

Ajar Nath Yadav

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

7,960
citations

57719

44
h-index

76872

74
g-index

203
all docs

203
docs citations

203
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	Food waste: a potential bioresource for extraction of nutraceuticals and bioactive compounds. <i>Bioresources and Bioprocessing</i> , 2017, 4, .	2.0	289
2	Microbial biofertilizers: Bioresources and eco-friendly technologies for agricultural and environmental sustainability. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 23, 101487.	1.5	277
3	Assessment of genetic diversity and plant growth promoting attributes of psychrotolerant bacteria allied with wheat (<i>Triticum aestivum</i>) from the northern hills zone of India. <i>Annals of Microbiology</i> , 2015, 65, 1885-1899.	1.1	245
4	Molecular diversity and multifarious plant growth promoting attributes of Bacilli associated with wheat (<i>Triticum aestivum</i> L.) rhizosphere from six diverse agro-ecological zones of India. <i>Journal of Basic Microbiology</i> , 2016, 56, 44-58.	1.8	229
5	Prospecting cold deserts of north western Himalayas for microbial diversity and plant growth promoting attributes. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 683-693.	1.1	179
6	Endophytic microbes: biodiversity, plant growth-promoting mechanisms and potential applications for agricultural sustainability. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1075-1107.	0.7	166
7	Haloarchaea Endowed with Phosphorus Solubilization Attribute Implicated in Phosphorus Cycle. <i>Scientific Reports</i> , 2015, 5, 12293.	1.6	138
8	Endophytic Microbes in Crops: Diversity and Beneficial Impact for Sustainable Agriculture. , 2016, , 117-143.		136
9	Appraisal of diversity and functional attributes of thermotolerant wheat associated bacteria from the peninsular zone of India. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1882-1895.	1.8	134
10	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
11	Cold active hydrolytic enzymes production by psychrotrophic Bacilli isolated from three subglacial lakes of NW Indian Himalayas. <i>Journal of Basic Microbiology</i> , 2016, 56, 294-307.	1.8	133
12	Culturable diversity and functional annotation of psychrotrophic bacteria from cold desert of Leh Ladakh (India). <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 95-108.	1.7	132
13	Epiphytic pink-pigmented methylotrophic bacteria enhance germination and seedling growth of wheat (<i>Triticum aestivum</i>) by producing phytohormone. <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 777-786.	0.7	131
14	Diversity and phylogenetic profiling of niche-specific Bacilli from extreme environments of India. <i>Annals of Microbiology</i> , 2015, 65, 611-629.	1.1	129
15	Agriculturally and Industrially Important Fungi: Current Developments and Potential Biotechnological Applications. <i>Fungal Biology</i> , 2019, , 1-64.	0.3	126
16	Evaluating the influence of novel cyanobacterial biofilmed biofertilizers on soil fertility and plant nutrition in wheat. <i>European Journal of Soil Biology</i> , 2013, 55, 107-116.	1.4	125
17	Biodiversity of Endophytic Fungi from Diverse Niches and Their Biotechnological Applications. <i>Fungal Biology</i> , 2019, , 105-144.	0.3	125
18	Amelioration of drought stress in Foxtail millet (<i>Setaria italica</i> L.) by P-solubilizing drought-tolerant microbes with multifarious plant growth promoting attributes. <i>Environmental Sustainability</i> , 2020, 3, 23-34.	1.4	123

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19	Alleviation of Drought Stress and Plant Growth Promotion by <i>Pseudomonas libanensis</i> EU-LWNA-33, a Drought-Adaptive Phosphorus-Solubilizing Bacterium. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 785-795.	0.4	120
20	Microbe-mediated alleviation of drought stress and acquisition of phosphorus in great millet (<i>Sorghum bicolor</i> L.) by drought-adaptive and phosphorus-solubilizing microbes. Biocatalysis and Agricultural Biotechnology, 2020, 23, 101501.	1.5	119
21	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
22	Biodiversity, current developments and potential biotechnological applications of phosphorus-solubilizing and -mobilizing microbes: A review. Pedosphere, 2021, 31, 43-75.	2.1	113
23	Beneficial Plant-Microbes Interactions: Biodiversity of Microbes from Diverse Extreme Environments and Its Impact for Crop Improvement. , 2017, , 543-580.		106
24	Biodiversity of the Genus <i>Penicillium</i> in Different Habitats. , 2018, , 3-18.		105
25	Rhizospheric Microbiomes: Biodiversity, Mechanisms of Plant Growth Promotion, and Biotechnological Applications for Sustainable Agriculture. , 2019, , 19-65.		100
26	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
27	Hot springs of Indian Himalayas: potential sources of microbial diversity and thermostable hydrolytic enzymes. 3 Biotech, 2017, 7, 118.	1.1	94
28	Actinobacteria from Rhizosphere. , 2018, , 13-41.		86
29	Microbial Diversity of Extreme Regions: An Unseen Heritage and Wealth. Indian Journal of Plant Genetic Resources, 2016, 29, 246.	0.1	85
30	Phylogenetic Diversity and Characterization of Novel and Efficient Cellulase Producing Bacterial Isolates from Various Extreme Environments. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1474-1480.	0.6	84
31	Evaluating the efficacy of cyanobacterial formulations and biofilmed inoculants for leguminous crops. Archives of Agronomy and Soil Science, 2014, 60, 349-366.	1.3	82
32	First high quality draft genome sequence of a plant growth promoting and cold active enzyme producing psychrotrophic <i>Arthrobacter agilis</i> strain L77. Standards in Genomic Sciences, 2016, 11, 54.	1.5	78
33	Î²-Propeller phytases: Diversity, catalytic attributes, current developments and potential biotechnological applications. International Journal of Biological Macromolecules, 2017, 98, 595-609.	3.6	77
34	Beneficial fungal communities from different habitats and their roles in plant growth promotion and soil health. Microbial Biosystems Journal, 2020, 5, 21-47.	0.3	77
35	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
36	Fungal secondary metabolites and their biotechnological applications for human health. , 2020, , 147-161.		70

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37	Bioprospecting of plant growth promoting psychrotrophic Bacilli from the cold desert of north western Indian Himalayas. <i>Indian Journal of Experimental Biology</i> , 2016, 54, 142-50.	0.5	70
38	Edible Mushrooms: A Comprehensive Review on Bioactive Compounds with Health Benefits and Processing Aspects. <i>Foods</i> , 2021, 10, 2996.	1.9	69
39	Microbiome in Crops: Diversity, Distribution, and Potential Role in Crop Improvement. , 2018, , 305-332.		67
40	Microbial biopesticides: Current status and advancement for sustainable agriculture and environment. , 2020, , 243-282.		67
41	Biodiversity of pesticides degrading microbial communities and their environmental impact. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 31, 101883.	1.5	66
42	Deciphering the diversity of culturable thermotolerant bacteria from Manikaran hot springs. <i>Annals of Microbiology</i> , 2014, 64, 741-751.	1.1	63
43	Plant Microbiomes and Its Beneficial Multifunctional Plant Growth Promoting Attributes. <i>International Journal of Environmental Sciences & Natural Resources</i> , 2017, 3, .	0.3	63
44	Seasonal variations in culturable archaea and their plant growth promoting attributes to predict their role in establishment of vegetation in Rann of Kutch. <i>Biologia (Poland)</i> , 2019, 74, 1031-1043.	0.8	60
45	Extreme Cold Environments: A Suitable Niche for Selection of Novel Psychrotrophic Microbes for Biotechnological Applications. <i>Advances in Biotechnology & Microbiology (Newbury, Calif)</i> , 2017, 2, .	0.1	59
46	Trichoderma: Biodiversity, Ecological Significances, and Industrial Applications. <i>Fungal Biology</i> , 2019, , 85-120.	0.3	58
47	Tiny microbes, big yields: Microorganisms for enhancing food crop production for sustainable development. , 2020, , 1-15.		58
48	Contribution of microbial phytases to the improvement of plant growth and nutrition: A review. <i>Pedosphere</i> , 2020, 30, 295-313.	2.1	58
49	Biodiversity, and biotechnological contribution of beneficial soil microbiomes for nutrient cycling, plant growth improvement and nutrient uptake. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 33, 102009.	1.5	57
50	Biodiversity of psychrotrophic microbes and their biotechnological applications. <i>Journal of Applied Biology & Biotechnology</i> , 2019, 7, 99-108.	1.4	57
51	Myco-remediation: A mechanistic understanding of contaminants alleviation from natural environment and future prospect. <i>Chemosphere</i> , 2021, 284, 131325.	4.2	54
52	Microbe-mediated biofortification for micronutrients: Present status and future challenges. , 2020, , 1-17.		51
53	Fungal Phytoremediation of Heavy Metal-Contaminated Resources: Current Scenario and Future Prospects. <i>Fungal Biology</i> , 2019, , 437-461.	0.3	50
54	Potassium-Solubilizing Microbes: Diversity, Distribution, and Role in Plant Growth Promotion. <i>Microorganisms for Sustainability</i> , 2017, , 125-149.	0.4	49

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55	Technologies for Biofuel Production: Current Development, Challenges, and Future Prospects. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 1-50.	0.1	48
56	Role and potential applications of plant growth-promoting rhizobacteria for sustainable agriculture. , 2020, , 49-60.		47
57	Molecular Approaches for Combating Multiple Abiotic Stresses in Crops of Arid and Semi-arid Region. <i>Energy, Environment, and Sustainability</i> , 2019, , 149-170.	0.6	47
58	Metabolic Engineering to Synthetic Biology of Secondary Metabolites Production. , 2019, , 279-320.		46
59	Endophytic Fungi: Biodiversity, Ecological Significance, and Potential Industrial Applications. <i>Fungal Biology</i> , 2019, , 1-62.	0.3	46
60	Psychrotrophic Microbiomes: Molecular Diversity and Beneficial Role in Plant Growth Promotion and Soil Health. <i>Microorganisms for Sustainability</i> , 2018, , 197-240.	0.4	44
61	Endophytic microbes in nanotechnology: Current development, and potential biotechnology applications. , 2020, , 231-262.		44
62	Current Trends in Microbial Biotechnology for Agricultural Sustainability: Conclusion and Future Challenges. <i>Environmental and Microbial Biotechnology</i> , 2021, , 555-572.	0.4	44
63	Spatial distribution and identification of bacteria in stressed environments capable to weather potassium aluminosilicate mineral. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 751-764.	0.8	42
64	Prospects of Renewable Bioprocessing in Future Energy Systems. <i>Biofuel and Biorefinery Technologies</i> , 2019, , .	0.1	39
65	Microbial Consortium with Multifunctional Plant Growth-Promoting Attributes: Future Perspective in Agriculture. <i>Microorganisms for Sustainability</i> , 2020, , 219-258.	0.4	38
66	Development of Hydrogel Based Bio-Inoculant Formulations and their Impact on Plant Biometric Parameters of Wheat (<i>Triticum aestivum</i> L.). <i>International Journal of Current Microbiology and Applied Sciences</i> , 2016, 5, 890-901.	0.0	38
67	Draft Genome Sequence of <i>Halolamina pelagica</i> CDK2 Isolated from Natural Salterns from Rann of Kutch, Gujarat, India. <i>Genome Announcements</i> , 2017, 5, .	0.8	37
68	Soil Microbiomes for Healthy Nutrient Recycling. <i>Environmental and Microbial Biotechnology</i> , 2021, , 1-21.	0.4	35
69	Plant growth promoting soil microbiomes and their potential implications for agricultural and environmental sustainability. <i>Biologia (Poland)</i> , 2021, 76, 2687-2709.	0.8	34
70	Production and characterization of a neutral phytase of <i>Penicillium oxalicum</i> EUFR-3 isolated from Himalayan region. <i>Nusantara Bioscience</i> , 2017, 9, 68-76.	0.2	34
71	Beneficial plant-microbe interactions for agricultural sustainability. <i>Journal of Applied Biology & Biotechnology</i> , 0, , .	1.4	33
72	Current Trends in Microbial Biotechnology for Sustainable Agriculture. <i>Environmental and Microbial Biotechnology</i> , 2021, , .	0.4	33

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73	Diversity, Plant Growth Promoting Attributes, and Agricultural Applications of Rhizospheric Microbes. <i>Sustainable Development and Biodiversity</i> , 2020, , 1-52.	1.4	33
74	Phytohormones Producing Fungal Communities: Metabolic Engineering for Abiotic Stress Tolerance in Crops. <i>Fungal Biology</i> , 2020, , 171-197.	0.3	33
75	Genetic Manipulation of Secondary Metabolites Producers. , 2019, , 13-29.		31
76	Bacterial Mitigation of Drought Stress in Plants: Current Perspectives and Future Challenges. <i>Current Microbiology</i> , 2022, 79, .	1.0	30
77	Biotechnological applications of beneficial microbiomes for evergreen agriculture and human health. , 2020, , 255-279.		29
78	Bioengineering of Secondary Metabolites. , 2019, , 55-68.		28
79	Plant Microbiomes for Sustainable Agriculture: Current Research and Future Challenges. <i>Sustainable Development and Biodiversity</i> , 2020, , 475-482.	1.4	28
80	Plant Growth Promoting Bacteria: Biodiversity and Multifunctional Attributes for Sustainable Agriculture. <i>Advances in Biotechnology & Microbiology (Newbury, Calif)</i> , 2017, 5, .	0.1	28
81	Study on the activity and diversity of bacteria in a New Gangetic alluvial soil (Eutrocept) under rice-wheatjute cropping system. <i>Journal of Environmental Biology</i> , 2018, 39, 379-386.	0.2	28
82	Mechanistic understanding of the root microbiome interaction for sustainable agriculture in polluted soils. , 2020, , 61-84.		26
83	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
84	Potential Strategies for Control of Agricultural Occupational Health Hazards. <i>Environmental and Microbial Biotechnology</i> , 2021, , 387-402.	0.4	26
85	Agriculturally important microbial biofilms: Biodiversity, ecological significances, and biotechnological applications. , 2020, , 221-265.		25
86	Endophytic fungi from medicinal plants: biodiversity and biotechnological applications. , 2020, , 273-305.		25
87	Beneficial microbiomes: Biodiversity and potential biotechnological applications for sustainable agriculture and human health. <i>Journal of Applied Biology & Biotechnology</i> , 0, , .	1.4	25
88	Microbial consortium with nitrogen fixing and mineral solubilizing attributes for growth of barley (<i>Hordeum vulgare</i> L.). <i>Heliyon</i> , 2022, 8, e09326.	1.4	25
89	Fungal White Biotechnology: Conclusion and Future Prospects. <i>Fungal Biology</i> , 2019, , 491-498.	0.3	24
90	Genetic Diversity of Methylophilic Yeast and Their Impact on Environments. <i>Fungal Biology</i> , 2019, , 53-71.	0.3	24

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91	Minerals solubilizing and mobilizing microbiomes: A sustainable approach for managing mineralsâ€™ deficiency in agricultural soil. Journal of Applied Microbiology, 2022, 133, 1245-1272.	1.4	24
92	Potassium solubilizing and mobilizing microbes: Biodiversity, mechanisms of solubilization, and biotechnological implication for alleviations of abiotic stress. , 2020, , 177-202.		22
93	Microbial biofilms: Functional annotation and potential applications in agriculture and allied sectors. , 2020, , 283-301.		22
94	Beneficial role of extremophilic microbes for plant health and soil fertility. , 2017, 01, .		21
95	Role of Fungi in Climate Change Abatement Through Carbon Sequestration. Fungal Biology, 2019, , 283-295.	0.3	20
96	Microbes in Termite Management: Potential Role and Strategies. , 2018, , 197-217.		19
97	Personalized Nutrition and -Omics. , 2021, , 495-507.		19
98	Drought adaptive microbes as bioinoculants for the horticultural crops. Heliyon, 2022, 8, e09493.	1.4	19
99	Genetic and functional diversity of fluorescent <i>Pseudomonas</i> from rhizospheric soils of wheat crop. Journal of Basic Microbiology, 2014, 54, 425-437.	1.8	18
100	Portraying Fungal Mechanisms in Stress Tolerance: Perspective for Sustainable Agriculture. Fungal Biology, 2021, , 269-291.	0.3	18
101	Saline microbiome: Biodiversity, ecological significance, and potential role in amelioration of salt stress. , 2020, , 283-309.		17
102	Biodiversity and Biotechnological Applications of Extremophilic Microbiomes. , 2021, , 278-290.		17
103	Microbes from Cold Deserts and Their Applications in Mitigation of Cold Stress in Plants. , 2021, , 126-152.		17
104	Phytases from microbes in phosphorus acquisition for plant growth promotion and soil health. , 2020, , 157-176.		17
105	Cold Adapted Microorganisms. , 2021, , 177-191.		16
106	Endophytic fungal communities and their biotechnological implications for agro-environmental sustainability. Folia Microbiologica, 2022, 67, 203-232.	1.1	16
107	Microbial consortium of mineral solubilizing and nitrogen fixing bacteria for plant growth promotion of amaranth (<i>Amaranthus hypochondrius</i> L.). Biocatalysis and Agricultural Biotechnology, 2022, 43, 102404.	1.5	15
108	Characteristics of an Acidic Phytase from <i>Aspergillus aculeatus</i> APF1 for Dephytinization of Biofortified Wheat Genotypes. Applied Biochemistry and Biotechnology, 2020, 191, 679-694.	1.4	14

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109	Biofuels Production " Sustainability and Advances in Microbial Bioresources. <i>Biofuel and Biorefinery Technologies</i> , 2020, , .	0.1	14
110	Myco-Nanotechnology for Sustainable Agriculture: Challenges and Opportunities. <i>Fungal Biology</i> , 2021, , 457-479.	0.3	14
111	Himalayan Microbiomes for Agro-environmental Sustainability: Current Perspectives and Future Challenges. <i>Microbial Ecology</i> , 2022, 84, 643-675.	1.4	14
112	Microwave-assisted synthesis and biological evaluation of pyrazole-carbonitriles as antimicrobial agents. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 2936-2944.	1.4	13
113	Agriculturally Important Fungi for Crop Productivity: Current Research and Future Challenges. <i>Fungal Biology</i> , 2020, , 275-286.	0.3	13
114	Functional Annotation of Agriculturally Important Fungi for Crop Protection: Current Research and Future Challenges. <i>Fungal Biology</i> , 2020, , 347-356.	0.3	13
115	Agriculturally Important Micro biomes: Biodiversity and Multifarious PGP Attributes for Amelioration of Diverse Abiotic Stresses in Crops for Sustainable Agriculture. <i>Biomedical Journal of Scientific & Technical Research</i> , 2017, 1, .	0.0	13
116	Bioprospecting of phosphorus solubilizing bacteria from Renuka Lake Ecosystems, Lesser Himalayas. <i>Journal of Applied Biology & Biotechnology</i> , 2019, 7, 1-6.	1.4	13
117	Soil and phytomicrobiomes for plant growth and soil fertility. <i>Plant Science Today</i> , 2021, 8, 1-5.	0.4	13
118	Gene Manipulation and Regulation of Catabolic Genes for Biodegradation of Biphenyl Compounds. , 2019, , 1-23.		11
119	Microbial biotechnology for sustainable agriculture: Current research and future challenges. , 2020, , 331-344.		11
120	Industrially Important Fungi for Sustainable Development. <i>Fungal Biology</i> , 2021, , .	0.3	11
121	Advances in Plant Microbiome and Sustainable Agriculture. <i>Microorganisms for Sustainability</i> , 2020, , .	0.4	10
122	Biodiversity and biotechnological applications of novel plant growth promoting methylotrophs. <i>Journal of Applied Biotechnology & Bioengineering</i> , 2018, 5, .	0.0	10
123	Plant growth promotion of barley (<i>Hordeum vulgare</i> L.) by potassium solubilizing bacteria with multifarious plant growth promoting attributes. <i>Plant Science Today</i> , 2021, 8, 17-24.	0.4	10
124	Potential applications of mineral solubilizing rhizospheric and nitrogen fixing endophytic bacteria as microbial consortium for the growth promotion of chilli (<i>Capsicum annum</i> L.). , 0, , .		10
125	Endosymbiotic microbes from entomopathogenic nematode (EPNs) and their applications as biocontrol agents for agro-environmental sustainability. <i>Egyptian Journal of Biological Pest Control</i> , 2022, 32, .	0.8	10
126	Probiotics, prebiotics, and synbiotics: Current status and future uses for human health. , 2020, , 173-190.		9

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127	Microbial Biotechnology Approaches to Monuments of Cultural Heritage. , 2020, , .		9
128	Recent Trends in Mycological Research. Fungal Biology, 2021, , .	0.3	9
129	Novel methanotrophic and methanogenic bacterial communities from diverse ecosystems and their impact on environment. Biocatalysis and Agricultural Biotechnology, 2021, 33, 102005.	1.5	9
130	Advances in Microbial Bioresources for Sustainable Biofuels Production: Current Research and Future Challenges. Biofuel and Biorefinery Technologies, 2020, , 371-387.	0.1	9
131	Effect of diverse fermentation treatments on nutritional composition, bioactive components, and anti-nutritional factors of finger millet (<i>Eleusine coracana</i> L.). Journal of Applied Biology & Biotechnology, 0, , 46-52.	1.4	9
132	Soil Microbiomes for Sustainable Agriculture. Sustainable Development and Biodiversity, 2021, , .	1.4	8
133	Integrated Disease Management of Storage Rot of Ginger (<i>Zingiber officinale</i>) caused by <i>Fusarium</i> sp. in Himachal Pradesh, India. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 3580-3592.	0.0	8
134	Regioselective Synthesis of Potent 4,5,6,7-Tetrahydroindazole Derivatives via Microwave-assisted Vilsmeier-Haack Reaction and their Antioxidant Activity Evaluation. Letters in Organic Chemistry, 2019, 16, 194-201.	0.2	8
135	Diversity of fungal isolates associated with early blight disease of tomato from mid Himalayan region of India. Archives of Phytopathology and Plant Protection, 2020, 53, 612-624.	0.6	7
136	One-pot multicomponent synthesis and antimicrobial evaluation of novel tricyclic indenopyrimidine-aminines. Journal of Heterocyclic Chemistry, 2020, 57, 3622-3631.	1.4	7
137	Microbial biotechnology for bio-prospecting of microbial bioactive compounds and secondary metabolites. Journal of Applied Biology & Biotechnology, 0, , .	1.4	7
138	Biodegradation of biphenyl compounds by soil microbiomes. Biodiversity International Journal, 2019, 3, 37-40.	0.6	7
139	Life cycle assessment and techno-economic analysis of algae-derived biodiesel: current challenges and future prospects. , 2022, , 343-372.		7
140	Organic agriculture for agro-environmental sustainability. , 2022, , 699-735.		7
141	Schmidt Reaction on Substituted 1-Indanones / N-Alkylation: Synthesis of Benzofused Six-membered Ring Lactams and their Evaluation as Antimicrobial Agents. Letters in Organic Chemistry, 2018, 15, 606-613.	0.2	6
142	Influence of soaking and germination treatments on the nutritional, anti-nutritional, and bioactive composition of pigeon pea (<i>Cajanus cajan</i> L.). Journal of Applied Biology & Biotechnology, 0, , 127-134.	1.4	6
143	Evaluating the Diversity of Culturable Thermotolerant Bacteria from Four Hot Springs of India. Journal of Biodiversity Bioprospecting and Development, 2014, 01, .	0.4	5
144	Cyanobacteria: A perspective paradigm for agriculture and environment. , 2020, , 215-224.		5

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145	Biotechnological applications of seed microbiomes for sustainable agriculture and environment. , 2020, , 127-143.		5
146	Microbially derived biosensors for diagnosis, monitoring, and epidemiology for future biomedicine systems. , 2020, , 43-65.		5
147	Fungal Enzymes: Degradation and Detoxification of Organic and Inorganic Pollutants. Fungal Biology, 2021, , 99-125.	0.3	5
148	Biodiversity and Ecological Perspective of Industrially Important Fungi An Introduction. Fungal Biology, 2021, , 1-34.	0.3	5
149	Fungal Secondary Metabolites for Bioremediation of Hazardous Heavy Metals. Fungal Biology, 2021, , 65-98.	0.3	5
150	Entomopathogenic Soil Microbes for Sustainable Crop Protection. Sustainable Development and Biodiversity, 2021, , 529-571.	1.4	5
151	Decolorization and degradation of reactive orange 16 by Bacillus stratosphericus SCA1007. Folia Microbiologica, 2022, 67, 91-102.	1.1	5
152	Syntrophic microbial system for ex-situ degradation of paddy straw at low temperature under controlled and natural environment. Journal of Applied Biology & Biotechnology, 0, , .	1.4	5
153	Synergistic effect of entomopathogens against Spodoptera litura (Fabricius) under laboratory and greenhouse conditions. Egyptian Journal of Biological Pest Control, 2022, 32, .	0.8	5
154	Indigenous entomopathogenic nematode as biocontrol agents for insect pest management in hilly regions. Plant Science Today, 2021, 8, 51-59.	0.4	5
155	Bacterial community composition in lakes. , 2019, , 1-71.		4
156	Disruption of Protease Genes in Microbes for Production of Heterologous Proteins. , 2019, , 35-75.		4
157	Fungal Communities for Bioremediation of Contaminated Soil for Sustainable Environments. Fungal Biology, 2021, , 27-42.	0.3	4
158	Bioprospecting of endophytic bacteria from the Indian Himalayas and their role in plant growth promotion of maize (Zea mays L.). Journal of Applied Biology & Biotechnology, 0, , .	1.4	4
159	Biodiversity, phylogenetic profiling, and mechanisms of colonization of seed microbiomes. , 2020, , 99-125.		4
160	Fungal Amylases and Their Industrial Applications. Fungal Biology, 2021, , 407-434.	0.3	4
161	Human Fungal Pathogens: Diversity, Genomics, and Preventions. Fungal Biology, 2021, , 371-394.	0.3	3
162	Phosphate-Solubilizing Fungi: Current Perspective and Future Need for Agricultural Sustainability. Fungal Biology, 2021, , 109-133.	0.3	3

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163	The Omics Strategies for Abiotic Stress Responses and Microbe-Mediated Mitigation in Plants. Sustainable Development and Biodiversity, 2021, , 315-377.	1.4	3
164	Biodiversity and bioprospecting of extremophilic microbiomes for agro-environmental sustainability. Journal of Applied Biology & Biotechnology, 0, , .	1.4	3
165	Bioleaching Approach for Enhancing Sewage Sludge Dewaterability. , 2022, , 51-69.		3
166	Microbes for Agricultural and Environmental Sustainability. Journal of Applied Biology & Biotechnology, 0, , .	1.4	3
167	Phosphate-Solubilizing Microorganisms for Agricultural Sustainability. Journal of Applied Biology & Biotechnology, 0, , 1-6.	1.4	3
168	Current and Future Perspectives on Lipid-Based Biofuels. Biofuel and Biorefinery Technologies, 2019, , 387-429.	0.1	2
169	Biodiversity and Biotechnological Applications of Industrially Important Fungi: Current Research and Future Prospects. Fungal Biology, 2021, , 541-572.	0.3	2
170	Soil Microbes with Multifarious Plant Growth Promoting Attributes for Enhanced Production of Food Crops. Sustainable Development and Biodiversity, 2021, , 55-83.	1.4	2
171	Fungi in Remediation of Hazardous Wastes: Current Status and Future Outlook. Fungal Biology, 2021, , 195-224.	0.3	2
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