

Shuang-Jiang Liu

List of Publications by Year in descending order

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198
papers

8,191
citations

53794

45
h-index

76900

74
g-index

209
all docs

209
docs citations

209
times ranked

7683
citing authors

#	ARTICLE	IF	CITATIONS
1	The enriched gut commensal <i>Faeciroseburia intestinalis</i> contributes to the anti-metabolic disorders effects of the <i>Ganoderma meroterpene</i> derivative. <i>Food Science and Human Wellness</i> , 2022, 11, 85-96.	4.9	4
2	Genetic Foundations of Direct Ammonia Oxidation (Dirammox) to N ₂ and MoxR-Like Transcriptional Regulator DnfR in <i>Alcaligenes faecalis</i> Strain JQ135. <i>Applied and Environmental Microbiology</i> , 2022, 88, aem0226121.	3.1	9
3	The Response Regulator FImD Regulates Biofilm Formation in <i>Comamonas testosteroni</i> through the Transcriptional Activator SoxR. <i>Microorganisms</i> , 2022, 10, 356.	3.6	1
4	iMeta: Integrated meta-omics for biology and environments. , 2022, 1, .		13
5	<i>Niabella beijingensis</i> sp. nov. and <i>Thermomonas beijingensis</i> sp. nov., two bacteria from constructed wetland. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	12
6	<i>Alkaliphilus flagellatus</i> sp. nov., <i>Butyricoccus intestinisimiae</i> sp. nov., <i>Clostridium mobile</i> sp. nov., <i>Clostridium simiarum</i> sp. nov., <i>Dysosmobacter acutus</i> sp. nov., <i>Paenibacillus brevis</i> sp. nov., <i>Peptoniphilus ovalis</i> sp. nov. and <i>Tissierella simiarum</i> sp. nov., isolated from monkey faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	34
7	Changes to gut amino acid transporters and microbiome associated with increased E/I ratio in Chd8+/+ mouse model of ASD-like behavior. <i>Nature Communications</i> , 2022, 13, 1151.	12.8	35
8	<i>Alicyclobacillus curvatus</i> sp. nov. and <i>Alicyclobacillus mengziensis</i> sp. nov., two acidophilic bacteria isolated from acid mine drainage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	9
9	<i>Roseburia hominis</i> Increases Intestinal Melatonin Level by Activating p-CREB-AANAT Pathway. <i>Nutrients</i> , 2022, 14, 117.	4.1	22
10	<i>Pararoseburia lenta</i> gen. nov., sp. nov. isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	10
11	Organic fertilizer potentiates the transfer of typical antibiotic resistance gene among special bacterial species. <i>Journal of Hazardous Materials</i> , 2022, 435, 128985.	12.4	15
12	Dirammox Is Widely Distributed and Dependently Evolved in <i>Alcaligenes</i> and Is Important to Nitrogen Cycle. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	6
13	The monkey microbial biobank brings previously uncultivated bioresources for nonhuman primate and human gut microbiomes. , 2022, 1, 210-217.		3
14	<i>Bacteroides propionicigenes</i> sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	7
15	PapA, a peptidoglycan-associated protein, interacts with OmpC and maintains cell envelope integrity. <i>Environmental Microbiology</i> , 2021, 23, 600-612.	3.8	5
16	Environmental microbiology in China. <i>Environmental Microbiology</i> , 2021, 23, 529-529.	3.8	0
17	Host Gasdermin D restrains systemic endotoxemia by capturing Proteobacteria in the colon of high-fat diet-feeding mice. <i>Gut Microbes</i> , 2021, 13, 1946369.	9.8	19
18	Microbial Interactions Drive the Complete Catabolism of the Antibiotic Sulfamethoxazole in Activated Sludge Microbiomes. <i>Environmental Science & Technology</i> , 2021, 55, 3270-3282.	10.0	70

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19	Bacteria and Metabolic Potential in Karst Caves Revealed by Intensive Bacterial Cultivation and Genome Assembly. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	12
20	Structural Basis for Selective Oxidation of Phosphorylated Ethylphenols by Cytochrome P450 Monooxygenase CreJ. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	2
21	Mobile genetic elements mediate the mixotrophic evolution of novel <i>Alicyclobacillus</i> species for acid mine drainage adaptation. <i>Environmental Microbiology</i> , 2021, 23, 3896-3912.	3.8	12
22	Enlightening the taxonomy darkness of human gut microbiomes with a cultured biobank. <i>Microbiome</i> , 2021, 9, 119.	11.1	479
23	Effect of preferential UV photolysis on the source control of antibiotic resistome during subsequent biological treatment systems. <i>Journal of Hazardous Materials</i> , 2021, 414, 125484.	12.4	12
24	Submerged macrophytes recruit unique microbial communities and drive functional zonation in an aquatic system. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7517-7528.	3.6	9
25	Novel <i>Alcaligenes ammonioxydans</i> sp. nov. from wastewater treatment sludge oxidizes ammonia to N_2 with a previously unknown pathway. <i>Environmental Microbiology</i> , 2021, 23, 6965-6980.	3.8	33
26	<i>Blautia intestinalis</i> sp. nov., isolated from human feces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	8
27	<i>Candidatus</i> <i>Kaistella beijingensis</i> sp. nov., Isolated from a Municipal Wastewater Treatment Plant, Is Involved in Sludge Foaming. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0153421.	3.1	3
28	Responses of soil microbiome to steel corrosion. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 6.	6.4	28
29	Multi-omics study reveals that statin therapy is associated with restoration of gut microbiota homeostasis and improvement in outcomes in patients with acute coronary syndrome. <i>Theranostics</i> , 2021, 11, 5778-5793.	10.0	38
30	Tropical and temperate wastewater treatment plants assemble different and diverse microbiomes. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 853-867.	3.6	5
31	Physiology, Taxonomy, and Sulfur Metabolism of the Sulfolobales, an Order of Thermoacidophilic Archaea. <i>Frontiers in Microbiology</i> , 2021, 12, 768283.	3.5	4
32	Key Factors Governing Microbial Community in Extremely Acidic Mine Drainage (pH ≤ 3). <i>Frontiers in Microbiology</i> , 2021, 12, 761579.	3.5	12
33	The Mouse Gut Microbial Biobank expands the coverage of cultured bacteria. <i>Nature Communications</i> , 2020, 11, 79.	12.8	55
34	Insights into palladium nanoparticles produced by <i>Shewanella oneidensis</i> MR-1: Roles of NADH dehydrogenases and hydrogenases. <i>Environmental Research</i> , 2020, 191, 110196.	7.5	17
35	Activation of a Specific Gut Bacteroides-Folate-Liver Axis Benefits for the Alleviation of Nonalcoholic Hepatic Steatosis. <i>Cell Reports</i> , 2020, 32, 108005.	6.4	65
36	Abundant Taxa and Favorable Pathways in the Microbiome of Soda-Saline Lakes in Inner Mongolia. <i>Frontiers in Microbiology</i> , 2020, 11, 1740.	3.5	27

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37	Novel Pathway for Chloramphenicol Catabolism in the Activated Sludge Bacterial Isolate <i>Sphingobium</i> sp. CAP-1. <i>Environmental Science & Technology</i> , 2020, 54, 7591-7600.	10.0	41
38	Visualizing the invisible: class excursions to ignite children's enthusiasm for microbes. <i>Microbial Biotechnology</i> , 2020, 13, 844-887.	4.2	26
39	Comparative Genomic Analysis Reveals the Metabolism and Evolution of the Thermophilic Archaeal Genus <i>Metallosphaera</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1192.	3.5	8
40	UV photolysis as an efficient pretreatment method for antibiotics decomposition and their antibacterial activity elimination. <i>Journal of Hazardous Materials</i> , 2020, 392, 122321.	12.4	54
41	<i>Casimicrobium huifangae</i> gen. nov., sp. nov., a Ubiquitous "Most-Wanted" Core Bacterial Taxon from Municipal Wastewater Treatment Plants. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	26
42	<i>Rufibacter latericius</i> sp. nov., isolated from Baiyang Lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5943-5949.	1.7	7
43	Harnessing microfluidic streak plate technique to investigate the gut microbiome of <i>Reticulitermes chinensis</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00654.	3.0	16
44	Diversity, Distribution and Co-occurrence Patterns of Bacterial Communities in a Karst Cave System. <i>Frontiers in Microbiology</i> , 2019, 10, 1726.	3.5	80
45	Enhanced Microbial Interactions and Deterministic Successions During Anoxic Decomposition of <i>Microcystis</i> Biomass in Lake Sediment. <i>Frontiers in Microbiology</i> , 2019, 10, 2474.	3.5	9
46	Chemotaxis Towards Aromatic Compounds: Insights from <i>Comamonas testosteroni</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 2701.	4.1	22
47	The ligand-binding domain of a chemoreceptor from <i>Comamonas testosteroni</i> has a previously unknown homotrimeric structure. <i>Molecular Microbiology</i> , 2019, 112, 906-917.	2.5	13
48	Cross Talk between Chemosensory Pathways That Modulate Chemotaxis and Biofilm Formation. <i>MBio</i> , 2019, 10, .	4.1	49
49	Hybrid Two-Component Sensors for Identification of Bacterial Chemoreceptor Function. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	12
50	gcMeta: a Global Catalogue of Metagenomics platform to support the archiving, standardization and analysis of microbiome data. <i>Nucleic Acids Research</i> , 2019, 47, D637-D648.	14.5	70
51	<i>Parabacteroides distasonis</i> Alleviates Obesity and Metabolic Dysfunctions via Production of Succinate and Secondary Bile Acids. <i>Cell Reports</i> , 2019, 26, 222-235.e5.	6.4	630
52	Beneficial effect of butyrate-producing <i>Lachnospiraceae</i> on stress-induced visceral hypersensitivity in rats. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 1368-1376.	2.8	182
53	Chemotactic screening of imidazolinone-degrading bacteria by microfluidic SlipChip. <i>Journal of Hazardous Materials</i> , 2019, 366, 512-519.	12.4	20
54	<i>Crenobacter cavernae</i> sp. nov., isolated from a karst cave, and emended description of the genus <i>Crenobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 476-480.	1.7	11

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55	<i>Parabacteroides acidifaciens</i> sp. nov., isolated from human faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 761-766.	1.7	18
56	Structural Modification of Natural Product Ganomycin I Leading to Discovery of a β -Glucosidase and HMG-CoA Reductase Dual Inhibitor Improving Obesity and Metabolic Dysfunction in Vivo. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3609-3625.	6.4	56
57	Engineering the bacterium <i>Comamonas testosteroni</i> CNB-1: Plasmid curing and genetic manipulation. <i>Biochemical Engineering Journal</i> , 2018, 133, 74-82.	3.6	13
58	The global catalogue of microorganisms 10K type strain sequencing project: closing the genomic gaps for the validly published prokaryotic and fungi species. <i>GigaScience</i> , 2018, 7, .	6.4	35
59	New Intracellular Shikimic Acid Biosensor for Monitoring Shikimate Synthesis in <i>Corynebacterium glutamicum</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 591-601.	3.8	45
60	Environmental Adaptability and Quorum Sensing: Iron Uptake Regulation during Biofilm Formation by <i>Paracoccus denitrificans</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	25
61	Developing a Synthetic Biology Toolkit for <i>Comamonas testosteroni</i> , an Emerging Cellular Chassis for Bioremediation. <i>ACS Synthetic Biology</i> , 2018, 7, 1753-1762.	3.8	30
62	Selective oxidation of aliphatic C-H bonds in alkylphenols by a chemomimetic biocatalytic system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5129-E5137.	7.1	19
63	<i>Devosia nitraria</i> sp. nov., a novel species isolated from the roots of <i>Nitraria sibirica</i> in China. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1475-1483.	1.7	17
64	Construction of an easy-to-use CRISPR-Cas9 system by patching a newly designed EXIT circuit. <i>Journal of Biological Engineering</i> , 2017, 11, 32.	4.7	9
65	Sodium butyrate attenuates high-fat diet-induced steatohepatitis in mice by improving gut microbiota and gastrointestinal barrier. <i>World Journal of Gastroenterology</i> , 2017, 23, 60.	3.3	288
66	<i>Parapedobacter defluvii</i> sp. nov., isolated from the sewage treatment packing of a coking chemical plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4698-4703.	1.7	10
67	<i>Hymenobacter cavernae</i> sp. nov., isolated from a karst cave. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4825-4829.	1.7	19
68	A new subclass of intrinsic aminoglycoside nucleotidyltransferases, ANT(3'')-II, is horizontally transferred among <i>Acinetobacter</i> spp. by homologous recombination. <i>PLoS Genetics</i> , 2017, 13, e1006602.	3.5	27
69	Direct sensing and signal transduction during bacterial chemotaxis toward aromatic compounds in <i>Comamonas testosteroni</i> . <i>Molecular Microbiology</i> , 2016, 101, 224-237.	2.5	34
70	Reconstruction of metabolic networks in a fluoranthene-degrading enrichments from polycyclic aromatic hydrocarbon polluted soil. <i>Journal of Hazardous Materials</i> , 2016, 318, 90-98.	12.4	44
71	Automated Chemotactic Sorting and Single-cell Cultivation of Microbes using Droplet Microfluidics. <i>Scientific Reports</i> , 2016, 6, 24192.	3.3	36
72	A New Acyl-homoserine Lactone Molecule Generated by <i>Nitrobacter winogradskyi</i> . <i>Scientific Reports</i> , 2016, 6, 22903.	3.3	22

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73	Characterization of a Unique Pathway for 4-Cresol Catabolism Initiated by Phosphorylation in <i>Corynebacterium glutamicum</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 6583-6594.	3.4	38
74	High-Throughput Single-Cell Cultivation on Microfluidic Streak Plates. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2210-2218.	3.1	136
75	Cultivation and characterization of symbiotic bacteria from the gut of <i>Reticulitermes chinensis</i> . <i>Applied Environmental Biotechnology</i> , 2016, 1, 3.	2.4	5
76	Ribosome binding site libraries and pathway modules for shikimic acid synthesis with <i>Corynebacterium glutamicum</i> . <i>Microbial Cell Factories</i> , 2015, 14, 71.	4.0	78
77	Functional characterization of a mycothiol peroxidase in <i>Corynebacterium glutamicum</i> that uses both mycoredoxin and thioredoxin reducing systems in the response to oxidative stress. <i>Biochemical Journal</i> , 2015, 469, 45-57.	3.7	43
78	<i>Corynebacterium glutamicum</i> Methionine Sulfoxide Reductase A Uses both Mycoredoxin and Thioredoxin for Regeneration and Oxidative Stress Resistance. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2781-2796.	3.1	42
79	Engineering of <i>Ralstonia eutropha</i> for the production of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) from glucose. <i>Journal of Biotechnology</i> , 2015, 195, 82-88.	3.8	34
80	Unraveling the kinetic diversity of microbial 3-dehydroquinase dehydratases of shikimate pathway. <i>AMB Express</i> , 2015, 5, 7.	3.0	5
81	<i>Methylophilum henanense</i> sp. nov., a novel methylotrophic bacterium isolated from tribenuron methyl-contaminated wheat soil. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 329-336.	1.7	13
82	A novel chemoreceptor MCP2983 from <i>Comamonas testosteroni</i> specifically binds to cis-aconitate and triggers chemotaxis towards diverse organic compounds. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2773-2781.	3.6	25
83	<i>Grylotalpicola reticulitermitis</i> sp. nov., isolated from a termite gut. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 85-89.	1.7	20
84	<i>Metallosphaera tengchongensis</i> sp. nov., an acidothermophilic archaeon isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 537-542.	1.7	19
85	<i>Tumebacillus algifaecis</i> sp. nov., isolated from decomposing algal scum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2194-2198.	1.7	14
86	<i>Alicyclobacillus fodiniaquatis</i> sp. nov., isolated from acid mine water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4915-4920.	1.7	15
87	<i>Clostridium algifaecis</i> sp. nov., an anaerobic bacterial species from decomposing algal scum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3844-3848.	1.7	24
88	Benzoate Metabolism Intermediate Benzoyl Coenzyme A Affects Gentisate Pathway Regulation in <i>Comamonas testosteroni</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 4051-4062.	3.1	27
89	Thiosulfate Transfer Mediated by DsrE/TusA Homologs from Acidothermophilic Sulfur-oxidizing Archaeon <i>Metallosphaera cuprina</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 26949-26959.	3.4	53
90	Metabolic flux responses to genetic modification for shikimic acid production by <i>Bacillus subtilis</i> strains. <i>Microbial Cell Factories</i> , 2014, 13, 40.	4.0	29

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91	Genetic characterization of 4-cresol catabolism in <i>Corynebacterium glutamicum</i> . <i>Journal of Biotechnology</i> , 2014, 192, 355-365.	3.8	15
92	Proteomic and molecular investigations revealed that <i>Acidithiobacillus caldus</i> adopts multiple strategies for adaptation to NaCl stress. <i>Science Bulletin</i> , 2014, 59, 301-309.	1.7	19
93	Construction and application of an expression vector from the new plasmid pLATc1 of <i>Acidithiobacillus caldus</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4083-4094.	3.6	14
94	Bacterial chemotaxis on SlipChip. <i>Lab on A Chip</i> , 2014, 14, 3074-3080.	6.0	35
95	Resolution of carbon metabolism and sulfur-oxidation pathways of <i>Metallosphaera cuprina</i> Ar-4 via comparative proteomics. <i>Journal of Proteomics</i> , 2014, 109, 276-289.	2.4	30
96	NrdH Redoxin Enhances Resistance to Multiple Oxidative Stresses by Acting as a Peroxidase Cofactor in <i>Corynebacterium glutamicum</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 1750-1762.	3.1	43
97	Interaction between DAHP synthase and chorismate mutase endows new regulation on DAHP synthase activity in <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 10373-10380.	3.6	12
98	Assimilation of aromatic compounds by <i>Comamonas testosteroni</i> : characterization and spreadability of protocatechuate 4,5-cleavage pathway in bacteria. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6031-6041.	3.6	36
99	<i>Paenibacillus taihuensis</i> sp. nov., isolated from an eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3652-3658.	1.7	19
100	Structures of aminophenol dioxygenase in complex with intermediate, product and inhibitor. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 32-43.	2.5	19
101	<i>Chryseobacterium taihuense</i> sp. nov., isolated from a eutrophic lake, and emended descriptions of the genus <i>Chryseobacterium</i> , <i>Chryseobacterium taiwanense</i> , <i>Chryseobacterium jejuense</i> and <i>Chryseobacterium indoltheticum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 913-919.	1.7	65
102	<i>Undibacterium terreum</i> sp. nov., isolated from permafrost soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2296-2300.	1.7	19
103	<i>Parapedobacter pyrenivorans</i> sp. nov., isolated from a pyrene-degrading microbial enrichment, and emended description of the genus <i>Parapedobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3994-3999.	1.7	27
104	Consumers of 4-chloro-2-methylphenoxyacetic acid from agricultural soil and drilosphere harbor <i>cadA</i> , <i>r/sdpA</i> , and <i>tfdA</i> -like gene encoding oxygenases. <i>FEMS Microbiology Ecology</i> , 2013, 86, 114-129.	2.7	19
105	<i>Comamonas testosteroni</i> uses a chemoreceptor for tricarboxylic acid cycle intermediates to trigger chemotactic responses towards aromatic compounds. <i>Molecular Microbiology</i> , 2013, 90, 813-823.	2.5	62
106	Identification and Characterization of \hat{I}^3 -Aminobutyric Acid Uptake System GabP _{Cg} (NCgl0464) in <i>Corynebacterium glutamicum</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 2596-2601.	3.1	48
107	<i>Deinococcus reticulitermitis</i> sp. nov., isolated from a termite gut. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 78-83.	1.7	36
108	Phenylacetic Acid Catabolism and Its Transcriptional Regulation in <i>Corynebacterium glutamicum</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 5796-5804.	3.1	32

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109	Crystallization and preliminary crystallographic analysis of 2-aminophenol 1,6-dioxygenase complexed with substrate and with an inhibitor. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1337-1340.	0.7	3
110	<i>Pseudomonas linyingensis</i> sp. nov.: A Novel Bacterium Isolated from Wheat Soil Subjected to Long-term Herbicides Application. <i>Current Microbiology</i> , 2012, 65, 595-600.	2.2	20
111	The TetR-Type Transcriptional Repressor RolR from <i>Corynebacterium glutamicum</i> Regulates Resorcinol Catabolism by Binding to a Unique Operator, <i>roLO</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 6009-6016.	3.1	22
112	Degradation and assimilation of aromatic compounds by <i>Corynebacterium glutamicum</i> : another potential for applications for this bacterium?. <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 77-89.	3.6	109
113	Biochemical and Molecular Characterization of the Gentisate Transporter GenK in <i>Corynebacterium glutamicum</i> . <i>PLoS ONE</i> , 2012, 7, e38701.	2.5	24
114	<i>Metallosphaera cuprina</i> sp. nov., an acidothermophilic, metal-mobilizing archaeon. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2395-2400.	1.7	50
115	Unraveling the <i>Acidithiobacillus caldus</i> complete genome and its central metabolisms for carbon assimilation. <i>Journal of Genetics and Genomics</i> , 2011, 38, 243-252.	3.9	60
116	Crystal Structures of the Transcriptional Repressor RolR Reveals a Novel Recognition Mechanism between Inducer and Regulator. <i>PLoS ONE</i> , 2011, 6, e19529.	2.5	12
117	<i>Alphaproteobacteria</i> dominate active methylchlorophenoxyacetic acid herbicide degraders in agricultural soil and drilosphere. <i>Environmental Microbiology</i> , 2011, 13, 991-1009.	3.8	41
118	The earthworm <i>Aporrectodea caliginosa</i> stimulates abundance and activity of phenoxyalkanoic acid herbicide degraders. <i>ISME Journal</i> , 2011, 5, 473-485.	9.8	43
119	Genomic analysis of <i>Acidianus hospitalis</i> W1 a host for studying crenarchaeal virus and plasmid life cycles. <i>Extremophiles</i> , 2011, 15, 487-497.	2.3	35
120	Functional characterization of a gene cluster involved in gentisate catabolism in <i>Rhodococcus</i> sp. strain NCIMB 12038. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 671-678.	3.6	35
121	The ncgl1108 (PheP Cg) gene encodes a new l-Phe transporter in <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 2005-2013.	3.6	23
122	Conserved residues in the aromatic acid/H ⁺ symporter family are important for benzoate uptake by NCgl2325 in <i>Corynebacterium glutamicum</i> . <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 527-532.	3.9	10
123	<i>Frateuria terrea</i> sp. nov., isolated from forest soil, and emended description of the genus <i>Frateuria</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 443-447.	1.7	18
124	<i>Phycoccus cremeus</i> sp. nov., isolated from forest soil, and emended description of the genus <i>Phycoccus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 71-75.	1.7	27
125	Complete Genome Sequence of <i>Metallosphaera cuprina</i> , a Metal Sulfide-Oxidizing Archaeon from a Hot Spring. <i>Journal of Bacteriology</i> , 2011, 193, 3387-3388.	2.2	39
126	Identification and quantification of mycothiol in Actinobacteria by a novel enzymatic method. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 1393-1401.	3.6	7

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127	<i>Agrococcus terreus</i> sp. nov. and <i>Micrococcus terreus</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1897-1903.	1.7	47
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