

Rajeev Kaushik

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,415
citations

331670

21
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Genome Analysis of <i>Halolamina pelagica</i> CDK2: Insights into Abiotic Stress Tolerance Genes. <i>Journal of Pure and Applied Microbiology</i> , 2022, 16, 460-470.	0.9	1
2	Synergistic Interaction of Methanotrophs and Methylophiles in Regulating Methane Emission. , 2021, , 419-437.		2
3	Methane utilizing plant growth-promoting microbial diversity analysis of flooded paddy ecosystem of India. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 56.	3.6	11
4	Mitigation of yield-scaled greenhouse gas emissions from irrigated rice through <i>Azolla</i> , Blue-green algae, and plant growth-promoting bacteria. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51425-51439.	5.3	30
5	Archaea: An Agro-Ecological Perspective. <i>Current Microbiology</i> , 2021, 78, 2510-2521.	2.2	17
6	Nutritional and Phytochemical Traits of Apricots (<i>Prunus Armeniaca</i> L.) for Application in Nutraceutical and Health Industry. <i>Foods</i> , 2021, 10, 1344.	4.3	20
7	Inoculation of plant growth promoting-methane utilizing bacteria in different N-fertilizer regime influences methane emission and crop growth of flooded paddy. <i>Science of the Total Environment</i> , 2021, 775, 145826.	8.0	22
8	Crop Microbiome Engineering and Relevance in Abiotic Stress Tolerance. <i>Soil Biology</i> , 2021, , 253-277.	0.8	1
9	Pan-genome analysis and ancestral state reconstruction of class halobacteria: probability of a new super-order. <i>Scientific Reports</i> , 2020, 10, 21205.	3.3	13
10	Flooded Paddy Ecosystem Harbors Methanol Oxidizing-Plant Growth Promoting Bacteria Belonging to Order Enterobacterales. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 685-696.	0.1	3
11	Isolation and characterization of halotolerant bacilli from chickpea (<i>Cicer arietinum</i> L.) rhizosphere for plant growth promotion and biocontrol traits. <i>European Journal of Plant Pathology</i> , 2019, 153, 787-800.	1.7	35
12	Seasonal variations in culturable archaea and their plant growth promoting attributes to predict their role in establishment of vegetation in Rann of Kutch. <i>Biologia (Poland)</i> , 2019, 74, 1031-1043.	1.5	60
13	Psychrotrophic Microbes: Biodiversity, Mechanisms of Adaptation, and Biotechnological Implications in Alleviation of Cold Stress in Plants. <i>Microorganisms for Sustainability</i> , 2019, , 219-253.	0.7	26
14	Psychrotrophic Microbiomes: Molecular Diversity and Beneficial Role in Plant Growth Promotion and Soil Health. <i>Microorganisms for Sustainability</i> , 2018, , 197-240.	0.7	44
15	Deciphering the Mechanisms of Endophyte-Mediated Biofortification of Fe and Zn in Wheat. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 174-182.	5.1	53
16	Beneficial role of endophytes in biofortification of Zn in wheat genotypes varying in nutrient use efficiency grown in soils sufficient and deficient in Zn. <i>Plant and Soil</i> , 2017, 416, 107-116.	3.7	91
17	Hot springs of Indian Himalayas: potential sources of microbial diversity and thermostable hydrolytic enzymes. <i>3 Biotech</i> , 2017, 7, 118.	2.2	94
18	Draft Genome Sequence of <i>Halolamina pelagica</i> CDK2 Isolated from Natural Salterns from Rann of Kutch, Gujarat, India. <i>Genome Announcements</i> , 2017, 5, .	0.8	37

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19	Cold active hydrolytic enzymes production by psychrotrophic Bacilli isolated from three sub-glacial lakes of NW Indian Himalayas. Journal of Basic Microbiology, 2016, 56, 294-307.	3.3	133
20	First high quality draft genome sequence of a plant growth promoting and cold active enzyme producing psychrotrophic <i>Arthrobacter agilis</i> strain L77. Standards in Genomic Sciences, 2016, 11, 54.	1.5	78
21	Haloarchaea Endowed with Phosphorus Solubilization Attribute Implicated in Phosphorus Cycle. Scientific Reports, 2015, 5, 12293.	3.3	138
22	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
23	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
24	Genetic and functional diversity of fluorescent <i>Pseudomonas</i> from rhizospheric soils of wheat crop. Journal of Basic Microbiology, 2014, 54, 425-437.	3.3	18
25	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
26	Prospecting <i>Parthenium</i> sp. pretreated with <i>Trametes hirsuta</i> , as a potential bioethanol feedstock. Biocatalysis and Agricultural Biotechnology, 2013, 2, 152-158.	3.1	31
27	Biological delignification of paddy straw and <i>Parthenium</i> sp. using a novel micromycete <i>Myrothecium roridum</i> LG7 for enhanced saccharification. Bioresource Technology, 2013, 135, 7-11.	9.6	40
28	Cold-active hydrolases producing bacteria from two different sub-glacial Himalayan lakes. Journal of Basic Microbiology, 2013, 53, 703-714.	3.3	32
29	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
30	Genetic and functional diversity of <i>Bacillus</i> 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
31	Characterization of halophilic bacteria from environmental samples from the brackish water of Pulicat Lake, India. Biologia (Poland), 2011, 66, 741-747.	1.5	19
32	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
33	Diversity and phylogeny of plant growth-promoting bacilli from moderately acidic soil. Journal of Basic Microbiology, 2011, 51, 98-106.	3.3	77
34	Title is missing!. World Journal of Microbiology and Biotechnology, 2000, 16, 567-570.	3.6	31