Rajeev Kaushik

List of Publications by Year
in descending order

34	1,415	331670 21	434195 31
papers	citations	h-index	g-index

35	35	35	1263
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Haloarchaea Endowed with Phosphorus Solubilization Attribute Implicated in Phosphorus Cycle. Scientific Reports, 2015, 5, 12293.	3.3	138
2	Cold active hydrolytic enzymes production by psychrotrophic Bacilli isolated from three subâ€glacial lakes of NW Indian Himalayas. Journal of Basic Microbiology, 2016, 56, 294-307.	3.3	133
3	Culturable diversity and functional annotation of psychrotrophic bacteria from cold desert of Leh Ladakh (India). World Journal of Microbiology and Biotechnology, 2015, 31, 95-108.	3.6	132
4	Hot springs of Indian Himalayas: potential sources of microbial diversity and thermostable hydrolytic enzymes. 3 Biotech, 2017, 7, 118.	2.2	94
5	Beneficial role of endophytes in biofortification of Zn in wheat genotypes varying in nutrient use efficiency grown in soils sufficient and deficient in Zn. Plant and Soil, 2017, 416, 107-116.	3.7	91
6	First high quality draft genome sequence of a plant growth promoting and cold active enzyme producing psychrotrophic Arthrobacter agilis strain L77. Standards in Genomic Sciences, 2016, 11, 54.	1.5	78
7	Diversity and phylogeny of plant growthâ€promoting bacilli from moderately acidic soil. Journal of Basic Microbiology, 2011, 51, 98-106.	3.3	77
8	Seasonal variations in culturable archaea and their plant growth promoting attributes to predict their role in establishment of vegetation in Rann of Kutch. Biologia (Poland), 2019, 74, 1031-1043.	1.5	60
9	Deciphering the Mechanisms of Endophyte-Mediated Biofortification of Fe and Zn in Wheat. Journal of Plant Growth Regulation, 2018, 37, 174-182.	5.1	53
10	Deciphering Diversity of Salt-Tolerant Bacilli from Saline Soils of Eastern Indo-gangetic Plains of India. Geomicrobiology Journal, 2015, 32, 170-180.	2.0	51
11	Psychrotrophic Microbiomes: Molecular Diversity and Beneficial Role in Plant Growth Promotion and Soil Health. Microorganisms for Sustainability, 2018, , 197-240.	0.7	44
12	Biological delignification of paddy straw and Parthenium sp. using a novel micromycete Myrothecium roridum LG7 for enhanced saccharification. Bioresource Technology, 2013, 135, 7-11.	9.6	40
13	Draft Genome Sequence of Halolamina pelagica CDK2 Isolated from Natural Salterns from Rann of Kutch, Gujarat, India. Genome Announcements, 2017, 5, .	0.8	37
14	Isolation and characterization of halotolerant bacilli from chickpea (Cicer arietinum L.) rhizosphere for plant growth promotion and biocontrol traits. European Journal of Plant Pathology, 2019, 153, 787-800.	1.7	35
15	Exploration and characterization of agriculturally and industrially important haloalkaliphilic bacteria from environmental samples of hypersaline Sambhar lake, India. World Journal of Microbiology and Biotechnology, 2012, 28, 3207-3217.	3.6	33
16	Cold-active hydrolases producing bacteria from two different sub-glacial Himalayan lakes. Journal of Basic Microbiology, 2013, 53, 703-714.	3.3	32
17	Title is missing!. World Journal of Microbiology and Biotechnology, 2000, 16, 567-570.	3.6	31
18	Prospecting Parthenium sp. pretreated with Trametes hirsuta, as a potential bioethanol feedstock. Biocatalysis and Agricultural Biotechnology, 2013, 2, 152-158.	3.1	31

#	Article	IF	Citations
19	Mitigation of yield-scaled greenhouse gas emissions from irrigated rice through Azolla, Blue-green algae, and plant growthâ€‘promoting bacteria. Environmental Science and Pollution Research, 2021, 28, 51425-51439.	5.3	30
20	Psychrotrophic Microbes: Biodiversity, Mechanisms of Adaptation, and Biotechnological Implications in Alleviation of Cold Stress in Plants. Microorganisms for Sustainability, 2019, , 219-253.	0.7	26
21	Inoculation of plant growth promoting-methane utilizing bacteria in different N-fertilizer regime influences methane emission and crop growth of flooded paddy. Science of the Total Environment, 2021, 775, 145826.	8.0	22
22	Nutritional and Phytochemical Traits of Apricots (Prunus Armeniaca L.) for Application in Nutraceutical and Health Industry. Foods, 2021, 10, 1344.	4.3	20
23	Characterization of halophilic bacteria from environmental samples from the brackish water of Pulicat Lake, India. Biologia (Poland), 2011, 66, 741-747.	1.5	19
24	Genetic and functional diversity of fluorescent Pseudomonas from rhizospheric soils of wheat crop. Journal of Basic Microbiology, 2014, 54, 425-437.	3.3	18
25	Archaea: An Agro-Ecological Perspective. Current Microbiology, 2021, 78, 2510-2521.	2.2	17
26	Genetic and functional diversity of Bacillus strains in the soils long-term irrigated with paper and pulp mill effluent. Journal of General and Applied Microbiology, 2011, 57, 183-195.	0.7	16
27	Genetic and metabolic diversity of streptomycetes in pulp and paper mill effluent treated crop fields. World Journal of Microbiology and Biotechnology, 2011, 27, 1603-1613.	3.6	13
28	Influence of Long Term Irrigation with Pulp and Paper Mill Effluent on the Bacterial Community Structure and Catabolic Function in Soil. Indian Journal of Microbiology, 2014, 54, 65-73.	2.7	13
29	Pan-genome analysis and ancestral state reconstruction of class halobacteria: probability of a new super-order. Scientific Reports, 2020, 10, 21205.	3.3	13
30	Methane utilizing plant growth-promoting microbial diversity analysis of flooded paddy ecosystem of India. World Journal of Microbiology and Biotechnology, 2021, 37, 56.	3.6	11
31	Flooded Paddy Ecosystem Harbors Methanol Oxidizing-Plant Growth Promoting Bacteria Belonging to Order Enterobacterales. International Journal of Current Microbiology and Applied Sciences, 2020, 9, 685-696.	0.1	3
32	Synergistic Interaction of Methanotrophs and Methylotrophs in Regulating Methane Emission. , 2021, , 419-437.		2
33	Crop Microbiome Engineering and Relevance in Abiotic Stress Tolerance. Soil Biology, 2021, , 253-277.	0.8	1
34	Comprehensive Genome Analysis of Halolamina pelagica CDK2: Insights into Abiotic Stress Tolerance Genes. Journal of Pure and Applied Microbiology, 2022, 16, 460-470.	0.9	1