

# Ajit K Passari

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

878  
citations

16  
h-index

29  
g-index

51  
ext. papers

1,181  
ext. citations

4  
avg, IF

4.19  
L-index

#	Paper	IF	Citations
42	Microbiome of Pukzing Cave in India shows high antimicrobial activity against plant and animal pathogens. <i>Genomics</i> , <b>2021</b> , 113, 4098-4108	4.3	1
41	Carbon catabolite regulation of secondary metabolite formation, an old but not well-established regulatory system. <i>Microbial Biotechnology</i> , <b>2021</b> ,	6.3	3
40	Tapping Into Actinobacterial Genomes for Natural Product Discovery. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 655620	5.7	1
39	Antimicrobial sensitivity profiling of bacterial communities recovered from effluents of municipal solid waste dumping site. <i>3 Biotech</i> , <b>2021</b> , 11, 37	2.8	
38	Effect of climate change on microbial diversity and its functional attributes <b>2020</b> , 315-331		1
37	Phytochemical Constituents, Antioxidant, Cytotoxic, and Antimicrobial Activities of the Ethanolic Extract of Mexican Brown Propolis. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	31
36	In Vivo Studies of Inoculated Plants and In Vitro Studies Utilizing Methanolic Extracts of Endophytic sp. Strain DBT34 Obtained from L. Exhibit ROS-Scavenging and Other Bioactive Properties. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
35	Antimicrobial and Antioxidant Potential of Wild Edible Mushrooms <b>2020</b> ,		1
34	Actinobacteria as a potential natural source to produce antibiofilm compounds: An overview <b>2020</b> , 91-99		0
33	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> , <b>2020</b> , 134, 336-342	2.9	6
32	Draft Genome Sequence of Plant Growth-Promoting Endophytic BPSAC84, Isolated from the Medicinal Plant. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	5
31	Draft Genome Sequence of <i>Streptomyces thermocarboxydus</i> BPSAC147, a Potentially Plant Growth-Promoting Endophytic Bacterium. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	1
30	Enhancement of disease resistance, growth potential, and photosynthesis in tomato ( <i>Solanum lycopersicum</i> ) by inoculation with an endophytic actinobacterium, <i>Streptomyces thermocarboxydus</i> strain BPSAC147. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219014	3.7	23
29	Endophytic Fungi: Role in Dye Decolorization. <i>Fungal Biology</i> , <b>2019</b> , 1-15	2.3	7
28	Elevated levels of laccase synthesis by BPSM10 and its potential as a dye decolorizing agent. <i>Saudi Journal of Biological Sciences</i> , <b>2019</b> , 26, 464-468	4	23
27	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> , <b>2018</b> , 150, 831-846	2.1	15
26	Bioprospection of actinobacteria derived from freshwater sediments for their potential to produce antimicrobial compounds. <i>Microbial Cell Factories</i> , <b>2018</b> , 17, 68	6.4	30

25	Methods Used for the Recovery of Culturable Endophytic Actinobacteria <b>2018</b> , 1-11		2
24	Molecular Markers Used for Identification and Genomic Profiling of Plant Associated Endophytic Actinobacteria <b>2018</b> , 43-65		
23	Freshwater Actinobacteria <b>2018</b> , 67-77		3
22	Exploration of Macrofungi in Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. <i>Fungal Biology</i> , <b>2018</b> , 1-13	2.3	1
21	Phylogenetic affiliation and determination of bioactive compounds of bacterial population associated with organs of mud crab, <i>Saudi Journal of Biological Sciences</i> , <b>2018</b> , 25, 1743-1754	4	2
20	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> , <b>2017</b> , 12, e0186234	3.7	45
19	Evaluation of gastrointestinal bacterial population for the production of holocellulose enzymes for biomass deconstruction. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186355	3.7	15
18	Pharmacological potential of <i>Bidens pilosa</i> L. and determination of bioactive compounds using UHPLC-QqQ-MS/MS and GC/MS. <i>BMC Complementary and Alternative Medicine</i> , <b>2017</b> , 17, 492	4.7	14
17	Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production. <i>Scientific Reports</i> , <b>2017</b> , 7, 11809	4.9	86
16	Production of Potent Antimicrobial Compounds from Associated with Fresh Water Sediment. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 68	5.7	31
15	Molecular Diversity and Detection of Endophytic Fungi Based on Their Antimicrobial Biosynthetic Genes. <i>Fungal Biology</i> , <b>2017</b> , 1-35	2.3	11
14	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> , <b>2016</b> , 167, 692-705	4	62
13	Antimicrobial Potential, Identification and Phylogenetic Affiliation of Wild Mushrooms from Two Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166368	3.7	12
12	Distribution and Identification of Endophytic <i>Streptomyces</i> Species from <i>Schima wallichii</i> as Potential Biocontrol Agents against Fungal Plant Pathogens. <i>Polish Journal of Microbiology</i> , <b>2016</b> , 65, 319-329	1.8	16
11	Detection of antibiotic-resistant bacteria endowed with antimicrobial activity from a freshwater lake and their phylogenetic affiliation. <i>PeerJ</i> , <b>2016</b> , 4, e2103	3.1	18
10	A Novel Triculture System (CC3) for Simultaneous Enzyme Production and Hydrolysis of Common Grasses through Submerged Fermentation. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 447	5.7	19
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> , <b>2016</b> , 7, 407	6.2	34
8	In Vitro Antimycotic and Biosynthetic Potential of Fungal Endophytes Associated with <i>Schima Wallichii</i> . <i>Fungal Biology</i> , <b>2016</b> , 367-381	2.3	9

7	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> , <b>2016</b> , 193, 57-73	5.3	50
6	Distribution and antimicrobial potential of endophytic fungi associated with ethnomedicinal plant <i>Melastoma malabathricum</i> L. <i>Journal of Environmental Biology</i> , <b>2016</b> , 37, 229-37	1.6	23
5	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> , <b>2015</b> , 6, 273	5.7	129
4	Antimicrobial and antioxidant activities of <i>Blumea lanceolaria</i> (Roxb.). <i>Journal of Medicinal Plants Research</i> , <b>2015</b> , 9, 84-90	0.6	2
3	In Vitro and In Vivo Plant Growth Promoting Activities and DNA Fingerprinting of Antagonistic Endophytic Actinomycetes Associates with Medicinal Plants. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139468	3.7	106
2	Characterization of <i>Bacillus thuringiensis</i> Cry1 class proteins in relation to their insecticidal action. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , <b>2013</b> , 5, 127-35	3.5	2
1	Lamarck, the founder of evolution; his life and work, <b>1901</b> ,		27