

Arulazhagan Pugazhendi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

477
citations

623574

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752573

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22
docs citations

22
times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioaugmentation of electrogenic halophiles in the treatment of pharmaceutical industrial wastewater and energy production in microbial fuel cell under saline condition. <i>Chemosphere</i> , 2022, 288, 132515.	4.2	17
2	Macroalgae (<i>Ulva reticulata</i>) derived biohydrogen recovery through mild surfactant induced energy and cost efficient dispersion pretreatment technology. <i>Chemosphere</i> , 2022, 288, 132463.	4.2	13
3	Editorial: Plastic to Bioplastic (P2BP): A Green Technology for Circular Bioeconomy. <i>Frontiers in Microbiology</i> , 2022, 13, 851045.	1.5	2
4	Tannery wastewater treatment coupled with bioenergy production in upflow microbial fuel cell under saline condition. <i>Environmental Research</i> , 2022, 212, 113304.	3.7	9
5	Isolation and characterization of halophilic bacterial consortium from seagrass, Jeddah coast, for the degradation of petroleum hydrocarbons and treatment of hydrocarbons-contaminated boat fuel station wastewater. <i>Clean Technologies and Environmental Policy</i> , 2021, 23, 77-88.	2.1	5
6	Bioenergy production and treatment of aquaculture wastewater using saline anode microbial fuel cell under saline condition. <i>Environmental Technology and Innovation</i> , 2021, 21, 101331.	3.0	26
7	Application of integrated extremophilic (halo-alkalo-thermophilic) bacterial consortium in the degradation of petroleum hydrocarbons and treatment of petroleum refinery wastewater under extreme condition. <i>Journal of Hazardous Materials</i> , 2021, 413, 125351.	6.5	22
8	Treatment of fish market wastewater and energy production using halophiles in air cathode microbial fuel cell. <i>Journal of Environmental Management</i> , 2021, 292, 112752.	3.8	26
9	Biofuel production from Macroalgae: present scenario and future scope. <i>Bioengineered</i> , 2021, 12, 9216-9238.	1.4	41
10	Profitable biomethane production from delignified rice straw biomass: the effect of lignin, energy and economic analysis. <i>Green Chemistry</i> , 2020, 22, 8024-8035.	4.6	37
11	Application of halophiles in air cathode MFC for seafood industrial wastewater treatment and energy production under high saline condition. <i>Environmental Technology and Innovation</i> , 2020, 20, 101119.	3.0	20
12	Treatment of seafood industrial wastewater coupled with electricity production using air cathode microbial fuel cell under saline condition. <i>International Journal of Energy Research</i> , 2020, 44, 12535-12545.	2.2	20
13	Use of Probiotics in Commercially Important Finfish Aquaculture. <i>International Journal of Probiotics and Prebiotics</i> , 2020, 15, 7-21.	0.5	10
14	Biodegradation of phenol by a moderately halophilic bacterial consortium. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 1587-1593.	1.3	15
15	Deriving electricity from dye processing wastewater using single chamber microbial fuel cell with carbon brush anode and platinum nano coated air cathode. <i>3 Biotech</i> , 2018, 8, 437.	1.1	31
16	Degradation of petroleum hydrocarbons and treatment of refinery wastewater under saline condition by a halophilic bacterial consortium enriched from marine environment (Red Sea), Jeddah, Saudi Arabia. <i>3 Biotech</i> , 2018, 8, 276.	1.1	32
17	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.	1.9	64
18	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.	1.2	22

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19	Antifouling effect of bioactive compounds from selected marine organisms in the Obhur Creek, Red Sea. Journal of Ocean University of China, 2016, 15, 465-470.	0.6	0
20	Biodegradation of 1,4-dioxane by Rhodanobacter AYS5 and the role of additional substrates. Annals of Microbiology, 2015, 65, 2201-2208.	1.1	30
21	Adsorption of Hg(II) from Aqueous Solution Using Adulsa (<i>Justicia adhatoda</i>) Leaves Powder: Kinetic and Equilibrium Studies. Journal of Chemistry, 2013, 2013, 1-11.	0.9	18
22	Guar gum-stabilized soil: a clean, sustainable and economic alternative liner material for landfills. Clean Technologies and Environmental Policy, 0, , 1.	2.1	17