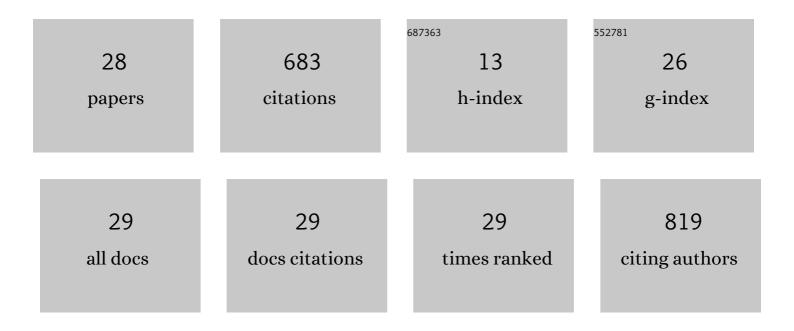
Jyoti Vakhlu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Establishment of Agrobacterium rhizogenes-mediated hairy root transformation of Crocus sativus L 3 Biotech, 2021, 11, 82.	2.2	11
2	Field evaluation of PGP Bacillus sp. strain D5 native to Crocus sativus, in traditional and non traditional areas, and mining of PGP genes from its genome. Scientific Reports, 2021, 11, 5454.	3.3	24
3	Evolution and Biology of CRISPR System: A New Era Tool for Genome Editing in Plants. Botanical Review, The, 2021, 87, 496-517.	3.9	3
4	Microbiome Fingerprint as Biomarker for Geographical Origin and Heredity in Crocus sativus: A Feasibility Study. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	17
5	Comprehensive account of present techniques for in-field plant disease diagnosis. Archives of Microbiology, 2021, 203, 5309-5320.	2.2	2
6	Diversity of Rhizo-Bacteriome of Crocus sativus Grown at Various Geographical Locations and Cataloging of Putative PGPRs. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	7
7	Metagenomic insights into the fungal assemblages of the northwest Himalayan cold desert. Extremophiles, 2020, 24, 749-758.	2.3	5
8	Callus induction and high frequency organogenesis in saffron (<i>Crocus sativus</i> L.). Applied Biological Research, 2020, 22, 61.	0.2	1
9	Dynamics of Plant Microbiome and Its Effect on the Plant Traits. , 2019, , 273-304.		2
10	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
11	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
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	Cloning and characterization of thermo-alkalistable 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
14	Overview of the microbial associations of below ground parts ofCrocus sativus. Acta Horticulturae, 2017, , 71-78.	0.2	2
15	High Throughput Sequencing: An Overview of Sequencing Chemistry. Indian Journal of Microbiology, 2016, 56, 394-404.	2.7	169
16	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
17	Comparative Metagenomics Reveal Phylum Level Temporal and Spatial Changes in Mycobiome of Belowground Parts of Crocus sativus. PLoS ONE, 2016, 11, e0163300.	2.5	26
18	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

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#	Article	IF	CITATIONS
19	Isolation and in silico characterization of novel esterase gene with β-lactamase fold isolated from metagenome of north western Himalayas. 3 Biotech, 2015, 5, 553-559.	2.2	4
20	Native Bacillus amyloliquefaciens W2 as a potential biocontrol for Fusarium oxysporum R1 causing corm rot of Crocus sativus. European Journal of Plant Pathology, 2015, 143, 123-131.	1.7	34
21	Draft Genome Sequence of <i>Pseudomonas</i> sp. Strain JMM, a Sediment-Hosted Environmental Isolate. Genome Announcements, 2014, 2, .	0.8	1
22	Draft Genome Sequence of Plant Growth-Promoting Bacillus amyloliquefaciens Strain W2 Associated with <i>Crocus sativus</i> (Saffron). Genome Announcements, 2014, 2, .	0.8	4
23	Antimicrobial protein produced by pseudomonas aeruginosa JU-Ch 1, with a broad spectrum of antimicrobial activity. Biocatalysis and Agricultural Biotechnology, 2014, 3, 332-337.	3.1	8
24	Identification of bacteria associated with underground parts of Crocus sativus by 16S rRNA gene targeted metagenomic approach. World Journal of Microbiology and Biotechnology, 2014, 30, 2701-2709.	3.6	18
25	Plant growth promoting bacteria from Crocus sativus rhizosphere. World Journal of Microbiology and Biotechnology, 2013, 29, 2271-2279.	3.6	50
26	Isolation of a thioesterase gene from the metagenome of a mountain peak, Apharwat, in the northwestern Himalayas. 3 Biotech, 2013, 3, 19-27.	2.2	4
27	Metagenomics: Future of microbial gene mining. Indian Journal of Microbiology, 2008, 48, 202-215.	2.7	22
28	Yeast lipases: enzyme purification, biochemical properties and gene cloning. Electronic Journal of Biotechnology, 2006, 9, 69-85.	2.2	162