

# Bhim Pratap Singh

## List of Publications by Year in descending order

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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	Endophytic Fungiâ€™ Alternative Sources of Cytotoxic Compounds: A Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 309.	3.5	185
2	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
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> , 2015, 10, e0139468.	2.5	134
4	Biodiversity of Endophytic Fungi from Diverse Niches and Their Biotechnological Applications. <i>Fungal Biology</i> , 2019, , 105-144.	0.6	125
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Editorial: Microbial Secondary Metabolites: Recent Developments and Technological Challenges. <i>Frontiers in Microbiology</i> , 2019, 10, 914.	3.5	57
13	Current Developments and Challenges in Plant Viral Diagnostics: A Systematic Review. <i>Viruses</i> , 2021, 13, 412.	3.3	57
14	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
15	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.	2.5	44
16	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
17	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
18	Antimicrobial biosynthetic potential and genetic diversity of endophytic actinomycetes associated with medicinal plants. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv158.	1.8	34

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19	Detection of antibiotic-resistant bacteria endowed with antimicrobial activity from a freshwater lake and their phylogenetic affiliation. PeerJ, 2016, 4, e2103.	2.0	33
20	Pharmacological potential of <i>Bidens pilosa</i> L. and determination of bioactive compounds using UHPLC-QqQLIT-MS/MS and GC/MS. BMC Complementary and Alternative Medicine, 2017, 17, 492.	3.7	32
21	Influence of mineral amendment on disease suppressive activity of <i>Pseudomonas fluorescens</i> to Fusarium wilt of chickpea. Microbiological Research, 2009, 164, 365-373.	5.3	28
22	A Novel Triculture System (CC3) for Simultaneous Enzyme Production and Hydrolysis of Common Grasses through Submerged Fermentation. Frontiers in Microbiology, 2016, 7, 447.	3.5	28
23	Isolation of endophytic fungi from South African plants, and screening for their antimicrobial and extracellular enzymatic activities and presence of type I polyketide synthases. South African Journal of Botany, 2020, 134, 336-342.	2.5	27
24	Role of Riboflavin in Induced Resistance against Fusarium Wilt and Charcoal Rot Diseases of Chickpea. Plant Pathology Journal, 2006, 22, 339-347.	1.7	27
25	Distribution and antimicrobial potential of endophytic fungi associated with ethnomedicinal plant <i>Melastoma malabathricum</i> L. Journal of Environmental Biology, 2016, 37, 229-37.	0.5	26
26	Biocontrol of Fusarium wilt of <i>Capsicum annum</i> by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential. European Journal of Plant Pathology, 2018, 150, 831-846.	1.7	24
27	Prospects and Applications of Lipopeptide-Producing Bacteria for Plant Protection (Review). Applied Biochemistry and Microbiology, 2020, 56, 15-28.	0.9	24
28	Simultaneous Determination of Bioactive Monoterpene Indole Alkaloids in Ethanolic Extract of Seven <i>Rauvolfia</i> Species using UHPLC with Hybrid Triple Quadrupole Linear Ion Trap Mass Spectrometry. Phytochemical Analysis, 2016, 27, 296-303.	2.4	22
29	Evaluation of gastrointestinal bacterial population for the production of holocellulose enzymes for biomass deconstruction. PLoS ONE, 2017, 12, e0186355.	2.5	22
30	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.	1.7	22
31	Draft Genome Sequence of Plant Growth-Promoting Endophytic Microbacterium <i>hydrothermale</i> BPSAC84, Isolated from the Medicinal Plant <i>Mirabilis jalapa</i> . Microbiology Resource Announcements, 2019, 8, .	0.6	17
32	Quantification of multianalyte by UPLC-QqQLIT-MS/MS and in-vitro anti-proliferative screening in <i>Cassia</i> species. Industrial Crops and Products, 2015, 76, 1133-1141.	5.2	16
33	Mechanisms of Plant Tolerance to RNA Viruses Induced by Plant-Growth-Promoting Microorganisms. Plants, 2019, 8, 575.	3.5	16
34	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.	4.1	16
35	Antimicrobial Potential, Identification and Phylogenetic Affiliation of Wild Mushrooms from Two Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. PLoS ONE, 2016, 11, e0166368.	2.5	16
36	Molecular Diversity and Detection of Endophytic Fungi Based on Their Antimicrobial Biosynthetic Genes. Fungal Biology, 2017, , 1-35.	0.6	15

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	Endophytic Fungi: Role in Dye Decolorization. <i>Fungal Biology</i> , 2019, , 1-15.	0.6	8
46	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> coagulans. <i>Nutrition and Metabolism</i> , 2021, 18, 43.	3.0	8
47	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
48	Antimicrobial and antioxidant activities of <i>Blumea lanceolaria</i> (Roxb.). <i>Journal of Medicinal Plants Research</i> , 2015, 9, 84-90.	0.4	6
49	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
50	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
51	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
52	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
53	Fungal Genomic Resources for Strain Identification and Diversity Analysis of 1900 Fungal Species. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 288.	3.5	4
54	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

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55	Plectosphaerella cucumeria-occurrences as a new root rot pathogen and p-solubiliser in north-eastern India. Archives of Phytopathology and Plant Protection, 2013, 46, 2016-2018.	1.3	3
56	Exploration of Macrofungi in Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. Fungal Biology, 2018, , 1-13.	0.6	2
57	Draft Genome Sequence of Streptomyces thermocarboxydus BPSAC147, a Potentially Plant Growth-Promoting Endophytic Bacterium. Microbiology Resource Announcements, 2019, 8, .	0.6	2
58	Microorganisms as an Efficient Tool for Cellulase Production: Availability, Diversity, and Efficiency. , 2019, , 45-61.		2
59	Foliar Fungal Diseases in Pulses: Review and Management. Fungal Biology, 2020, , 131-142.	0.6	2
60	Allelopathic effects of Flemingia strobilata Roxb. on seedling growth of maize (Zeamays L.) and rice (Oryza sativa L.). Allelopathy Journal, 2020, 50, 173-184.	0.5	2
61	Molecular and functional diversity of PGPR fluorescent Pseudomonads based on 16S rDNA-RFLP and RAPD markers. Journal of Environmental Biology, 2015, 36, 1169-78.	0.5	2
62	Actinobacteria as a potential natural source to produce antibiofilm compounds: An overview. , 2020, , 91-99.		1
63	Real-Time Polymerase Chain Reaction (PCR) Based Identification and Detection of Fungi Belongs to Genus Fusarium. Fungal Biology, 2017, , 65-85.	0.6	1
64	Molecular Identification of Microbes: III. Pseudomonas. Springer Protocols, 2013, , 105-112.	0.3	0
65	Antimicrobial sensitivity profiling of bacterial communities recovered from effluents of municipal solid waste dumping site. 3 Biotech, 2021, 11, 37.	2.2	0
66	Draft Genome Sequence of Freshwater-Derived <i>Streptomyces</i> sp. Strain BPSDS2, Isolated from Damte Stream, Northeast India. Microbiology Resource Announcements, 2019, 8, .	0.6	0