metabolite protecting against UV and free radicals, interacting with iron from minerals and exhibiting priming properties toward plant hairy roots. Microbial Cell Factories, 2022, 21, .	1.9	6
4716	Application of data integration for rice bacterial strain selection by combining their osmotic stress response and plant growth-promoting traits. Frontiers in Microbiology, 0, 13, .	1.5	1

#	Article	IF	Citations
4717	Impact of carbendazim on cellular growth, defence system and plant growth promoting traits of Priestia megaterium ANCB-12 isolated from sugarcane rhizosphere. Frontiers in Microbiology, 0, 13, .	1.5	4
4718	Developing a glyphosate-bioremediation strategy using plants and actinobacteria: Potential improvement of a riparian environment. Journal of Hazardous Materials, 2023, 446, 130675.	6.5	2
4719	Diversity of Antimicrobial Peptide Genes in Bacillus from the Andaman and Nicobar Islands: Untapped Island Microbial Diversity for Disease Management in Crop Plants. Current Microbiology, 2023, 80, .	1.0	3
4720	Symbiotic and Antagonistic Functions of the Bacterium Burkholderia cepacia BsNLG8, from the Nilaparvata lugens (Stal). Agriculture (Switzerland), 2022, 12, 2106.	1.4	0
4721	Functional Divergence of the N-Lobe and C-Lobe of Transferrin Gene in Pungitius sinensis (Amur) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.0	1
4722	Phylogenetic affiliation of endophytic actinobacteria associated with selected orchid species and their role in growth promotion and suppression of phytopathogens. Frontiers in Plant Science, 0, 13, .	1.7	3
4723	Diazotrophic bacterium Azotobacter vinelandii as a mutualistic growth promoter of an aquatic plant: Lemna minor. Plant Growth Regulation, 2023, 100, 171-180.	1.8	4
4724	Characterization of three Stenotrophomonas strains isolated from different ecosystems and proposal of Stenotrophomonas mori sp. nov. and Stenotrophomonas lacuserhaii sp. nov.. Frontiers in Microbiology, 0, 13, .	1.5	5
4725	Genetic Determinants of Antagonistic Interactions and the Response of New Endophytic Strain Serratia quinivorans KP32 to Fungal Phytopathogens. International Journal of Molecular Sciences, 2022, 23, 15561.	1.8	3
4726	Comparative genomic analyses of four novel Ramlibacter species and the cellulose-degrading properties of Ramlibacter cellulosilyticus sp. nov.. Scientific Reports, 2022, 12, .	1.6	5
4727	Differential influence of heavy metals on plant growth promoting attributes of beneficial microbes and their ability to promote growth of Vigna radiata (mung bean). Biocatalysis and Agricultural Biotechnology, 2023, 47, 102592.	1.5	2
4728	Diversity and adaptation properties of actinobacteria associated with Tunisian stone ruins. Frontiers in Microbiology, 0, 13, .	1.5	3
4729	Identification of the symbiovar maamori in Mesorhizobium isolated from nodules of Ononis repens in the Maamora forest (Morocco). Symbiosis, 0, , .	1.2	1
4730	Colorimetric Determination of Adenylation Domain Activity in Nonribosomal Peptide Synthetases by Using Chrome Azurol S. ChemBioChem, 2023, 24, .	1.3	3
4731	Potential of halotolerant PGPRs in growth and yield augmentation of Triticum aestivum var. HD2687 and Zea mays var. PSCL4642 cultivars under saline conditions. Biotechnologia, 2022, 103, 331-342.	0.3	1
4732	Alleviation of salt stress in winter wheat by Pantoea spp. endophytes isolated from spontaneous desert plants of the Sahara. Archives of Phytopathology and Plant Protection, 0, , 1-22.	0.6	1
4734	Calendula officinalisâ€"A Great Source of Plant Growth Promoting Endophytic Bacteria (PGPEB) and Biological Control Agents (BCA). Microorganisms, 2023, 11, 206.	1.6	6
4735	Biochemical and Molecular Evaluation of Rhizobium spp. and its Growth Promotion Studies with Lentil (Lens culinaris Medik. L.). Journal of Pure and Applied Microbiology, 2023, 17, 155-166.	0.3	2

#	Article	IF	Citations
4736	Salinity alleviator bacteria in rice (Oryza sativa L.), their colonization efficacy, and synergism with melatonin. Frontiers in Plant Science, 0, 13, .	1.7	3
4737	Taxonomic Study of Three Novel Paenibacillus Species with Cold-Adapted Plant Growth-Promoting Capacities Isolated from Root of Larix gmelinii. Microorganisms, 2023, 11, 130.	1.6	1
4738	Effects of Pseudomonas sp. OBA 2.4.1 on Growth and Tolerance to Cadmium Stress in Pisum sativum L.. BioTech, 2023, 12, 5.	1.3	2
4739	The co-inoculation of Pseudomonas chlororaphis H1 and Bacillus altitudinis Y1 promoted soybean [Glycine max (L.) Merrill] growth and increased the relative abundance of beneficial microorganisms in rhizosphere and root. Frontiers in Microbiology, 0, 13, .	1.5	2
4740	Exploring the Identity and Properties of Two Bacilli Strains and their Potential to Alleviate Drought and Heavy Metal Stress. Horticulturae, 2023, 9, 46.	1.2	7
4741	Application of plant growth promoting microbes to enrich zinc in potato for nutritional security and sustainable agriculture. Rhizosphere, 2023, 25, 100665.	1.4	4
4742	Screening of indole-3-acetic acid PGPB from three agricultural systems at Nakhon Pathom, Thailand. Biodiversitas, 2022, 23, .	0.2	2
4743	Repurposing Over-the-Counter Drugs and an Iron-Chelator as Antibacterial Agents. Biosciences, Biotechnology Research Asia, 2022, 19, 1051-1063.	0.2	0
4744	Biochemical characterization of Bacillus species isolated from rice rhizosphere in Odisha. Oryza, 2022, 59, 470-482.	0.2	0
4745	Molecular identification and characterization of phytobeneficial osmotolerant endophytic bacteria inhabiting root nodules of the Saharan tree Vachellia tortilis subsp. raddiana. Archives of Microbiology, 2023, 205, .	1.0	5
4746	The Effect of Banana Rhizosphere Chemotaxis and Chemoattractants on Bacillus velezensis LG14-3 Root Colonization and Suppression of Banana Fusarium Wilt Disease. Sustainability, 2023, 15, 351.	1.6	3
4747	Optimization of Siderophore Production by Bacillus subtilis DR2 and Its Effect on Growth Promotion of Coriandrum sativum. Russian Agricultural Sciences, 2022, 48, 467-475.	0.1	3
4748	Antigen Discovery for Next-Generation Pertussis Vaccines Using Immunoproteomics and Transposon-Directed Insertion Sequencing. Journal of Infectious Diseases, 2023, 227, 583-591.	1.9	4
4749	Screening of Azotobacter, Bacillus and Pseudomonas Species as Plant Growth-Promoting Bacteria. Processes, 2023, 11, 80.	1.3	12
4750	Biological Control of Verticillium Wilt and Growth Promotion in Tomato by Rhizospheric Soil-Derived Bacillus amyloliquefaciens Oj-2.16. Pathogens, 2023, 12, 37.	1.2	7
4751	Root priming with Bacillus spp. against bacterial wilt disease of tomato caused by Ralstonia solanacearum. , 2017, 87, .		0
4752	Structure and Function Analysis of Cultivated Meconopsis integrifolia Soil Microbial Community Based on High-Throughput Sequencing and Culturability. Biology, 2023, 12, 160.	1.3	2
4753	Endophytic Bacteria in Ricinus communis L.: Diversity of Bacterial Community, Plantâ˜Growth Promoting Traits of the Isolates and Its Effect on Cu and Cd Speciation in Soil. Agronomy, 2023, 13, 333.	1.3	2

#	Article	IF	Citations
4754	Microbacterium elymi sp. nov., Isolated from the Rhizospheric Soil of Elymus tsukushiensis, a Plant Native to the Dokdo Islands, Republic of Korea. Journal of Microbiology and Biotechnology, 2023, 33, 188-194.	0.9	1
4755	Enhancement in Niâ€“Cd Phytoremediation Efficiency of Helianthus annuus L. from Battery Waste Contaminated Soil by Bacterial Augmentation, Isolated from E-Waste Contaminated Sites. International Journal of Environmental Research, 2023, 17, .	1.1	2
4756	Halophytic Plant Halostachys belangeriana (Moq.) Botsch as a Source of Plant Growth-Promoting Endophytic Bacteria. MikrobiolohichnyÄ-Zhurnal, 2023, 84, 30-39.	0.2	0
4757	Multi-trait Halotolerant Plant Growth-promoting Bacteria Mitigate Induced Salt Stress and Enhance Growth of Amaranthus Viridis. Journal of Soil Science and Plant Nutrition, 2023, 23, 1860-1883.	1.7	12
4758	Impact of plant growth promoting rhizobacteria Serratia nematodiphila RGK and Pseudomonas plecoglossicida RGK on secondary metabolites of turmeric rhizome. Biocatalysis and Agricultural Biotechnology, 2023, 47, 102622.	1.5	6
4759	Credibility assessment of cold adaptive Pseudomonas jesenni MP1 and P. palleroniana N26 on growth, rhizosphere dynamics, nutrient status, and yield of the kidney bean cultivated in Indian Central Himalaya. Frontiers in Plant Science, 0, 14, .	1.7	4
4760	Culture-independent and culture-dependent approaches in symbiont analysis. , 2023, , 743-763.		0
4761	Harnessing Novel Soil Bacteria for Beneficial Interactions with Soybean. Microorganisms, 2023, 11, 300.	1.6	2
4763	The Hyphosphere of Leaf-Cutting Ant Cultivars Is Enriched with Helper Bacteria. Microbial Ecology, 2023, 86, 1773-1788.	1.4	3
4764	Assessing Growth-Promoting Activity of Bacteria Isolated from Municipal Waste Compost on Solanum lycopersicum L.. Horticulturae, 2023, 9, 214.	1.2	1
4766	A bacterial formula with native strains as alternative to chemical fertiliser for tomato crop. Plant Growth Regulation, 2024, 102, 251-266.	1.8	1
4767	Stress-buster Enterobacter sp. alleviates salinity stress in Cajanus cajan together with impacting its rhizospheric microbiome. South African Journal of Botany, 2023, 156, 202-212.	1.2	3
4768	Coupling effect of ionophore and oxidoreductases produced by halotolerant novel fungal strain Trametes flavida WTFP2 on dye wastewater treatment: An optimized green bioprocess. Journal of Environmental Chemical Engineering, 2023, 11, 109629.	3.3	3
4769	Combined forage grass-microbial for remediation of strontium-contaminated soil. Journal of Hazardous Materials, 2023, 450, 131013.	6.5	4
4770	Integrated biochemical and transcriptomic analysis reveals the effects of Burkholderia sp. SRB-1 on cadmium accumulating in Chrysopogon zizanioides L. under Cd stress. Journal of Environmental Management, 2023, 337, 117723.	3.8	2
4771	Development of Zn biofertilizer microbeads encapsulating Enterobacter ludwigii-PS10 mediated alginate, starch, poultry waste and its efficacy in Solanum lycopersicum growth enhancement. International Journal of Biological Macromolecules, 2023, 240, 124381.	3.6	5
4772	Optimized drought tolerance in barley (Hordeum vulgare L.) using plant growth-promoting rhizobacteria (PGPR). Biocatalysis and Agricultural Biotechnology, 2023, 50, 102691.	1.5	10
4775	Assessment of cumulative microbial respiration and their ameliorative role in sustaining maize growth under salt stress. Plant Physiology and Biochemistry, 2023, 196, 33-42.	2.8	6

#	Article	IF	Citations
4776	PGPR Promotes the Recovery of Submerged Macrophytes via Indigenous Microbiome Modulations under Combined Abiotic Stress. Water (Switzerland), 2023, 15, 590.	1.2	1
4777	Temporal Dynamics of Potassium Release from Waste Mica as Influenced by Potassium Mobilizing Bacteria. Journal of Pure and Applied Microbiology, 2023, 17, 273-288.	0.3	2
4778	Targeting Siderophore-Mediated Iron Uptake in M. abscessus: A New Strategy to Limit the Virulence of Non-Tuberculous Mycobacteria. Pharmaceutics, 2023, 15, 502.	2.0	6
4779	The Screening of Plant Growth-promoting Rhizobacteria based on the Ability to Promote the Growth and Nodulation of Soybean (Glycine max L.) Seedlings. Journal of Pure and Applied Microbiology, 2023, 17, 231-240.	0.3	0
4780	Alleviation of cold stress in wheat with psychrotrophic phosphorus solubilizing Acinetobacter rhizosphaerae EU-KL44. Brazilian Journal of Microbiology, 2023, 54, 371-383.	0.8	5
4781	Establishment of seed biopriming in salt stress mitigation of rice plants by mangrove derived Bacillus sp.. Biocatalysis and Agricultural Biotechnology, 2023, 48, 102626.	1.5	6
4782	Impact of parabens on drinking water bacteria and their biofilms: The role of exposure time and substrate materials. Journal of Environmental Management, 2023, 332, 117413.	3.8	6
4783	Potential of desiccation-tolerant plant growth-promoting rhizobacteria in growth augmentation of wheat (Triticum aestivum L.) under drought stress. Frontiers in Microbiology, 0, 14, .	1.5	2
4784	Biological control of diseases caused by Rhizoctonia solani AG-2-2 in sugar beet (Beta vulgaris L.) using plant growth-promoting rhizobacteria (PGPR). Physiological and Molecular Plant Pathology, 2023, 124, 101966.	1.3	8
4785	Plant-beneficial Bacillus, Pseudomonas, and Staphylococcus spp. from Kumaon Himalayas and their drought tolerance response. Frontiers in Sustainable Food Systems, 0, 7, .	1.8	1
4787	Brevibacillus DesertYSK and Rhizobium MAP7 stimulate the growth and pigmentation of Lactuca sativa L.. Journal of Genetic Engineering and Biotechnology, 2023, 21, 17.	1.5	2
4788	Antagonistic Strain Bacillus halotolerans Jk-25 Mediates the Biocontrol of Wheat Common Root Rot Caused by Bipolaris sorokiniana. Plants, 2023, 12, 828.	1.6	4
4789	Root-Associated Antagonistic Pseudomonas spp. Contribute to Soil Suppressiveness against Banana Fusarium Wilt Disease of Banana. Microbiology Spectrum, 2023, 11, .	1.2	7
4790	The Role of the Yersiniachelin Siderophore in the Physiology of <i>Yersinia pestis</i>. Problemy Osobo Opasnykh Infektsii, 2023, , 75-81.	0.2	0
4791	Biomining Sesuvium portulacastrum for halotolerant PGPR and endophytes for promotion of salt tolerance in Vigna mungo L.. Frontiers in Microbiology, 0, 14, .	1.5	2
4792	Regulation of Multidrug Efflux Pumps by TetR Family Transcriptional Repressor Negatively Affects Secondary Metabolism in Streptomyces coelicolor A3(2). Applied and Environmental Microbiology, 2023, 89, .	1.4	0
4793	Entomopathogenic Fungi-Mediated Solubilization and Induction of Fe Related Genes in Melon and Cucumber Plants. Journal of Fungi (Basel, Switzerland), 2023, 9, 258.	1.5	7
4794	Production and characterization of bioemulsifier by Parapedobacter indicus. Frontiers in Microbiology, 0, 14, .	1.5	2

#	Article	IF	Citations
4795	Diaporthe species associated with the maritime grass Festuca rubra subsp. pruinosa. Frontiers in Microbiology, 0, 14, .	1.5	3
4796	A Bacillaceae consortium positively impacts arbuscular mycorrhizal fungus colonisation, plant phosphate nutrition, and tuber yield in Solanum tuberosum cv. Jazzy. Symbiosis, 2023, 89, 235-250.	1.2	0
4797	Harnessing bacterial strain from rhizosphere to develop indigenous PGPR consortium for enhancing lobia (Vigna unguiculata) production. Heliyon, 2023, 9, e13804.	1.4	3
4798	Antifungal Metabolites of Streptomyces chrestomyceticus STR-2 Inhibits Magnaporthe oryzae, the Incitant of Rice Blast. Current Microbiology, 2023, 80, .	1.0	2
4799	Azospirillumâ€“Bacillus associations: synergistic effects on in vitro PGP traits and growth of pearl millet at early seedling stage under limited moisture conditions. 3 Biotech, 2023, 13, .	1.1	2
4800	Endophytic Bacteria Isolated from Tea Leaves (Camellia sinensis var. assamica) Enhanced Plant-Growth-Promoting Activity. Agriculture (Switzerland), 2023, 13, 533.	1.4	3
4801	Virulence factors of Gram-negative bacteria from free-ranging Amazon river dolphins (Inia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 Td	0.7	0
4802	Temperature-induced modulation of stress-tolerant PGP genes bioprospected from Bacillus sp. IHBT-705 associated with saffron (Crocus sativus) rhizosphere: A natural -treasure trove of microbial biostimulants. Frontiers in Plant Science, 0, 14, .	1.7	4
4803	Self-digestive solution of Lysobacter enzymogenes LE16 as a biofungicide to control plant powdery mildew. Archives of Agronomy and Soil Science, 2023, 69, 2898-2910.	1.3	1
4805	Role of Trichoderma against the soil-borne phytopathogens of tomato. , 2023, , 29-80.		0
4807	Insights into the Biocontrol Function of a Burkholderia gladioli Strain against Botrytis cinerea. Microbiology Spectrum, 2023, 11, .	1.2	6
4808	Bioassessment of Phylogenetic Relatedness and Plant Growth Enhancement of Endophytic Bacterial Isolates from Cowpea (Vigna unguiculata) Plant Tissues. Horticulturae, 2023, 9, 332.	1.2	1
4809	A Specific High Toxicity of Xinjunan (Dioctyldiethylenetriamine) to Xanthomonas by Affecting the Iron Metabolism. Microbiology Spectrum, 2023, 11, .	1.2	3
4810	A Plant Biostimulant from Ascophyllum nodosum Potentiates Plant Growth Promotion and Stress Protection Activity of Pseudomonas protegens CHA0. Plants, 2023, 12, 1208.	1.6	6
4811	ACC deaminase producing PGPR modulates nutrients uptake, soil properties and growth of cluster bean (Cyamopsis tetragonoloba L.) under deficit irrigation. , 2023, 78, 2303-2316.		4
4812	Novel synergism of Cedecea lapagei KU14 and Bacillus subtilis KU21 for sustainable productivity of Rosmarinus officinalis in Northwest Himalayas. Rhizosphere, 2023, 25, 100683.	1.4	0
4813	Identification of Multiple Iron Uptake Mechanisms in Enterococcus faecalis and Their Relationship to Virulence. Infection and Immunity, 2023, 91, .	1.0	1
4814	Isolation of beneficial bacteria from strawberry (Fragaria x ananassa, Duch). Potentialities for fungal disease control and plant growth promotion. Plant Growth Regulation, 2024, 102, 135-152.	1.8	0

#	Article	IF	Citations
4815	Strain Streptomyces sp. P-56 Produces Nonactin and Possesses Insecticidal, Acaricidal, Antimicrobial and Plant Growth-Promoting Traits. Microorganisms, 2023, 11, 764.	1.6	5
4816	Internal Transcribed Spacer and 16S Amplicon Sequencing Identifies Microbial Species Associated with Asbestos in New Zealand. Genes, 2023, 14, 729.	1.0	2
4817	Not just passengers, but co-pilots! Non-rhizobial nodule-associated bacteria promote cowpea growth and symbiosis with (brady)rhizobia. Journal of Applied Microbiology, 2023, 134, .	1.4	1
4818	Mechanisms of Surfactin from Bacillus subtilis SF1 against Fusarium foetens: A Novel Pathogen Inducing Potato Wilt. Journal of Fungi (Basel, Switzerland), 2023, 9, 367.	1.5	4
4819	De novogenomic analysis ofEnterobacter asburiaeEBRJ12, a plant growth-promoting rhizobacteria isolated from the rhizosphere ofPhaseolus vulgarisL. Journal of Applied Microbiology, 2023, 134, .	1.4	6
4820	Strategies to Evaluate Microbial Consortia for Mitigating Abiotic Stress in Plants. Microorganisms for Sustainability, 2023, , 177-203.	0.4	2
4822	In vitro determination of efficacies of some endophytic and rhizospheric bacteria against Macrophomina phaseolina in beans. Harran TarÄ±m Ve GÄ±da Bilimleri Dergisi, 2023, 27, 42-51.	0.0	0
4824	Co-Inoculation of Non-Symbiotic Bacteria Bacillus and Paraburkholderia Can Improve the Soybean Yield, Nutrient Uptake, and Soil Parameters. Molecular Biotechnology, 0, , .	1.3	3
4825	Occurrence, identification and characterization of diazotrophic bacteria from aerial roots of Rhynchostylis retusa (L.) Blume for plant growth-promoting activity. Archives of Microbiology, 2023, 205, .	1.0	0
4826	Herbaspirillum sp. ZXN111 Colonization Characters to Different Tea Cultivars and the Effects on Tea Metabolites Profiling on Zijuan (Camellia sinensis var. assamica). Journal of Agricultural and Food Chemistry, 2023, 71, 5283-5292.	2.4	1
4827	Two new siderophores produced by Pseudomonas sp. NCIMB 10586: The anti-oomycete non-ribosomal peptide synthetase-dependent mupirochelin and the NRPS-independent triabactin. Frontiers in Microbiology, 0, 14, .	1.5	1
4828	Genomics assisted characterization of plant growth-promoting and metabolite producing psychrotolerant Himalayan Chryseobacterium cucumeris PCH239. Archives of Microbiology, 2023, 205, .	1.0	1
4829	Fungicide sensitivity of grapevine bacteria with plant growth-promoting traits and antagonistic activity as non-target microorganisms. World Journal of Microbiology and Biotechnology, 2023, 39, .	1.7	1
4830	Identification and characterization of siderophilic biocontrol strain SL-44 combined with whole genome. Environmental Science and Pollution Research, 0, , .	2.7	0
4831	Evaluation of the growth-inducing efficacy of various Bacillus species on the salt-stressed tomato (Lycopersicon esculentum Mill.). Frontiers in Plant Science, 0, 14, .	1.7	23
4832	Euphorbia helioscopia a Putative Plant Reservoir of Pathogenic Curtobacterium flaccumfaciens. Current Microbiology, 2023, 80, .	1.0	0
4833	The Regulatory Hub of Siderophore Biosynthesis in the Phytopathogenic Fungus Alternaria alternata. Journal of Fungi (Basel, Switzerland), 2023, 9, 427.	1.5	1
4834	Role of Fungi in Imparting General Disease Suppressiveness in Soil from Organic Field. Microbial Ecology, 2023, 86, 2047-2059.	1.4	3

#	Article	IF	Citations
4835	Improvement in Quality and Yield of Mungbean Through Combined Use of Crop-Specific Rhizobium and Physiological Precursors. Gesunde Pflanzen, 0, , .	1.7	0
4836	Rothia from the Human Nose Inhibit Moraxella catarrhalis Colonization with a Secreted Peptidoglycan Endopeptidase. MBio, 2023, 14, .	1.8	10
4837	Genomic Islands Involved in Iron Uptake. , 2023, , 143-170.		0
4838	Seed endophytic bacterial profiling from wheat varieties of contrasting heat sensitivity. Frontiers in Plant Science, 0, 14, .	1.7	6
4839	A new system to study directional volatile-mediated interactions reveals the ability of fungi to specifically react to other fungal volatiles. Frontiers in Ecology and Evolution, 0, 11, .	1.1	2
4840	Biotechnological potential of Bacillus sp. S26 for alleviation of abiotic and biotic stresses in vine. World Journal of Microbiology and Biotechnology, 2023, 39, .	1.7	4
4841	Exploring potential soybean bradyrhizobia from high trehalose-accumulating soybean genotypes for improved symbiotic effectiveness in soybean. International Microbiology, 2023, 26, 973-987.	1.1	2
4842	The Plant Growth-Promoting Bacteria Strain Bacillus mojavensis I4 Enhanced Salt Stress Tolerance in Durum Wheat. Current Microbiology, 2023, 80, .	1.0	5
4843	Paenibacillus dendrobii sp. nov., an indole-3-acetic acid-producing endophytic bacterium isolated from Dendrobium nobile. International Journal of Systematic and Evolutionary Microbiology, 2023, 73, .	0.8	0
4844	Non-rhizobial nodule endophytes improve nodulation, change root exudation pattern and promote the growth of lentil, for prospective application in fallow soil. Frontiers in Plant Science, 0, 14, .	1.7	5
4845	The combination of multiple plant growth promotion and hydrolytic enzyme producing rhizobacteria and their effect on Jerusalem artichoke growth improvement. Scientific Reports, 2023, 13, .	1.6	6
4846	Studies on Endurance of Azospirillum formosense Strains to Osmotic Stress and Modulation of Early Stage Pearl Millet Growth. Applied Biochemistry and Microbiology, 2023, 59, 206-215.	0.3	4
4847	Isolation and identification of mycorrhizal helper bacteria of Vaccinium uliginosum and their interaction with mycorrhizal fungi. Frontiers in Microbiology, 0, 14, .	1.5	2
4848	Impact of soybean-associated plant growth-promoting bacteria on plant growth modulation under alkaline soil conditions. Heliyon, 2023, 9, e14620.	1.4	1
4849	Complete genome analysis of sugarcane root associated endophytic diazotroph Pseudomonas aeruginosa DJ06 revealing versatile molecular mechanism involved in sugarcane development. Frontiers in Microbiology, 0, 14, .	1.5	3
4850	Isolation and characterization of halotolerant plant growth promoting rhizobacteria from mangrove region of Sundarbans, India for enhanced crop productivity. Frontiers in Plant Science, 0, 14, .	1.7	10
4851	Screening for Multifarious Plant Growth Promoting and Biocontrol Attributes in Bacillus Strains Isolated from Indo Gangetic Soil for Enhancing Growth of Rice Crops. Microorganisms, 2023, 11, 1085.	1.6	2
4852	Predation pressure regulates plant growth promoting (PGP) attributes of bacterial species. Journal of Applied Microbiology, 2023, 134, .	1.4	3

#	Article	IF	Citations
4965	First Report on Secondary Metabolite and Pigment-Producing Endophytic Fungi of Medicinal Plants of Hilly Regions of Himachal Pradesh. The National Academy of Sciences, India, 0, , .	0.8	0