

Jeyakumar Dhavamani

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

355
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic effects of pretreatment and blending on fungi mediated biodegradation of polypropylenes. <i>Bioresource Technology</i> , 2013, 148, 78-85.	9.6	136
2	Role of a halothermophilic bacterial consortium for the biodegradation of PAHs and the treatment of petroleum wastewater at extreme conditions. <i>International Biodeterioration and Biodegradation</i> , 2017, 121, 44-54.	3.9	64
3	Toxicity of iron oxide nanoparticles to grass litter decomposition in a sandy soil. <i>Scientific Reports</i> , 2017, 7, 41965.	3.3	52
4	Biodegradation of 1,4-dioxane by <i>Rhodanobacter</i> AYS5 and the role of additional substrates. <i>Annals of Microbiology</i> , 2015, 65, 2201-2208.	2.6	30
5	Biodegradation of low and high molecular weight hydrocarbons in petroleum refinery wastewater by a thermophilic bacterial consortium. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2381-2391.	2.2	22
6	The effects of salinity, temperature, and UV irradiation on leaching and adsorption of phthalate esters from polyethylene in seawater. <i>Science of the Total Environment</i> , 2022, 838, 155461.	8.0	21
7	Hand drawn paper-based optical assay plate for rapid and trace level determination of Ag ⁺ in water. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 321-330.	7.8	18
8	Synergistic interaction of treatment and blending on the stability of high-density polyethylene. <i>Journal of Applied Polymer Science</i> , 2012, 125, 2790-2798.	2.6	6
9	A versatile optical assay plate fabricated from e-waste and its application towards rapid determination of Fe ³⁺ ions in water. <i>New Journal of Chemistry</i> , 2017, 41, 9731-9740.	2.8	5
10	Comparative characterization of renal calculi from patients with clinical disorders. <i>Clinical Biochemistry</i> , 2012, 45, 1097-1098.	1.9	1
11	Antifouling effect of bioactive compounds from selected marine organisms in the Obhur Creek, Red Sea. <i>Journal of Ocean University of China</i> , 2016, 15, 465-470.	1.2	0