

Indra Arulselvi Padikasan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

661
citations

1040056

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1281871

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12
docs citations

12
times ranked

806
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the molecular mechanisms for the enhanced phytoremediation of heavy metals through plant growth promoting rhizobacteria: A review. <i>Journal of Environmental Management</i> , 2020, 254, 109779.	7.8	248
2	Evaluation of Cr(VI) reduction mechanism and removal by <i>Cellulosimicrobium funkei</i> strain AR8, a novel haloalkaliphilic bacterium. <i>Journal of Hazardous Materials</i> , 2017, 333, 42-53.	12.4	171
3	Characterization of multifarious plant growth promoting traits of rhizobacterial strain AR6 under Chromium (VI) stress. <i>Microbiological Research</i> , 2017, 204, 65-71.	5.3	67
4	Biodegradation of textile dye Reactive Blue 160 by <i>Bacillus firmus</i> (Bacillaceae: Bacillales) and non-target toxicity screening of their degraded products. <i>Toxicology Reports</i> , 2020, 7, 16-22.	3.3	50
5	Biofilm mediated decolorization and degradation of reactive red 170 dye by the bacterial consortium isolated from the dyeing industry wastewater sediments. <i>Chemosphere</i> , 2022, 286, 131914.	8.2	35
6	Isolation and characterization of multi-potential <i>Rhizobium</i> strain ND2 and its plant growth-promoting activities under Cr(VI) stress. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1058-1069.	2.6	32
7	Optimization for enhanced ecofriendly decolorization and detoxification of Reactive Blue160 textile dye by <i>Bacillus subtilis</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 28, e00522.	4.4	22
8	<i>Cellulosimicrobium funkei</i> strain AR6 alleviate Cr(VI) toxicity in <i>Lycopersicon esculentum</i> by regulating the expression of growth responsible, stress tolerant and metal transporter genes. <i>Rhizosphere</i> , 2021, 18, 100351.	3.0	12
9	Enzymatically hydrolysed sago bagasse improves physiological, biochemical and molecular attributes of <i>Solanum lycopersicum</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 499-506.	3.1	10
10	Comparison of phytochemicals, antioxidant and hypoglycemic activity of four different Brown rice varieties. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101351.	3.1	7
11	<i>Agricultural Biotechnology</i> . , 2018, , 87-104.		4
12	GCMS profiling and in silico screening of alpha-amylase inhibitors in traditional pigmented rice varieties (<i>Oryza sativa</i> Linn) of Tamil Nadu. <i>Food Bioscience</i> , 2021, 42, 101154.	4.4	3