

Ajit K Passari

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,422
citations

361045

20
h-index

360668

35
g-index

51
all docs

51
docs citations

51
times ranked

1497
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation, abundance and phylogenetic affiliation of endophytic actinomycetes associated with medicinal plants and screening for their in vitro antimicrobial biosynthetic potential. <i>Frontiers in Microbiology</i> , 2015, 6, 273.	1.5	161
2	In Vitro and In Vivo Plant Growth Promoting Activities and DNA Fingerprinting of Antagonistic Endophytic Actinomycetes Associates with Medicinal Plants. <i>PLoS ONE</i> , 2015, 10, e0139468.	1.1	134
3	Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production. <i>Scientific Reports</i> , 2017, 7, 11809.	1.6	123
4	Detection of biosynthetic gene and phytohormone production by endophytic actinobacteria associated with <i>Solanum lycopersicum</i> and their plant-growth-promoting effect. <i>Research in Microbiology</i> , 2016, 167, 692-705.	1.0	85
5	Phytohormone production endowed with antagonistic potential and plant growth promoting abilities of culturable endophytic bacteria isolated from <i>Clerodendrum colebrookianum</i> Walp.. <i>Microbiological Research</i> , 2016, 193, 57-73.	2.5	84
6	Phytochemical Constituents, Antioxidant, Cytotoxic, and Antimicrobial Activities of the Ethanolic Extract of Mexican Brown Propolis. <i>Antioxidants</i> , 2020, 9, 70.	2.2	78
7	Bioprospection of actinobacteria derived from freshwater sediments for their potential to produce antimicrobial compounds. <i>Microbial Cell Factories</i> , 2018, 17, 68.	1.9	67
8	Determination and production of antimicrobial compounds by <i>Aspergillus clavatonanicus</i> strain MJ31, an endophytic fungus from <i>Mirabilis jalapa</i> L. using UPLC-ESI-MS/MS and TD-GC-MS analysis. <i>PLoS ONE</i> , 2017, 12, e0186234.	1.1	65
9	Evaluation of Phenolic Content Variability along with Antioxidant, Antimicrobial, and Cytotoxic Potential of Selected Traditional Medicinal Plants from India. <i>Frontiers in Plant Science</i> , 2016, 7, 407.	1.7	62
10	Production of Potent Antimicrobial Compounds from <i>Streptomyces cyaneofuscatus</i> Associated with Fresh Water Sediment. <i>Frontiers in Microbiology</i> , 2017, 8, 68.	1.5	46
11	Enhancement of disease resistance, growth potential, and photosynthesis in tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 strain BPSAC147. <i>PLoS ONE</i> , 2019, 14, e0219014.	1.1	44
12	Elevated levels of laccase synthesis by <i>Pleurotus pulmonarius</i> BPSM10 and its potential as a dye decolorizing agent. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 464-468.	1.8	42
13	Detection of antibiotic-resistant bacteria endowed with antimicrobial activity from a freshwater lake and their phylogenetic affiliation. <i>PeerJ</i> , 2016, 4, e2103.	0.9	33
14	Pharmacological potential of <i>Bidens pilosa</i> L. and determination of bioactive compounds using UHPLC-QqLIT-MS/MS and GC/MS. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 492.	3.7	32
15	A Novel Triculture System (CC3) for Simultaneous Enzyme Production and Hydrolysis of Common Grasses through Submerged Fermentation. <i>Frontiers in Microbiology</i> , 2016, 7, 447.	1.5	28
16	Isolation of endophytic fungi from South African plants, and screening for their antimicrobial and extracellular enzymatic activities and presence of type I polyketide synthases. <i>South African Journal of Botany</i> , 2020, 134, 336-342.	1.2	27
17	Distribution and antimicrobial potential of endophytic fungi associated with ethnomedicinal plant <i>Melastoma malabathricum</i> L. <i>Journal of Environmental Biology</i> , 2016, 37, 229-37.	0.2	26
18	Biocontrol of <i>Fusarium</i> wilt of <i>Capsicum annuum</i> by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential. <i>European Journal of Plant Pathology</i> , 2018, 150, 831-846.	0.8	24

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19	Evaluation of gastrointestinal bacterial population for the production of holocellulose enzymes for biomass deconstruction. PLoS ONE, 2017, 12, e0186355.	1.1	22
20	Distribution and Identification of Endophytic <i>Streptomyces</i> Species from <i>Schima wallichii</i> as Potential Biocontrol Agents against Fungal Plant Pathogens. Polish Journal of Microbiology, 2016, 65, 319-329.	0.6	22
21	Draft Genome Sequence of Plant Growth-Promoting Endophytic Microbacterium hydrothermale BPSAC84, Isolated from the Medicinal Plant <i>Mirabilis jalapa</i> . Microbiology Resource Announcements, 2019, 8, .	0.3	17
22	In Vivo Studies of Inoculated Plants and In Vitro Studies Utilizing Methanolic Extracts of Endophytic <i>Streptomyces</i> sp. Strain DBT34 Obtained from <i>Mirabilis jalapa</i> L. Exhibit ROS-Scavenging and Other Bioactive Properties. International Journal of Molecular Sciences, 2020, 21, 7364.	1.8	16
23	Carbon catabolite regulation of secondary metabolite formation, an old but not well-established regulatory system. Microbial Biotechnology, 2022, 15, 1058-1072.	2.0	16
24	Antimicrobial Potential, Identification and Phylogenetic Affiliation of Wild Mushrooms from Two Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. PLoS ONE, 2016, 11, e0166368.	1.1	16
25	Molecular Diversity and Detection of Endophytic Fungi Based on Their Antimicrobial Biosynthetic Genes. Fungal Biology, 2017, , 1-35.	0.3	15
26	Tapping Into Actinobacterial Genomes for Natural Product Discovery. Frontiers in Microbiology, 2021, 12, 655620.	1.5	12
27	In Vitro Antimycotic and Biosynthetic Potential of Fungal Endophytes Associated with <i>Schima Wallichii</i> . Fungal Biology, 2016, , 367-381.	0.3	11
28	Endophytic Fungi: Role in Dye Decolorization. Fungal Biology, 2019, , 1-15.	0.3	8
29	Antimicrobial and Antioxidant Potential of Wild Edible Mushrooms. , 0, , .		7
30	Antimicrobial and antioxidant activities of <i>Blumea lanceolaria</i> (Roxb.). Journal of Medicinal Plants Research, 2015, 9, 84-90.	0.2	6
31	Insights into the role of complement regulatory proteins in HPV mediated cervical carcinogenesis. Seminars in Cancer Biology, 2022, 86, 583-589.	4.3	6
32	Phylogenetic affiliation and determination of bioactive compounds of bacterial population associated with organs of mud crab, <i>Scylla olivacea</i> . Saudi Journal of Biological Sciences, 2018, 25, 1743-1754.	1.8	5
33	Microbiome of Pukzing Cave in India shows high antimicrobial activity against plant and animal pathogens. Genomics, 2021, 113, 4098-4108.	1.3	5
34	Fungal Genomic Resources for Strain Identification and Diversity Analysis of 1900 Fungal Species. Journal of Fungi (Basel, Switzerland), 2021, 7, 288.	1.5	4
35	Characterization of <i>Bacillus thuringiensis</i> Cry1 class proteins in relation to their insecticidal action. Interdisciplinary Sciences, Computational Life Sciences, 2013, 5, 127-135.	2.2	3
36	Freshwater Actinobacteria. , 2018, , 67-77.		3

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37	Exploration of Macrofungi in Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. Fungal Biology, 2018, , 1-13.	0.3	2
38	Methods Used for the Recovery of Culturable Endophytic Actinobacteria. , 2018, , 1-11.		2
39	Draft Genome Sequence of <i>Streptomyces thermocarboxydus</i> BPSAC147, a Potentially Plant Growth-Promoting Endophytic Bacterium. Microbiology Resource Announcements, 2019, 8, .	0.3	2
40	Effect of climate change on microbial diversity and its functional attributes. , 2020, , 315-331.		2
41	Actinobacteria as a potential natural source to produce antibiofilm compounds: An overview. , 2020, , 91-99.		1
42	An Introduction to Mushroom. , 2020, , .		1
43	Molecular Markers Used for Identification and Genomic Profiling of Plant Associated Endophytic Actinobacteria. , 2018, , 43-65.		0
44	Antimicrobial sensitivity profiling of bacterial communities recovered from effluents of municipal solid waste dumping site. 3 Biotech, 2021, 11, 37.	1.1	0
45	Draft Genome Sequence of Freshwater-Derived <i>Streptomyces</i> sp. Strain BPSDS2, Isolated from Damte Stream, Northeast India. Microbiology Resource Announcements, 2019, 8, .	0.3	0
46	Editorial: Actinobacteria: Recent Trends in Genomics, Omics Study and Discovery of Novel Natural Products. Frontiers in Microbiology, 2021, 12, 799737.	1.5	0