

Riyaz Z Sayyed

List of Publications by Year in descending order

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Version: 2024-02-01

143
papers

5,443
citations

159585

30
h-index

114465

63
g-index

162
all docs

162
docs citations

162
times ranked

3325
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphate solubilizing microbes: sustainable approach for managing phosphorus deficiency in agricultural soils. SpringerPlus, 2013, 2, 587.	1.2	1,291
2	Plant Growth Promoting Rhizobacteria (PGPR) as Green Bioinoculants: Recent Developments, Constraints, and Prospects. Sustainability, 2021, 13, 1140.	3.2	410
3	Recent Understanding of Soil Acidobacteria and Their Ecological Significance: A Critical Review. Frontiers in Microbiology, 2020, 11, 580024.	3.5	314
4	Beneficial microbiomes for bioremediation of diverse contaminated environments for environmental sustainability: present status and future challenges. Environmental Science and Pollution Research, 2021, 28, 24917-24939.	5.3	134
5	Bacterial Plant Biostimulants: A Sustainable Way towards Improving Growth, Productivity, and Health of Crops. Sustainability, 2021, 13, 2856.	3.2	122
6	Insights into the Interactions among Roots, Rhizosphere, and Rhizobacteria for Improving Plant Growth and Tolerance to Abiotic Stresses: A Review. Cells, 2021, 10, 1551.	4.1	112
7	ACC deaminase and antioxidant enzymes producing halophilic <i>Enterobacter</i> sp. PR14 promotes the growth of rice and millets under salinity stress. Physiology and Molecular Biology of Plants, 2020, 26, 1847-1854.	3.1	110
8	Exopolysaccharides Producing Bacteria for the Amelioration of Drought Stress in Wheat. Sustainability, 2020, 12, 8876.	3.2	110
9	Effects of brassinolide on plant growth, antioxidants defense system, and endogenous hormones in two wheat varieties under drought stress. Physiologia Plantarum, 2021, 172, 696-706.	5.2	89
10	Production, Purification, and Characterization of Bacillibactin Siderophore of <i>Bacillus subtilis</i> and Its Application for Improvement in Plant Growth and Oil Content in Sesame. Sustainability, 2021, 13, 5394.	3.2	78
11	Drought-Tolerant Phosphorus-Solubilizing Microbes: Biodiversity and Biotechnological Applications for Alleviation of Drought Stress in Plants. Microorganisms for Sustainability, 2019, , 255-308.	0.7	76
12	Biocontrol Potential of Siderophore Producing Heavy Metal Resistant <i>Alcaligenes</i> sp. and <i>Pseudomonas aeruginosa</i> RZS3 vis-à-vis Organophosphorus Fungicide. Indian Journal of Microbiology, 2011, 51, 266-272.	2.7	75
13	Role of Hydrolytic Enzymes of Rhizoflora in Biocontrol of Fungal Phytopathogens: An Overview. , 2017, , 183-203.		74
14	Production of Plant Beneficial and Antioxidants Metabolites by <i>Klebsiellavariicola</i> under Salinity Stress. Molecules, 2021, 26, 1894.	3.8	74
15	Co-Inoculation of Rhizobacteria and Biochar Application Improves Growth and Nutrients in Soybean and Enriches Soil Nutrients and Enzymes. Agronomy, 2020, 10, 1142.	3.0	70
16	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.	2.8	69
17	Siderophore-Producing <i>Alcaligenes faecalis</i> Exhibited More Biocontrol Potential Vis-à-Vis Chemical Fungicide. Current Microbiology, 2009, 58, 47-51.	2.2	65
18	Co-inoculation of rhizobacteria promotes growth, yield, and nutrient contents in soybean and improves soil enzymes and nutrients under drought conditions. Scientific Reports, 2021, 11, 22081.	3.3	58

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19	Siderophore Producing PGPR for Crop Nutrition and Phytopathogen Suppression. , 2013, , 449-471.		56
20	Role of Plant Growth-Promoting Rhizobacteria and Their Formulation in Biocontrol of Plant Diseases. , 2015, , 337-351.		56
21	Inoculation of <i>Klebsiella variicola</i> Alleviated Salt Stress and Improved Growth and Nutrients in Wheat and Maize. <i>Agronomy</i> , 2021, 11, 927.	3.0	56
22	Zinc nutrition and arbuscular mycorrhizal symbiosis effects on maize (<i>Zea mays</i> L.) growth and productivity. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6339-6351.	3.8	54
23	Role of <i>Bacillus cereus</i> in Improving the Growth and Phytoextractability of <i>Brassica nigra</i> (L.) K. Koch in Chromium Contaminated Soil. <i>Molecules</i> , 2021, 26, 1569.	3.8	52
24	Improvement of Plant Responses by Nanobiofertilizer: A Step towards Sustainable Agriculture. <i>Nanomaterials</i> , 2022, 12, 965.	4.1	51
25	Siderophore production in groundnut rhizosphere isolate, <i>Achromobacter</i> sp. RZS2 influenced by physicochemical factors and metal ions. <i>Environmental Sustainability</i> , 2019, 2, 117-124.	2.8	49
26	Halotolerant Microbial Consortia for Sustainable Mitigation of Salinity Stress, Growth Promotion, and Mineral Uptake in Tomato Plants and Soil Nutrient Enrichment. <i>Sustainability</i> , 2021, 13, 8369.	3.2	48
27	Halotolerant Rhizobacteria for Salinity-Stress Mitigation: Diversity, Mechanisms and Molecular Approaches. <i>Sustainability</i> , 2022, 14, 490.	3.2	45
28	Optimizing nutrient use efficiency, productivity, energetics, and economics of red cabbage following mineral fertilization and biopriming with compatible rhizosphere microbes. <i>Scientific Reports</i> , 2021, 11, 15680.	3.3	43
29	Fungal Endophytes to Combat Biotic and Abiotic Stresses for Climate-Smart and Sustainable Agriculture. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	39
30	Statistical-based optimization and scale-up of siderophore production process on laboratory bioreactor. <i>3 Biotech</i> , 2016, 6, 69.	2.2	37
31	Purification of siderophores of <i>Alcaligenes faecalis</i> on Amberlite XAD. <i>Bioresource Technology</i> , 2006, 97, 1026-1029.	9.6	36
32	Biofertilizer Application Enhances Drought Stress Tolerance and Alters the Antioxidant Enzymes in Medicinal Pumpkin (<i>Cucurbita pepo</i> convar. <i>pepo</i> var. <i>Styriaca</i>). <i>Horticulturae</i> , 2021, 7, 588.	2.8	36
33	Microbial Remediation: A Promising Tool for Reclamation of Contaminated Sites with Special Emphasis on Heavy Metal and Pesticide Pollution: A Review. <i>Processes</i> , 2022, 10, 1358.	2.8	36
34	Isolation and characterization of endophytic bacteria from ginger (<i>Zingiber officinale</i> Rosc.). <i>Annals of Phytomedicine an International Journal</i> , 2020, 9, .	0.1	34
35	Growth and siderophores production in <i>Alcaligenes faecalis</i> is regulated by metal ions. <i>Indian Journal of Microbiology</i> , 2010, 50, 179-182.	2.7	33
36	A Mixture of Piper Leaves Extracts and Rhizobacteria for Sustainable Plant Growth Promotion and Bio-Control of Blast Pathogen of Organic Bali Rice. <i>Sustainability</i> , 2020, 12, 8490.	3.2	33

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37	Co-Inoculation of <i>Bacillus</i> spp. for Growth Promotion and Iron Fortification in Sorghum. Sustainability, 2021, 13, 12091.	3.2	33
38	Production of alkaline protease by rhizospheric <i>Bacillus cereus</i> HP_RZ17 and <i>Paenibacillus xylanilyticus</i> HP_RZ19. Environmental Sustainability, 2020, 3, 5-13.	2.8	32
39	Pythium Damping-Off and Root Rot of <i>Capsicum annuum</i> L.: Impacts, Diagnosis, and Management. Microorganisms, 2021, 9, 823.	3.6	29
40	Biocontrol Activity of <i>Aureobasidium pullulans</i> and <i>Candida orthopsilosis</i> Isolated from <i>Tectona grandis</i> L. Phylloplane against <i>Aspergillus</i> sp. in Post-Harvested Citrus Fruit. Sustainability, 2021, 13, 7479.	3.2	29
41	Plant growth promoting potential of <i>Aspergillus</i> sp. NPF7, isolated from wheat rhizosphere in South Gujarat, India. Environmental Sustainability, 2018, 1, 245-252.	2.8	28
42	Effects of the Combinations of Rhizobacteria, Mycorrhizae, and Seaweed, and Supplementary Irrigation on Growth and Yield in Wheat Cultivars. Plants, 2021, 10, 811.	3.5	28
43	Connecting Bio-Priming Approach with Integrated Nutrient Management for Improved Nutrient Use Efficiency in Crop Species. Agriculture (Switzerland), 2021, 11, 372.	3.1	28
44	Detection of antimicrobial traits in fluorescent pseudomonads and molecular characterization of an antibiotic pyoluteorin. 3 Biotech, 2016, 6, 227.	2.2	27
45	Psychrotrophic Microbes: Biodiversity, Mechanisms of Adaptation, and Biotechnological Implications in Alleviation of Cold Stress in Plants. Microorganisms for Sustainability, 2019, , 219-253.	0.7	26
46	Halotolerant Plant Growth-Promoting Rhizobacteria Isolated From Saline Soil Improve Nitrogen Fixation and Alleviate Salt Stress in Rice Plants. Frontiers in Microbiology, 0, 13, .	3.5	26
47	Plant Growth-Promoting Rhizobacteria: An Eco-friendly Approach for Sustainable Agroecosystem. , 2016, , 181-201.		25
48	Impact of mineral fertilizers on mineral nutrients in the ginger rhizome and on soil enzymes activities and soil properties. Saudi Journal of Biological Sciences, 2021, 28, 5268-5274.	3.8	25
49	Linking Organic Metabolites as Produced by <i>Purpureocillium lilacinum</i> 6029 Cultured on Karanja Deoiled Cake Medium for the Sustainable Management of Root-Knot Nematodes. Sustainability, 2020, 12, 8276.	3.2	24
50	Antifungal Activity of the Extract of a Macroalgae, <i>Gracilariopsis persica</i> , against Four Plant Pathogenic Fungi. Plants, 2021, 10, 1781.	3.5	24
51	Evaluation of Plant Growth-Promoting and Salinity Ameliorating Potential of Halophilic Bacteria Isolated From Saline Soil. Frontiers in Plant Science, 0, 13, .	3.6	24
52	Hypochlorite digestion method for efficient recovery of PHB from <i>Alcaligenes faecalis</i> . Indian Journal of Microbiology, 2009, 49, 230-232.	2.7	23
53	Plant Growth-Promoting Rhizobacteria and Salinity Stress: A Journey into the Soil. Microorganisms for Sustainability, 2019, , 21-34.	0.7	23
54	Biosynthesis of Antibiotics by PGPR and Their Roles in Biocontrol of Plant Diseases. Microorganisms for Sustainability, 2019, , 1-35.	0.7	23

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55	Psychrotolerant Mesorhizobium sp. Isolated from Temperate and Cold Desert Regions Solubilizes Potassium and Produces Multiple Plant Growth Promoting Metabolites. <i>Molecules</i> , 2021, 26, 5758.	3.8	22
56	Mining the Genome of <i>Bacillus velezensis</i> VB7 (CP047587) for MAMP Genes and Non-Ribosomal Peptide Synthetase Gene Clusters Conferring Antiviral and Antifungal Activity. <i>Microorganisms</i> , 2021, 9, 2511.	3.6	22
57	Induction of Systemic Resistance in Maize and Antibiofilm Activity of Surfactin From <i>Bacillus velezensis</i> MS20. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	22
58	Production of Exo-polysaccharide by <i>Rhizobium</i> sp.. <i>Indian Journal of Microbiology</i> , 2011, 51, 294-300.	2.7	21
59	Insect Gut Bacteria: A Novel Source for Siderophore Production. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 567-572.	1.0	19
60	The Effect of Mycorrhizal Fungi and Organic Fertilizers on Quantitative and Qualitative Traits of Two Important <i>Satureja</i> Species. <i>Agronomy</i> , 2021, 11, 1285.	3.0	19
61	Plant Growth-Promoting Rhizobacteria: An Overview in Agricultural Perspectives. <i>Microorganisms for Sustainability</i> , 2019, , 345-361.	0.7	19
62	Multifarious Indigenous Diazotrophic Rhizobacteria of Rice (<i>Oryza sativa</i> L.) Rhizosphere and Their Effect on Plant Growth Promotion. <i>Frontiers in Nutrition</i> , 2021, 8, 781764.	3.7	19
63	Silver nanoparticles from insect wing extract: Biosynthesis and evaluation for antioxidant and antimicrobial potential. <i>PLoS ONE</i> , 2021, 16, e0241729.	2.5	18
64	Advances in Biochar and PGPR engineering system for hydrocarbon degradation: A promising strategy for environmental remediation. <i>Environmental Pollution</i> , 2022, 305, 119282.	7.5	18
65	Mineral Fertilizers Improves the Quality of Turmeric and Soil. <i>Sustainability</i> , 2021, 13, 9437.	3.2	17
66	Purification and kinetics of the PHB depolymerase of <i>Microbacterium paraoxydans</i> RZS6 isolated from a dumping yard. <i>PLoS ONE</i> , 2019, 14, e0212324.	2.5	16
67	Combined bio-chemical fertilizers ameliorate agro-biochemical attributes of black cumin (<i>Nigella</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 3.3 16	3.3	16
68	Eco-friendly soil amendments improve growth, antioxidant activities, and root colonization in lingrain (<i>Linum Usitatissimum</i> L.) under drought conditions. <i>PLoS ONE</i> , 2021, 16, e0261225.	2.5	16
69	Development of eco-friendly bioplastic like PHB by distillery effluent microorganisms. <i>Environmental Science and Pollution Research</i> , 2013, 20, 488-497.	5.3	15
70	Statistical optimization for enhanced production of extracellular laccase from <i>Aspergillus</i> sp. HB_RZ4 isolated from bark scrapping. <i>Environmental Sustainability</i> , 2018, 1, 159-166.	2.8	15
71	Production, purification and evaluation of biodegradation potential of PHB depolymerase of <i>Stenotrophomonas</i> sp. RZS7. <i>PLoS ONE</i> , 2020, 15, e0220095.	2.5	15
72	Tree bark scrape fungus: A potential source of laccase for application in bioremediation of non-textile dyes. <i>PLoS ONE</i> , 2020, 15, e0229968.	2.5	15

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73	Bacillus subtilis: A Multifarious Plant Growth Promoter, Biocontrol Agent, and Bioalleviator of Abiotic Stress. <i>Bacilli in Climate Resilient Agriculture and Bioprospecting</i> , 2022, , 561-580.	1.2	15
74	Production of biocontrol traits by banana field fluorescent Pseudomonads and comparison with chemical fungicide. <i>Indian Journal of Experimental Biology</i> , 2014, 52, 917-20.	0.0	15
75	Plant-Derived Protectants in Combating Soil-Borne Fungal Infections in Tomato and Chilli. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 213.	3.5	15
76	Prevalence of mycorrhizae in host plants and rhizosphere soil: A biodiversity aspect. <i>PLoS ONE</i> , 2022, 17, e0266403.	2.5	15
77	Extracellular polymeric substances in psychrophilic cyanobacteria: A potential bioflocculant and carbon sink to mitigate cold stress. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102375.	3.1	15
78	Stenotrophomonas sp. RZS 7, a novel PHB degrader isolated from plastic contaminated soil in Shahada, Maharashtra, Western India. <i>3 Biotech</i> , 2016, 6, 179.	2.2	14
79	Production of Biodegradable Polymer from Agro-Wastes in <i>Alcaligenes</i> sp. and <i>Pseudomonas</i> sp.. <i>Molecules</i> , 2021, 26, 2443.	3.8	14
80	Trichoderma: Biocontrol Agents for Promoting Plant Growth and Soil Health. <i>Fungal Biology</i> , 2020, , 239-259.	0.6	14
81	Dynamism of PGPR in bioremediation and plant growth promotion in heavy metal contaminated soil. <i>Indian Journal of Experimental Biology</i> , 2016, 54, 286-90.	0.0	14
82	Biofilm production: A strategic mechanism for survival of microbes under stress conditions. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102337.	3.1	14
83	Plausible Role of Plant Growth-Promoting Rhizobacteria in Future Climatic Scenario. , 2019, , 175-197.		13
84	An Insight into Probiotics Bio-Route: Translocation from the Mother's Gut to the Mammary Gland. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7247.	2.5	13
85	The Effect of Foliar Application of Magnetic Water and Nano-Fertilizers on Phytochemical and Yield Characteristics of Fennel. <i>Horticulturae</i> , 2021, 7, 475.	2.8	13
86	Plant growth promotion and root colonization by EPS producing <i>Enterobacter</i> sp. RZS5 under heavy metal contaminated soil. <i>Indian Journal of Experimental Biology</i> , 2015, 53, 116-23.	0.0	13
87	Optimization and scale-up of laccase production by <i>Bacillus</i> sp. BAB-4151 isolated from the waste of the soap industry. <i>Environmental Sustainability</i> , 2020, 3, 471-479.	2.8	12
88	Advances in Nematode Identification: A Journey from Fundamentals to Evolutionary Aspects. <i>Diversity</i> , 2022, 14, 536.	1.7	12
89	Efficient kefiran production by <i>Lactobacillus kefiranofaciens</i> ATCC 43761 in submerged cultivation: Influence of osmotic stress and nonionic surfactants, and potential bioactivities. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8513-8523.	4.9	11
90	Biopriming and Nanopriming: Green Revolution Wings to Increase Plant Yield, Growth, and Development Under Stress Condition and Forward Dimensions. , 2021, , 623-655.		11

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91	Nanoparticles combined with cefixime as an effective synergistic strategy against <i>Salmonella enterica typhi</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4164-4172.	3.8	11
92	Bio-Chemical Fertilizer Improves the Oil Yield, Fatty Acid Compositions, and Macro-Nutrient Contents in <i>Nigella sativa</i> L.. <i>Horticulturae</i> , 2021, 7, 345.	2.8	11
93	Seed-Borne Probiotic Yeasts Foster Plant Growth and Elicit Health Protection in Black Gram (<i>Vigna</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 3.2 11	3.2	11
94	Nano-insecticide: synthesis, characterization, and evaluation of insecticidal activity of ZnO NPs against <i>Spodoptera litura</i> and <i>Macrosiphum euphorbiae</i> . <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 3835-3850.	3.1	11
95	Potential of Plant Growth-Promoting Rhizobacteria for Sustainable Agriculture. , 2012, , 287-313.		10
96	Nanoparticles: A New Threat to Crop Plants and Soil Rhizobia?. <i>Sustainable Agriculture Reviews</i> , 2020, , 201-214.	1.1	10
97	Biomolecular Painstaking Utilization and Assimilation of Phosphorus Under Indigent Stage in Agricultural Crops. , 2021, , 565-588.		9
98	Analysis of Nutritional Quality Attributes and Their Inter-Relationship in Maize Inbred Lines for Sustainable Livelihood. <i>Sustainability</i> , 2021, 13, 6137.	3.2	9
99	Chemical Characterization, Crossfeeding and Uptake Studies on Hydroxamate Siderophore of <i>Alcaligenes faecalis</i> . <i>Indian Journal of Microbiology</i> , 2011, 51, 176-181.	2.7	8
100	Statistical Based Bioprocess Design for Improved Production of Amylase from Halophilic <i>Bacillus</i> sp. H7 Isolated from Marine Water. <i>Molecules</i> , 2021, 26, 2833.	3.8	8
101	Constitutive production of extracellular glucose isomerase by an osmophilic <i>Aspergillus</i> sp. under submerged conditions. <i>Journal of Food Science and Technology</i> , 2010, 47, 496-500.	2.8	7
102	Bacterial Determinants and Plant Defense Induction: Their Role as Biocontrol Agents in Sustainable Agriculture. , 2016, , 187-204.		7
103	Cholesterol Reduction and Vitamin B12 Production Study on <i>Enterococcus faecium</i> and <i>Lactobacillus pentosus</i> Isolated from Yoghurt. <i>Sustainability</i> , 2021, 13, 5853.	3.2	7
104	Conservation agricultural practices for minimizing ammonia volatilization and maximizing wheat productivity. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9792-9804.	5.3	7
105	Biosurfactant producing multifarious <i>Streptomyces puniceus</i> RHP9 of <i>Coscinium fenestratum</i> rhizosphere promotes plant growth in chili. <i>PLoS ONE</i> , 2022, 17, e0264975.	2.5	7
106	Frequency distribution and association of Fat-mass and obesity (FTO) gene SNP rs-9939609 variant with Diabetes Mellitus Type-II population of Hyderabad, Sindh, Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4183-4190.	3.8	6
107	<i>Lilium philadelphicum</i> Flower as a Novel Source of Antimicrobial Agents: A Study of Bioactivity, Phytochemical Analysis, and Partial Identification of Antimicrobial Metabolites. <i>Sustainability</i> , 2021, 13, 8471.	3.2	6
108	Bis- and mono-substituted Chalcones exert anti-feedant and toxic effects on fall armyworm <i>Spodoptera frugiperda</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5754-5759.	3.8	6

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109	Effect of Different Biological and Organic Fertilizer Sources on the Quantitative and Qualitative Traits of <i>Cephalaria syriaca</i> . <i>Horticulturae</i> , 2021, 7, 397.	2.8	6
110	Nuts as a Part of Dietary Strategy to Improve Metabolic Biomarkers: A Narrative Review. <i>Frontiers in Nutrition</i> , 2022, 9, 881843.	3.7	6
111	The Optimization of Gelatin Extraction from Chicken Feet and the Development of Gelatin Based Active Packaging for the Shelf-Life Extension of Fresh Grapes. <i>Sustainability</i> , 2022, 14, 7881.	3.2	6
112	Botanical insecticides effectively control chickpea weevil, <i>Callosobruchus maculatus</i> . <i>Environmental Sustainability</i> , 2018, 1, 295-301.	2.8	5
113	Stimulation of Seed Germination and Growth Parameters of Rice var. Sahbhagi by <i>Enterobacter cloacae</i> in the Presence of Ammonium Sulphate as Substitute of ACC. , 2019, , 117-124.		5
114	Impact of Probiotics in Modulation of Gut Microbiome. , 2022, , 401-409.		5
115	<i>Neurospora</i> sp. SR8, a novel phosphate solubiliser from rhizosphere soil of Sorghum in Kachchh, Gujarat, India. <i>Indian Journal of Experimental Biology</i> , 2016, 54, 644-649.	0.0	5
116	The Effect of Some Wild Grown Plant Extracts and Essential Oils on <i>Pectobacterium betavasculorum</i> : The Causative Agent of Bacterial Soft Rot and Vascular Wilt of Sugar Beet. <i>Plants</i> , 2022, 11, 1155.	3.5	5
117	The potential of <i>Bacillus subtilis</i> and phosphorus in improving the growth of wheat under chromium stress. <i>Journal of Applied Microbiology</i> , 2022, 133, 3307-3321.	3.1	5
118	Genetic assessment of the internal transcribed spacer region (ITS1.2) in <i>Mangifera indica</i> L. landraces. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 107-117.	3.1	4
119	Utilization of industrial waste for the sustainable production of bacterial cellulose. <i>Environmental Sustainability</i> , 2020, 3, 427-435.	2.8	4
120	In Silico Molecular Docking Analysis of α -Pinene: An Antioxidant and Anticancer Drug Obtained from <i>Myrtus communis</i> . <i>International Journal of Cancer Management</i> , 2021, 14, .	0.4	4
121	Rhizobacteria: Legendary Soil Guards in Abiotic Stress Management. <i>Microorganisms for Sustainability</i> , 2019, , 327-343.	0.7	4
122	Analysis of Nutrients, Heavy Metals and Microbial Content In Organic and Non-Organic Agriculture Fields of Bareilly Region- Western Uttar Pradesh, India. <i>Biosciences, Biotechnology Research Asia</i> , 2020, 17, 399-406.	0.5	4
123	An analysis of bioaccumulation, phytotranslocation, and health risk potential of soil cadmium released from waste leachate on a calcareous semi-arid transect. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 5957-5968.	3.5	4
124	Poly-beta-hydroxybutyrate production by <i>Pseudomonas</i> sp. RZS 1 under aerobic and semi-aerobic condition. <i>Indian Journal of Experimental Biology</i> , 2010, 48, 942-7.	0.0	4
125	Production, statistical optimization, and functional characterization of alkali stable pectate lyase of <i>Paenibacillus lactis</i> PKC5 for use in juice clarification. <i>Scientific Reports</i> , 2022, 12, 7564.	3.3	4
126	Formation of recombinant bifunctional fusion protein: A newer approach to combine the activities of two enzymes in a single protein. <i>PLoS ONE</i> , 2022, 17, e0265969.	2.5	3

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127	Plant Small RNAs: Big Players in Biotic Stress Responses. <i>Microorganisms for Sustainability</i> , 2019, , 217-239.	0.7	2
128	Delving through Quorum Sensing and CRISPRi Strategies for Enhanced Surfactin Production. , 2022, , 59-79.		2
129	In-Silico Investigation of Effects of Single-Nucleotide Polymorphisms in PCOS-Associated CYP11A1 Gene on Mutated Proteins. <i>Genes</i> , 2022, 13, 1231.	2.4	2
130	Interaction of Rhizobacteria with Soil Microorganisms: An Agro-Beneficiary Aspect. <i>Microorganisms for Sustainability</i> , 2019, , 241-259.	0.7	1
131	Genome-wide exploration of sugar transporter (sweet) family proteins in Fabaceae for Sustainable protein and carbon source. <i>PLoS ONE</i> , 2022, 17, e0268154.	2.5	1
132	Phytochemicals with Anticancer Potential: Methods of Extraction, Basic Structure, and Chemotherapeutic Action. , 2018, , 431-453.		0
133	Long term Impacts of Effluents on Quality of the Kosi River Water at District Rampur, Uttar Pradesh, India. <i>Biosciences, Biotechnology Research Asia</i> , 2021, 18, 59-69.	0.5	0
134	Title is missing!. , 2020, 15, e0220095.		0
135	Title is missing!. , 2020, 15, e0220095.		0
136	Title is missing!. , 2020, 15, e0220095.		0
137	Title is missing!. , 2020, 15, e0220095.		0
138	Title is missing!. , 2020, 15, e0220095.		0
139	Title is missing!. , 2020, 15, e0220095.		0
140	Title is missing!. , 2020, 15, e0229968.		0
141	Title is missing!. , 2020, 15, e0229968.		0
142	Title is missing!. , 2020, 15, e0229968.		0
143	Title is missing!. , 2020, 15, e0229968.		0