

Bhim Pratap Singh

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,155
citations

257450

24
h-index

254184

43
g-index

70
all docs

70
docs citations

70
times ranked

2203
citing authors

#	ARTICLE	IF	CITATIONS
1	Lichens as a repository of bioactive compounds: an open window for green therapy against diverse cancers. <i>Seminars in Cancer Biology</i> , 2022, 86, 1120-1137.	9.6	9
2	Current Developments and Challenges in Plant Viral Diagnostics: A Systematic Review. <i>Viruses</i> , 2021, 13, 412.	3.3	57
3	Fungal Genomic Resources for Strain Identification and Diversity Analysis of 1900 Fungal Species. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 288.	3.5	4
4	Improvements in HOMA indices and pancreatic endocrinal tissues in type 2-diabetic rats by DPP-4 inhibition and antioxidant potential of an ethanol fruit extract of <i>Withania</i> <i>coagulans</i> . <i>Nutrition and Metabolism</i> , 2021, 18, 43.	3.0	8
5	Metagenomic Analysis of Bacterial Diversity in Traditional Fermented Foods Reveals Food-Specific Dominance of Specific Bacterial Taxa. <i>Fermentation</i> , 2021, 7, 167.	3.0	13
6	Antimicrobial sensitivity profiling of bacterial communities recovered from effluents of municipal solid waste dumping site. <i>3 Biotech</i> , 2021, 11, 37.	2.2	0
7	Microbiome of Pukzing Cave in India shows high antimicrobial activity against plant and animal pathogens. <i>Genomics</i> , 2021, 113, 4098-4108.	2.9	5
8	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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7364.	4.1	16
9	Prospects and Applications of Lipopeptide-Producing Bacteria for Plant Protection (Review). <i>Applied Biochemistry and Microbiology</i> , 2020, 56, 15-28.	0.9	24
10	Phytoconstituents of an ethanolic pod extract of <i>Prosopis cineraria</i> triggers the inhibition of HMG-CoA reductase and the regression of atherosclerotic plaque in hypercholesterolemic rabbits. <i>Lipids in Health and Disease</i> , 2020, 19, 6.	3.0	10
11	Actinobacteria as a potential natural source to produce antibiofilm compounds: An overview. , 2020, , 91-99.		1
12	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.	2.5	27
13	Foliar Fungal Diseases in Pulses: Review and Management. <i>Fungal Biology</i> , 2020, , 131-142.	0.6	2
14	Dual Inhibition of DPP-4 and Cholinesterase Enzymes by the Phytoconstituents of the Ethanolic Extract of <i>Prosopis cineraria</i> Pods: Therapeutic Implications for the Treatment of Diabetes-associated Neurological Impairments. <i>Current Alzheimer Research</i> , 2020, 16, 1230-1244.	1.4	7
15	Allelopathic effects of <i>Flemingi asemialata</i> Roxb. on seedling growth of maize (<i>Zeamays</i> L.) and rice (<i>Oryza sativa</i> L.). <i>Allelopathy Journal</i> , 2020, 50, 173-184.	0.5	2
16	Enhancement of disease resistance, growth potential, and photosynthesis in tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 strain BPSAC147. <i>PLoS ONE</i> , 2019, 14, e0219014.	2.5	44
17	Phylogenetic affiliation and antimicrobial effects of endophytic actinobacteria associated with medicinal plants: prevalence of polyketide synthase type II in antimicrobial strains. <i>Folia Microbiologica</i> , 2019, 64, 481-496.	2.3	8
18	Draft Genome Sequence of Plant Growth-Promoting Endophytic Microbacterium hydrothermale BPSAC84, Isolated from the Medicinal Plant <i>Mirabilis jalapa</i> . <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	17

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19	Draft Genome Sequence of <i>Streptomyces thermocarboxydus</i> BPSAC147, a Potentially Plant Growth-Promoting Endophytic Bacterium. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
20	Microorganisms as an Efficient Tool for Cellulase Production: Availability, Diversity, and Efficiency. , 2019, , 45-61.		2
21	Editorial: Microbial Secondary Metabolites: Recent Developments and Technological Challenges. <i>Frontiers in Microbiology</i> , 2019, 10, 914.	3.5	57
22	Biodiversity of Endophytic Fungi from Diverse Niches and Their Biotechnological Applications. <i>Fungal Biology</i> , 2019, , 105-144.	0.6	125
23	Endophytic Fungi: Role in Dye Decolorization. <i>Fungal Biology</i> , 2019, , 1-15.	0.6	8
24	Mechanisms of Plant Tolerance to RNA Viruses Induced by Plant-Growth-Promoting Microorganisms. <i>Plants</i> , 2019, 8, 575.	3.5	16
25	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.	3.8	42
26	Draft Genome Sequence of Freshwater-Derived <i>Streptomyces</i> sp. Strain BPSDS2, Isolated from Damte Stream, Northeast India. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	0
27	Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation. <i>Scientific Reports</i> , 2018, 8, 2485.	3.3	109
28	Use of PCR-denaturing gradient gel electrophoresis for the discrimination of <i>Candida</i> species isolated from natural habitats. <i>Microbial Pathogenesis</i> , 2018, 120, 19-22.	2.9	4
29	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.	1.7	24
30	Exploration of Macrofungi in Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. <i>Fungal Biology</i> , 2018, , 1-13.	0.6	2
31	Phylogenetic affiliation and determination of bioactive compounds of bacterial population associated with organs of mud crab, <i>Scylla olivacea</i> . <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1743-1754.	3.8	5
32	Development of Ultra Performance Liquid Chromatography Tandem Mass Spectrometry Method for Simultaneous Identification and Quantitation of Potential Osteogenic Phytochemicals in <i>Butea monosperma</i> . <i>Journal of Chromatographic Science</i> , 2018, 56, 738-745.	1.4	4
33	Endophytic Fungi—Alternative Sources of Cytotoxic Compounds: A Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 309.	3.5	185
34	Bioprospection of actinobacteria derived from freshwater sediments for their potential to produce antimicrobial compounds. <i>Microbial Cell Factories</i> , 2018, 17, 68.	4.0	67
35	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.	3.3	123
36	Production of Potent Antimicrobial Compounds from <i>Streptomyces cyaneofuscatus</i> Associated with Fresh Water Sediment. <i>Frontiers in Microbiology</i> , 2017, 8, 68.	3.5	46

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37	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.	2.5	65
38	Evaluation of gastrointestinal bacterial population for the production of holocellulose enzymes for biomass deconstruction. <i>PLoS ONE</i> , 2017, 12, e0186355.	2.5	22
39	Pharmacological potential of <i>Bidens pilosa</i> L. and determination of bioactive compounds using UHPLC-QqQLIT-MS/MS and GC/MS. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 492.	3.7	32
40	Molecular Diversity and Detection of Endophytic Fungi Based on Their Antimicrobial Biosynthetic Genes. <i>Fungal Biology</i> , 2017, , 1-35.	0.6	15
41	Real-Time Polymerase Chain Reaction (PCR) Based Identification and Detection of Fungi Belongs to Genus <i>Fusarium</i> . <i>Fungal Biology</i> , 2017, , 65-85.	0.6	1
42	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.	3.5	28
43	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.	3.6	62
44	Rhizospheric Bacterial Community of Endemic <i>Rhododendron arboreum</i> Sm. Ssp. <i>delavayi</i> along Eastern Himalayan Slope in Tawang. <i>Frontiers in Plant Science</i> , 2016, 07, 1345.	3.6	14
45	Structural characterization of monoterpene indole alkaloids in ethanolic extracts of <i>Rauwolfia</i> species by liquid chromatography with quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 363-373.	5.3	41
46	In Vitro Antimycotic and Biosynthetic Potential of Fungal Endophytes Associated with <i>Schima Wallichii</i> . <i>Fungal Biology</i> , 2016, , 367-381.	0.6	11
47	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.	5.3	84
48	Simultaneous Determination of Bioactive Monoterpene Indole Alkaloids in Ethanolic Extract of Seven <i>Rauwolfia</i> Species using UHPLC with Hybrid Triple Quadrupole Linear Ion Trap Mass Spectrometry. <i>Phytochemical Analysis</i> , 2016, 27, 296-303.	2.4	22
49	Quantitative determination of multi markers in five varieties of <i>Withania somnifera</i> using ultra-high performance liquid chromatography with hybrid triple quadrupole linear ion trap mass spectrometer combined with multivariate analysis: Application to pharmaceutical dosage forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 419-426.	2.8	13
50	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.	2.1	85
51	Antimicrobial Potential, Identification and Phylogenetic Affiliation of Wild Mushrooms from Two Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. <i>PLoS ONE</i> , 2016, 11, e0166368.	2.5	16
52	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> , 2016, 65, 319-329.	1.7	22
53	Detection of antibiotic-resistant bacteria endowed with antimicrobial activity from a freshwater lake and their phylogenetic affiliation. <i>PeerJ</i> , 2016, 4, e2103.	2.0	33
54	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.	0.5	26

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55	Antimicrobial and antioxidant activities of <i>Blumea lanceolaria</i> (Roxb.). <i>Journal of Medicinal Plants Research</i> , 2015, 9, 84-90.	0.4	6
56	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.	3.5	161
57	Antimicrobial biosynthetic potential and genetic diversity of endophytic actinomycetes associated with medicinal plants. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv158.	1.8	34
58	Quantification of multianalyte by UPLC-MS/MS and in-vitro anti-proliferative screening in <i>Cassia</i> species. <i>Industrial Crops and Products</i> , 2015, 76, 1133-1141.	5.2	16
59	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.	2.5	134
60	Molecular and functional diversity of PGPR fluorescent <i>Pseudomonads</i> based on 16S rDNA-RFLP and RAPD markers. <i>Journal of Environmental Biology</i> , 2015, 36, 1169-78.	0.5	2
61	Molecular Identification of Microbes: III. <i>Pseudomonas</i> . <i>Springer Protocols</i> , 2013, , 105-112.	0.3	0
62	Characterization of <i>Bacillus thuringiensis</i> Cry1 class proteins in relation to their insecticidal action. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2013, 5, 127-135.	3.6	3
63	<i>Plectosphaerella cucumeria</i> -occurrences as a new root rot pathogen and p-solubiliser in north-eastern India. <i>Archives of Phytopathology and Plant Protection</i> , 2013, 46, 2016-2018.	1.3	3
64	Real-time PCR Assay Based on Topoisomerase-II Gene for Detection of <i>Fusarium udum</i> . <i>Mycopathologia</i> , 2011, 171, 373-381.	3.1	8
65	Influence of mineral amendment on disease suppressive activity of <i>Pseudomonas fluorescens</i> to <i>Fusarium</i> wilt of chickpea. <i>Microbiological Research</i> , 2009, 164, 365-373.	5.3	28
66	Role of Riboflavin in Induced Resistance against <i>Fusarium</i> Wilt and Charcoal Rot Diseases of Chickpea. <i>Plant Pathology Journal</i> , 2006, 22, 339-347.	1.7	27