

Ashish Sachan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

446
citations

759055

12
h-index

839398

18
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all docs

21
docs citations

21
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial transformation of ferulic acid to vanillic acid by <i>Streptomyces sannanensis</i> MTCC 6637. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007, 34, 131-138.	1.4	55
2	A re-appraisal on intensification of biogas production. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 4908-4916.	8.2	44
3	Transformation of ferulic acid to 4-vinyl guaiacol as a major metabolite: a microbial approach. <i>Reviews in Environmental Science and Biotechnology</i> , 2014, 13, 377-385.	3.9	41
4	Detection of major phenolic acids from dried mesocarpic husk of mature coconut by thin layer chromatography. <i>Industrial Crops and Products</i> , 2003, 18, 171-176.	2.5	39
5	Co-production of caffeic acid and p-hydroxybenzoic acid from p-coumaric acid by <i>Streptomyces caeruleus</i> MTCC 6638. <i>Applied Microbiology and Biotechnology</i> , 2006, 71, 720-727.	1.7	39
6	Production of natural value-added compounds: an insight into the eugenol biotransformation pathway. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 545-550.	1.4	34
7	Biotransformation of p-coumaric acid by <i>Paecilomyces variotii</i> . <i>Letters in Applied Microbiology</i> , 2006, 42, 35-41.	1.0	31
8	Study on biogas production by anaerobic digestion of garden-waste. <i>Fuel</i> , 2012, 95, 495-498.	3.4	30
9	An efficient isocratic separation of hydroxycinnamates and their corresponding benzoates from microbial and plant sources by HPLC. <i>Biotechnology and Applied Biochemistry</i> , 2004, 40, 197.	1.4	25
10	Screening of bioemulsifier-producing micro-organisms isolated from oil-contaminated sites. <i>Annals of Microbiology</i> , 2015, 65, 753-764.	1.1	24
11	Degradation of ferulic acid by a white rot fungus <i>Schizophyllum commune</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 385-388.	1.7	22
12	Conversion of sinapic acid to syringic acid by a filamentous fungus <i>Paecilomyces variotii</i> . <i>Journal of General and Applied Microbiology</i> , 2006, 52, 131-135.	0.4	15
13	Microbial production of 4-vinylguaiacol from ferulic acid by <i>Bacillus cereus</i> SAS-3006. <i>Biocatalysis and Biotransformation</i> , 2014, 32, 259-266.	1.1	10
14	Biosurfactants: A Multifunctional Microbial Metabolite. , 2017, , 213-229.		9
15	Bioconversion of ferulic acid to vanillic acid by <i>Paenibacillus lactis</i> SAMS-2001. <i>Annals of Microbiology</i> , 2016, 66, 875-882.	1.1	8
16	Exploring triclosan degradation potential of <i>Citrobacter freundii</i> KS2003. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 3565-3580.	1.8	7
17	Microbially synthesized nanoparticles and their applications in environmental clean-up. <i>Environmental Technology Reviews</i> , 2022, 11, 18-32.	2.1	5
18	A rapid and simple ultra high performance liquid chromatography method for the simultaneous determination of methoxyphenol derivatives involved in the eugenol catabolic pathway. <i>Journal of Separation Science</i> , 2020, 43, 877-885.	1.3	3

#	ARTICLE	IF	CITATIONS
19	A review on biotransformation of polyaromatic hydrocarbons mediated by biosurfactant producing bacteria. <i>Petroleum Science and Technology</i> , 2022, 40, 2361-2381.	0.7	3
20	Ferulic Acid Decarboxylase from <i>Bacillus cereus</i> SAS-3006: Purification and Properties. , 2017, , 169-179.		2
21	Biosurfactant Production by <i>Pseudomonas fluorescens</i> NCIM 2100 Forming Stable Oil-in-Water Emulsions. , 2017, , 97-107.		0