

Jyoti Vakhlu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

683
citations

687363

13
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	High Throughput Sequencing: An Overview of Sequencing Chemistry. Indian Journal of Microbiology, 2016, 56, 394-404.	2.7	169
2	Yeast lipases: enzyme purification, biochemical properties and gene cloning. Electronic Journal of Biotechnology, 2006, 9, 69-85.	2.2	162
3	Plant growth promoting bacteria from <i>Crocus sativus</i> rhizosphere. World Journal of Microbiology and Biotechnology, 2013, 29, 2271-2279.	3.6	50
4	Native <i>Bacillus amyloliquefaciens</i> W2 as a potential biocontrol for <i>Fusarium oxysporum</i> R1 causing corm rot of <i>Crocus sativus</i> . European Journal of Plant Pathology, 2015, 143, 123-131.	1.7	34
5	Bacterial diversity of Drass, cold desert in Western Himalaya, and its comparison with Antarctic and Arctic. Archives of Microbiology, 2015, 197, 851-860.	2.2	30
6	Comparative Metagenomics Reveal Phylum Level Temporal and Spatial Changes in Mycobiome of Belowground Parts of <i>Crocus sativus</i> . PLoS ONE, 2016, 11, e0163300.	2.5	26
7	Field evaluation of PGP <i>Bacillus</i> sp. strain D5 native to <i>Crocus sativus</i> , in traditional and non traditional areas, and mining of PGP genes from its genome. Scientific Reports, 2021, 11, 5454.	3.3	24
8	Metagenomics: Future of microbial gene mining. Indian Journal of Microbiology, 2008, 48, 202-215.	2.7	22
9	Identification of bacteria associated with underground parts of <i>Crocus sativus</i> by 16S rRNA gene targeted metagenomic approach. World Journal of Microbiology and Biotechnology, 2014, 30, 2701-2709.	3.6	18
10	Cloning and characterization of thermo-alkalstable and surfactant stable endoglucanase from Puga hot spring metagenome of Ladakh (J&K). International Journal of Biological Macromolecules, 2017, 103, 870-877.	7.5	18
11	Cellulolytic Activity of Thermophilic Bacilli Isolated from Tattapani Hot Spring Sediment in North West Himalayas. Indian Journal of Microbiology, 2016, 56, 228-231.	2.7	17
12	Comparison of Metagenomic DNA Extraction Methods for Soil Sediments of High Elevation Puga Hot Spring in Ladakh, India to Explore Bacterial Diversity. Geomicrobiology Journal, 2017, 34, 289-299.	2.0	17
13	Microbiome Fingerprint as Biomarker for Geographical Origin and Heredity in <i>Crocus sativus</i> : A Feasibility Study. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	17
14	Plant growth promoting bacteria associated with corm of <i>Crocus sativus</i> during three growth stages. Letters in Applied Microbiology, 2018, 67, 458-464.	2.2	14
15	Establishment of <i>Agrobacterium rhizogenes</i> -mediated hairy root transformation of <i>Crocus sativus</i> L.. 3 Biotech, 2021, 11, 82.	2.2	11
16	Phylogenetic diversity and metabolic potential of microbiome of natural healing clay from Chamliyal (J&K). Archives of Microbiology, 2018, 200, 1333-1343.	2.2	9
17	Antimicrobial protein produced by <i>Pseudomonas aeruginosa</i> JU-Ch 1, with a broad spectrum of antimicrobial activity. Biocatalysis and Agricultural Biotechnology, 2014, 3, 332-337.	3.1	8
18	Diversity of Rhizo-Bacteriome of <i>Crocus sativus</i> Grown at Various Geographical Locations and Cataloging of Putative PGPRs. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	7

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19	Metagenomic insights into the fungal assemblages of the northwest Himalayan cold desert. <i>Extremophiles</i> , 2020, 24, 749-758.	2.3	5
20	Isolation of a thioesterase gene from the metagenome of a mountain peak, Apharwat, in the northwestern Himalayas. <i>3 Biotech</i> , 2013, 3, 19-27.	2.2	4
21	Draft Genome Sequence of Plant Growth-Promoting <i>Bacillus amyloliquefaciens</i> Strain W2 Associated with <i>Crocus sativus</i> (Saffron). <i>Genome Announcements</i> , 2014, 2, .	0.8	4
22	Isolation and in silico characterization of novel esterase gene with β -lactamase fold isolated from metagenome of north western Himalayas. <i>3 Biotech</i> , 2015, 5, 553-559.	2.2	4
23	Evolution and Biology of CRISPR System: A New Era Tool for Genome Editing in Plants. <i>Botanical Review</i> , The, 2021, 87, 496-517.	3.9	3
24	Overview of the microbial associations of below ground parts of <i>Crocus sativus</i> . <i>Acta Horticulturae</i> , 2017, , 71-78.	0.2	2
25	Comprehensive account of present techniques for in-field plant disease diagnosis. <i>Archives of Microbiology</i> , 2021, 203, 5309-5320.	2.2	2
26	Dynamics of Plant Microbiome and Its Effect on the Plant Traits. , 2019, , 273-304.		2
27	Draft Genome Sequence of <i>Pseudomonas</i> sp. Strain JMM, a Sediment-Hosted Environmental Isolate. <i>Genome Announcements</i> , 2014, 2, .	0.8	1
28	Callus induction and high frequency organogenesis in saffron (<i>Crocus sativus</i> L.). <i>Applied Biological Research</i> , 2020, 22, 61.	0.2	1