

Rishi Mahajan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

307
citations

1040056
9
h-index

888059
17
g-index

27
all docs

27
docs citations

27
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	Tricalcium phosphate solubilization and nitrogen fixation by newly isolated <i>Aneurinibacillus aneurinilyticus</i> CKMV1 from rhizosphere of <i>Valeriana jatamansi</i> and its growth promotional effect. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 294-304.	2.0	61
2	Biodegradation of di- <i>n</i> -butyl phthalate by psychrotolerant <i>Sphingobium yanoikuyae</i> strain P4 and protein structural analysis of carboxylesterase involved in the pathway. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 806-816.	7.5	40
3	A simple HPLC-DAD method for simultaneous detection of two organophosphates, profenofos and fenthion, and validation by soil microcosm experiment. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 327.	2.7	25
4	Influence of cationic polyacrilamide flocculant on high-solids TM anaerobic digestion of sewage sludge under thermophilic conditions. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1146-1155.	2.2	20
5	Effect of pretreatments on cellulosic composition and morphology of pine needle for possible utilization as substrate for anaerobic digestion. <i>Biomass and Bioenergy</i> , 2020, 141, 105705.	5.7	20
6	Selection of indigenous <i>Lactobacillus paracasei</i> CD4 and <i>Lactobacillus gastricus</i> BTM 7 as probiotic: assessment of traits combined with principal component analysis. <i>Journal of Applied Microbiology</i> , 2017, 122, 1310-1320.	3.1	19
7	Insights into direct interspecies electron transfer mechanisms for acceleration of anaerobic digestion of wastes. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2133-2142.	3.5	17
8	Autochthonous microbial community associated with pine needle forest litterfall influences its degradation under natural environmental conditions. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 417.	2.7	12
9	Endocellulase Production by <i>Cotylidia pannosa</i> and its Application in Saccharification of Wheat Bran to Bioethanol. <i>Bioenergy Research</i> , 2018, 11, 219-227.	3.9	10
10	Microbe-bio-Chemical Insight: Reviewing Interactions between Dietary Polyphenols and Gut Microbiota. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1253-1264.	2.4	9
11	Biodegradation of organophosphorus pesticide profenofos by the bacterium <i>Bacillus</i> sp. PF1 and elucidation of initial degradation pathway. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 492-500.	2.2	8
12	Evaluating anaerobic and aerobic digestion strategies for degradation of pretreated pine needle litter. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 191-200.	3.5	7
13	Antagonistic potential of native agrocin-producing non-pathogenic <i>Agrobacterium tumefaciens</i> strain UHFBA-218 to control crown gall in peach. <i>Phytoprotection</i> , 0, 97, 1-11.	0.3	6
14	Molecular insights into the activity and mechanism of cyanide hydratase enzyme associated with cyanide biodegradation by <i>Serratia marcescens</i> . <i>Archives of Microbiology</i> , 2018, 200, 971-977.	2.2	6
15	Protocol for Isolation and Identification of <i>Agrobacterium</i> Isolates from Stone Fruit Plants and Sensitivity of Native <i>A. tumefaciens</i> Isolates against Agrocin Produced by <i>A. radiobacter</i> Strain K84. <i>The National Academy of Sciences, India</i> , 2013, 36, 79-84.	1.3	5
16	Mutagenesis of Alkalophilic <i>Cellulosimicrobium</i> sp. CKMX1 for Hyper-Production of Cellulase-Free Xylanase in Solid State Fermentation of Apple Pomace. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2015, 85, 241-252.	1.0	5
17	Biological control of hairy root (<i>Rhizobium rhizogenes</i>) in apple nurseries through <i>Rhizobium radiobacter</i> antagonists (strain K-84 and native strain UHFBA-218). <i>Biological Control</i> , 2021, 164, 104762.	3.0	5
18	Microbe-bio-chemical insight: Reviewing interactions between dietary polyphenols and gut microbiota. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 1-1.	2.4	5

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19	Environmental Fate of Organophosphate Residues from Agricultural Soils to Fresh Farm Produce: Microbial Interventions for Sustainable Bioremediation Strategies. Microorganisms for Sustainability, 2019, , 211-224.	0.7	5
20	Microbial diversity in an anaerobic digester with biogeographical proximity to geothermally active region. Environmental Technology (United Kingdom), 2016, 37, 2694-2702.	2.2	4
21	Statistical assessment of DNA extraction methodology for culture-independent analysis of microbial community associated with diverse environmental samples. Molecular Biology Reports, 2018, 45, 297-308.	2.3	3
22	Optimization and Standardization of Conditions for Production of Commercially Viable Formulation of Native Agrobacterium sp. UHFBA-218. The National Academy of Sciences, India, 2018, 41, 249-253.	1.3	3
23	Development and diversity of lactic acid producing bacteria and bifidobacteria in healthy full term Indian infants from Himachal Pradesh. Intestinal Research, 2018, 16, 529-536.	2.6	3
24	Organophosphate pesticide: usage, environmental exposure, health effects, and microbial bioremediation. , 2022, , 473-490.		3
25	A Review on the Implications of Interaction Between Human Pathogenic Bacteria and the Host on Food Quality and Disease. , 2018, , 457-479.		2
26	Microbial Profiling of Malera and Phab: Starters Used for Preparing Traditional Fermented Foods and Beverages in Himachal Pradesh, India. Current Nutrition and Food Science, 2019, 15, 707-711.	0.6	0