

Riyaz Z Sayyed

List of Publications by Year in descending order

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Version: 2024-02-01

143
papers

5,443
citations

159525

30
h-index

114418

63
g-index

162
all docs

162
docs citations

162
times ranked

3325
citing authors

#	ARTICLE	IF	CITATIONS
1	Conservation agricultural practices for minimizing ammonia volatilization and maximizing wheat productivity. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9792-9804.	2.7	7
2	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.	1.8	4
3	Halotolerant Rhizobacteria for Salinity-Stress Mitigation: Diversity, Mechanisms and Molecular Approaches. <i>Sustainability</i> , 2022, 14, 490.	1.6	45
4	Impact of Probiotics in Modulation of Gut Microbiome. , 2022, , 401-409.		5
5	<i>Bacillus subtilis</i> : A Multifarious Plant Growth Promoter, Biocontrol Agent, and Bioalleviator of Abiotic Stress. <i>Bacilli in Climate Resilient Agriculture and Bioprospecting</i> , 2022, , 561-580.	0.6	15
6	Plant-Derived Protectants in Combating Soil-Borne Fungal Infections in Tomato and Chilli. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 213.	1.5	15
7	Delving through Quorum Sensing and CRISPRi Strategies for Enhanced Surfactin Production. , 2022, , 59-79.		2
8	Nuts as a Part of Dietary Strategy to Improve Metabolic Biomarkers: A Narrative Review. <i>Frontiers in Nutrition</i> , 2022, 9, 881843.	1.6	6
9	Improvement of Plant Responses by Nanobiofertilizer: A Step towards Sustainable Agriculture. <i>Nanomaterials</i> , 2022, 12, 965.	1.9	51
10	Prevalence of mycorrhizae in host plants and rhizosphere soil: A biodiversity aspect. <i>PLoS ONE</i> , 2022, 17, e0266403.	1.1	15
11	Biosurfactant producing multifarious <i>Streptomyces puniceus</i> RHPR9 of <i>Coscinium fenestratum</i> rhizosphere promotes plant growth in chilli. <i>PLoS ONE</i> , 2022, 17, e0264975.	1.1	7
12	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.	1.1	3
13	Biofilm production: A strategic mechanism for survival of microbes under stress conditions. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102337.	1.5	14
14	Advances in Biochar and PGPR engineering system for hydrocarbon degradation: A promising strategy for environmental remediation. <i>Environmental Pollution</i> , 2022, 305, 119282.	3.7	18
15	Seed-Borne Probiotic Yeasts Foster Plant Growth and Elicit Health Protection in Black Gram (<i>Vigna</i>) Tj ETQq1 1 0.784314 rgBT ₁₁ /Overlock	1.6	11
16	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.	1.6	5
17	Genome-wide exploration of sugar transporter (sweet) family proteins in Fabaceae for Sustainable protein and carbon source. <i>PLoS ONE</i> , 2022, 17, e0268154.	1.1	1
18	Induction of Systemic Resistance in Maize and Antibiofilm Activity of Surfactin From <i>Bacillus velezensis</i> MS20. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	22

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19	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.	1.6	4
20	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.	1.5	15
21	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.	1.4	5
22	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.	1.6	6
23	Advances in Nematode Identification: A Journey from Fundamentals to Evolutionary Aspects. <i>Diversity</i> , 2022, 14, 536.	0.7	12
24	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.	1.6	11
25	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.	1.3	36
26	In-Silico Investigation of Effects of Single-Nucleotide Polymorphisms in PCOS-Associated CYP11A1 Gene on Mutated Proteins. <i>Genes</i> , 2022, 13, 1231.	1.0	2
27	Effects of ϵ -brassinolide on plant growth, antioxidants defense system, and endogenous hormones in two wheat varieties under drought stress. <i>Physiologia Plantarum</i> , 2021, 172, 696-706.	2.6	89
28	Biopriming and Nanopriming: Green Revolution Wings to Increase Plant Yield, Growth, and Development Under Stress Condition and Forward Dimensions. , 2021, , 623-655.		11
29	Plant Growth Promoting Rhizobacteria (PGPR) as Green Bioinoculants: Recent Developments, Constraints, and Prospects. <i>Sustainability</i> , 2021, 13, 1140.	1.6	410
30	Biomolecular Painstaking Utilization and Assimilation of Phosphorus Under Indigent Stage in Agricultural Crops. , 2021, , 565-588.		9
31	Production of Plant Beneficial and Antioxidants Metabolites by <i>Klebsiellavariicola</i> under Salinity Stress. <i>Molecules</i> , 2021, 26, 1894.	1.7	74
32	Silver nanoparticles from insect wing extract: Biosynthesis and evaluation for antioxidant and antimicrobial potential. <i>PLoS ONE</i> , 2021, 16, e0241729.	1.1	18
33	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.	1.7	52
34	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.	0.2	0
35	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, .	0.2	4
36	Beneficial microbiomes for bioremediation of diverse contaminated environments for environmental sustainability: present status and future challenges. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24917-24939.	2.7	134

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37	Bacterial Plant Biostimulants: A Sustainable Way towards Improving Growth, Productivity, and Health of Crops. <i>Sustainability</i> , 2021, 13, 2856.	1.6	122
38	Effects of the Combinations of Rhizobacteria, Mycorrhizae, and Seaweed, and Supplementary Irrigation on Growth and Yield in Wheat Cultivars. <i>Plants</i> , 2021, 10, 811.	1.6	28
39	Production of Biodegradable Polymer from Agro-Wastes in <i>Alcaligenes</i> sp. and <i>Pseudomonas</i> sp.. <i>Molecules</i> , 2021, 26, 2443.	1.7	14
40	Pythium Damping-Off and Root Rot of <i>Capsicum annuum</i> L.: Impacts, Diagnosis, and Management. <i>Microorganisms</i> , 2021, 9, 823.	1.6	29
41	Connecting Bio-Priming Approach with Integrated Nutrient Management for Improved Nutrient Use Efficiency in Crop Species. <i>Agriculture (Switzerland)</i> , 2021, 11, 372.	1.4	28
42	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.	1.7	8
43	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.	1.6	7
44	Nanoparticles combined with cefixime as an effective synergistic strategy against <i>Salmonella enterica</i> typhi. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4164-4172.	1.8	11
45	Combined bio-chemical fertilizers ameliorate agro-biochemical attributes of black cumin (<i>Nigella</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.6 16	1.6	16
46	Inoculation of <i>Klebsiella variicola</i> Alleviated Salt Stress and Improved Growth and Nutrients in Wheat and Maize. <i>Agronomy</i> , 2021, 11, 927.	1.3	56
47	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. <i>Sustainability</i> , 2021, 13, 5394.	1.6	78
48	Analysis of Nutritional Quality Attributes and Their Inter-Relationship in Maize Inbred Lines for Sustainable Livelihood. <i>Sustainability</i> , 2021, 13, 6137.	1.6	9
49	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.	1.3	19
50	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.	1.8	6
51	Insights into the Interactions among Roots, Rhizosphere, and Rhizobacteria for Improving Plant Growth and Tolerance to Abiotic Stresses: A Review. <i>Cells</i> , 2021, 10, 1551.	1.8	112
52	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.	1.6	48
53	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.	1.8	54
54	<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.	1.6	6

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55	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. <i>Sustainability</i> , 2021, 13, 7479.	1.6	29
56	An Insight into Probiotics Bio-Route: Translocation from the Mother's Gut to the Mammary Gland. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7247.	1.3	13
57	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.	1.6	43
58	Antifungal Activity of the Extract of a Macroalgae, <i>Gracilariopsis persica</i> , against Four Plant Pathogenic Fungi. <i>Plants</i> , 2021, 10, 1781.	1.6	24
59	Mineral Fertilizers Improves the Quality of Turmeric and Soil. <i>Sustainability</i> , 2021, 13, 9437.	1.6	17
60	Psychrotolerant <i>Mesorhizobium</i> sp. Isolated from Temperate and Cold Desert Regions Solubilizes Potassium and Produces Multiple Plant Growth Promoting Metabolites. <i>Molecules</i> , 2021, 26, 5758.	1.7	22
61	Impact of mineral fertilizers on mineral nutrients in the ginger rhizome and on soil enzymes activities and soil properties. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5268-5274.	1.8	25
62	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.	1.2	11
63	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.	1.8	6
64	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.	1.2	6
65	Co-Inoculation of <i>Bacillus</i> spp. for Growth Promotion and Iron Fortification in Sorghum. <i>Sustainability</i> , 2021, 13, 12091.	1.6	33
66	The Effect of Foliar Application of Magnetic Water and Nano-Fertilizers on Phytochemical and Yield Characteristics of Fennel. <i>Horticulturae</i> , 2021, 7, 475.	1.2	13
67	Co-inoculation of rhizobacteria promotes growth, yield, and nutrient contents in soybean and improves soil enzymes and nutrients under drought conditions. <i>Scientific Reports</i> , 2021, 11, 22081.	1.6	58
68	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.	1.6	22
69	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.	1.6	19
70	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.	1.2	36
71	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.	1.1	16
72	Production, purification and evaluation of biodegradation potential of PHB depolymerase of <i>Stenotrophomonas</i> sp. RZS7. <i>PLoS ONE</i> , 2020, 15, e0220095.	1.1	15

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73	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.	1.4	4
74	ACC deaminase and antioxidant enzymes producing halophilic <i>Enterobacter</i> sp. PR14 promotes the growth of rice and millets under salinity stress. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 1847-1854.	1.4	110
75	Co-Inoculation of Rhizobacteria and Biochar Application Improves Growth and Nutrients in Soybean and Enriches Soil Nutrients and Enzymes. <i>Agronomy</i> , 2020, 10, 1142.	1.3	70
76	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. <i>Sustainability</i> , 2020, 12, 8276.	1.6	24
77	Utilization of industrial waste for the sustainable production of bacterial cellulose. <i>Environmental Sustainability</i> , 2020, 3, 427-435.	1.4	4
78	Recent Understanding of Soil Acidobacteria and Their Ecological Significance: A Critical Review. <i>Frontiers in Microbiology</i> , 2020, 11, 580024.	1.5	314
79	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.	1.4	12
80	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.	2.3	11
81	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.	1.6	33
82	Exopolysaccharides Producing Bacteria for the Amelioration of Drought Stress in Wheat. <i>Sustainability</i> , 2020, 12, 8876.	1.6	110
83	Tree bark scrape fungus: A potential source of laccase for application in bioremediation of non-textile dyes. <i>PLoS ONE</i> , 2020, 15, e0229968.	1.1	15
84	Nanoparticles: A New Threat to Crop Plants and Soil Rhizobia?. <i>Sustainable Agriculture Reviews</i> , 2020, , 201-214.	0.6	10
85	Production of alkaline protease by rhizospheric <i>Bacillus cereus</i> HP_RZ17 and <i>Paenibacillus xylanilyticus</i> HP_RZ19. <i>Environmental Sustainability</i> , 2020, 3, 5-13.	1.4	32
86	Trichoderma: Biocontrol Agents for Promoting Plant Growth and Soil Health. <i>Fungal Biology</i> , 2020, , 239-259.	0.3	14
87	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.	0.2	4
88	Isolation and characterization of endophytic bacteria from ginger (<i>Zingiber officinale</i> Rosc.). <i>Annals of Phytomedicine an International Journal</i> , 2020, 9, .	0.0	34
89	Title is missing!. , 2020, 15, e0220095.		0
90	Title is missing!. , 2020, 15, e0220095.		0

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91	Title is missing!. , 2020, 15, e0220095.		0
92	Title is missing!. , 2020, 15, e0220095.		0
93	Title is missing!. , 2020, 15, e0220095.		0
94	Title is missing!. , 2020, 15, e0220095.		0
95	Title is missing!. , 2020, 15, e0229968.		0
96	Title is missing!. , 2020, 15, e0229968.		0
97	Title is missing!. , 2020, 15, e0229968.		0
98	Title is missing!. , 2020, 15, e0229968.		0
99	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.	1.4	49
100	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.	1.1	16
101	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
102	Plausible Role of Plant Growth-Promoting Rhizobacteria in Future Climatic Scenario. , 2019, , 175-197.		13
103	Psychrotrophic Microbes: Biodiversity, Mechanisms of Adaptation, and Biotechnological Implications in Alleviation of Cold Stress in Plants. <i>Microorganisms for Sustainability</i> , 2019, , 219-253.	0.4	26
104	Drought-Tolerant Phosphorus-Solubilizing Microbes: Biodiversity and Biotechnological Applications for Alleviation of Drought Stress in Plants. <i>Microorganisms for Sustainability</i> , 2019, , 255-308.	0.4	76
105	Rhizobacteria: Legendary Soil Guards in Abiotic Stress Management. <i>Microorganisms for Sustainability</i> , 2019, , 327-343.	0.4	4
106	Plant Growth-Promoting Rhizobacteria and Salinity Stress: A Journey into the Soil. <i>Microorganisms for Sustainability</i> , 2019, , 21-34.	0.4	23
107	Biosynthesis of Antibiotics by PGPR and Their Roles in Biocontrol of Plant Diseases. <i>Microorganisms for Sustainability</i> , 2019, , 1-35.	0.4	23
108	Plant Growth-Promoting Rhizobacteria: An Overview in Agricultural Perspectives. <i>Microorganisms for Sustainability</i> , 2019, , 345-361.	0.4	19

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109	Plant Small RNAs: Big Players in Biotic Stress Responses. <i>Microorganisms for Sustainability</i> , 2019, , 217-239.	0.4	2
110	Interaction of Rhizobacteria with Soil Microorganisms: An Agro-Beneficiary Aspect. <i>Microorganisms for Sustainability</i> , 2019, , 241-259.	0.4	1
111	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.	0.4	19
112	Botanical insecticides effectively control chickpea weevil, <i>Callosobruchus maculatus</i> . <i>Environmental Sustainability</i> , 2018, 1, 295-301.	1.4	5
113	Plant growth promoting potential of <i>Aspergillus</i> sp. NPF7, isolated from wheat rhizosphere in South Gujarat, India. <i>Environmental Sustainability</i> , 2018, 1, 245-252.	1.4	28
114	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.	1.4	15
115	Phytochemicals with Anticancer Potential: Methods of Extraction, Basic Structure, and Chemotherapeutic Action. , 2018, , 431-453.		0
116	Modified chrome azurol S method for detection and estimation of siderophores having affinity for metal ions other than iron. <i>Environmental Sustainability</i> , 2018, 1, 81-87.	1.4	69
117	Role of Hydrolytic Enzymes of Rhizoflora in Biocontrol of Fungal Phytopathogens: An Overview. , 2017, , 183-203.		74
118	<i>Stenotrophomonas</i> sp. RZS 7, a novel PHB degrader isolated from plastic contaminated soil in Shahada, Maharashtra, Western India. <i>3 Biotech</i> , 2016, 6, 179.	1.1	14
119	Detection of antimicrobial traits in fluorescent pseudomonads and molecular characterization of an antibiotic pyoluteorin. <i>3 Biotech</i> , 2016, 6, 227.	1.1	27
120	Bacterial Determinants and Plant Defense Induction: Their Role as Biocontrol Agents in Sustainable Agriculture. , 2016, , 187-204.		7
121	Plant Growth-Promoting Rhizobacteria: An Eco-friendly Approach for Sustainable Agroecosystem. , 2016, , 181-201.		25
122	Statistical-based optimization and scale-up of siderophore production process on laboratory bioreactor. <i>3 Biotech</i> , 2016, 6, 69.	1.1	37
123	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.	0.5	14
124	<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.	0.5	5
125	Role of Plant Growth-Promoting Rhizobacteria and Their Formulation in Biocontrol of Plant Diseases. , 2015, , 337-351.		56
126	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.	0.5	13

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127	Production of biocontrol traits by banana field fluorescent <i>Pseudomonads</i> and comparison with chemical fungicide. <i>Indian Journal of Experimental Biology</i> , 2014, 52, 917-20.	0.5	15
128	Development of eco-friendly bioplastic like PHB by distillery effluent microorganisms. <i>Environmental Science and Pollution Research</i> , 2013, 20, 488-497.	2.7	15
129	Siderophore Producing PGPR for Crop Nutrition and Phytopathogen Suppression. , 2013, , 449-471.		56
130	Phosphate solubilizing microbes: sustainable approach for managing phosphorus deficiency in agricultural soils. <i>SpringerPlus</i> , 2013, 2, 587.	1.2	1,291
131	Potential of Plant Growth-Promoting Rhizobacteria for Sustainable Agriculture. , 2012, , 287-313.		10
132	Production of Exo-polysaccharide by <i>Rhizobium</i> sp.. <i>Indian Journal of Microbiology</i> , 2011, 51, 294-300.	1.5	21
133	Chemical Characterization, Crossfeeding and Uptake Studies on Hydroxamate Siderophore of <i>Alcaligenes faecalis</i> . <i>Indian Journal of Microbiology</i> , 2011, 51, 176-181.	1.5	8
134	Biocontrol Potential of Siderophore Producing Heavy Metal Resistant <i>Alcaligenes</i> sp. and <i>Pseudomonas aeruginosa</i> RZS3 vis-À-vis Organophosphorus Fungicide. <i>Indian Journal of Microbiology</i> , 2011, 51, 266-272.	1.5	75
135	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.	1.4	7
136	Growth and siderophores production in <i>Alcaligenes faecalis</i> is regulated by metal ions. <i>Indian Journal of Microbiology</i> , 2010, 50, 179-182.	1.5	33
137	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.	0.5	4
138	Hypochlorite digestion method for efficient recovery of PHB from <i>Alcaligenes faecalis</i> . <i>Indian Journal of Microbiology</i> , 2009, 49, 230-232.	1.5	23
139	Siderophore-Producing <i>Alcaligenes faecalis</i> Exhibited More Biocontrol Potential Vis-À-Vis Chemical Fungicide. <i>Current Microbiology</i> , 2009, 58, 47-51.	1.0	65
140	Purification of siderophores of <i>Alcaligenes faecalis</i> on Amberlite XAD. <i>Bioresource Technology</i> , 2006, 97, 1026-1029.	4.8	36
141	Halotolerant Plant Growth-Promoting Rhizobacteria Isolated From Saline Soil Improve Nitrogen Fixation and Alleviate Salt Stress in Rice Plants. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	26
142	Fungal Endophytes to Combat Biotic and Abiotic Stresses for Climate-Smart and Sustainable Agriculture. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	39
143	Evaluation of Plant Growth-Promoting and Salinity Ameliorating Potential of Halophilic Bacteria Isolated From Saline Soil. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	24