

Jeyaseelan Aravind

List of Publications by Year in descending order

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32
papers

884
citations

623734

14
h-index

477307

29
g-index

37
all docs

37
docs citations

37
times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics menace: the new emerging lurking environmental issue, a review on sampling and quantification in aquatic environments. International Journal of Environmental Science and Technology, 2023, 20, 1081-1094.	3.5	4
2	Techniques for the detection and quantification of emerging contaminants. ChemistrySelect, 2023, 8, 2191-2218.	1.5	2
3	Nanotechnological approaches as a promising way for heavy metal mitigation in an aqueous system. Journal of Basic Microbiology, 2022, 62, 376-394.	3.3	1
4	Emerging role of microalgae in heavy metal bioremediation. Journal of Basic Microbiology, 2022, 62, 330-347.	3.3	23
5	Plant polysaccharides-based adsorbents. , 2021, , 53-72.		2
6	Lignin as the most abundant natural polymers as bio- and nanosorbents. , 2021, , 111-129.		0
7	Tailored natural polymers: a useful eco-friendly sustainable tool for the mitigation of emerging pollutants: a review. International Journal of Environmental Science and Technology, 2021, 18, 2491-2510.	3.5	14
8	Biohydrogen production from waste materials: benefits and challenges. International Journal of Environmental Science and Technology, 2020, 17, 559-576.	3.5	41
9	Biofabrication of iron oxide nanoparticles as a potential photocatalyst for dye degradation with antimicrobial activity. International Journal of Environmental Science and Technology, 2019, 16, 8305-8314.	3.5	28
10	Biohydrogen Production Perspectives from Organic Waste with Focus on Asia. , 2019, , 413-435.		2
11	Isolation of <i>Virgibacillus</i> sp. strain KU4 from agricultural soil as a potential degrader of endocrine disruptor bisphenol-A. International Journal of Environmental Science and Technology, 2018, 15, 2545-2550.	3.5	6
12	Chromium(VI) adsorption by <i>Codium tomentosum</i> : evidence for adsorption by porous media from sigmoidal doseâ€“response curve. International Journal of Environmental Science and Technology, 2018, 15, 2595-2606.	3.5	10
13	Optimization of Media Components for Production of Polyhydroxyalkanoates by <i>Ralstonia eutropha</i> Using Paddy Straw as Cheap Substrate. Environmental Science and Engineering, 2017, , 239-251.	0.2	1
14	Environmental applications of chitosan and cellulosic biopolymers: A comprehensive outlook. Bioresource Technology, 2017, 242, 295-303.	9.6	220
15	Screening, Isolation and Development of Fungal Consortia with Textile Reactive Dyes Decolorizing Capability. Environmental Science and Engineering, 2017, , 295-303.	0.2	1
16	Optimization of Biosurfactant Production and Crude Oil Emulsification by <i>Bacillus</i> Sp. Isolated from Hydrocarbon Contaminated Soil Sample. Environmental Science and Engineering, 2017, , 305-317.	0.2	0
17	Enzymatic degradation of polyhydroxyalkanoate using lipase from <i>Bacillus subtilis</i> . International Journal of Environmental Science and Technology, 2016, 13, 1541-1552.	3.5	22
18	Bio-degradation of Reactive Dyes by Indigenous Bacteria Obtained from Textile Effluent Contaminated Site. Environmental Science and Engineering, 2016, , 169-177.	0.2	1

#	ARTICLE	IF	CITATIONS
19	A Mini Review on Cyanophycin: Production, Analysis and Its Applications. Environmental Science and Engineering, 2016, , 49-58.	0.2	7
20	State of the art and future concept of food waste fermentation to bioenergy. Renewable and Sustainable Energy Reviews, 2016, 53, 547-557.	16.4	110
21	Pretreatment of coconut mill effluent using celite-immobilized hydrolytic enzyme preparation from Staphylococcus pasteurii and its impact on anaerobic digestion. Biotechnology Progress, 2015, 31, 1249-1258.	2.6	11
22	Gene cloning, expression, and characterization of the Bacillus amyloliquefaciens PS35 lipase. Brazilian Journal of Microbiology, 2015, 46, 1235-1243.	2.0	15
23	Utilization of coconut oil mill waste as a substrate for optimized lipase production, oil biodegradation and enzyme purification studies in Staphylococcus pasteurii. Electronic Journal of Biotechnology, 2015, 18, 20-28.	2.2	32
24	Optimizing the nutrient feeding strategy for PHA production by a novel strain of Enterobacter sp.. International Journal of Environmental Science and Technology, 2015, 12, 2757-2764.	3.5	12
25	An insight into microbial lipases and their environmental facet. International Journal of Environmental Science and Technology, 2015, 12, 1147-1162.	3.5	32
26	Response surface methodology optimization of nickel (II) removal using pigeon pea pod biosorbent. International Journal of Environmental Science and Technology, 2015, 12, 105-114.	3.5	28
27	Batch and dynamics modeling of the biosorption of Cr(VI) from aqueous solutions by solid biomass waste from the biodiesel production. Environmental Progress and Sustainable Energy, 2014, 33, 342-352.	2.3	14
28	Production of polyhydroxyalkanoates from Ralstonia eutropha using paddy straw as cheap substrate. International Journal of Environmental Science and Technology, 2013, 10, 47-54.	3.5	56
29	Pigeon pea (Cajanus cajan) pod as a novel eco-friendly biosorbent: a study on equilibrium and kinetics of Ni(II) biosorption. International Journal of Industrial Chemistry, 2013, 4, 25.	3.1	14
30	The Use of Response Surface Methodology as a Statistical Tool for Media Optimization in Lipase Production from the Dairy Effluent Isolate <i>Fusarium solani</i> . ISRN Biotechnology, 2013, 2013, 1-8.	1.9	36
31	Pilot-scale study of efficient vermicomposting of agro-industrial wastes. Environmental Technology (United Kingdom), 2012, 33, 975-981.	2.2	7
32	Remediation of chromium contaminants using bacteria. International Journal of Environmental Science and Technology, 2012, 9, 183-193.	3.5	118