

Maharaja Pounsamy

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

425
citations

758635

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h-index

887659

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all docs

18
docs citations

18
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxyl radical generation by cactus-like copper oxide nanoporous carbon catalysts for microcystin-LR environmental remediation. <i>Catalysis Science and Technology</i> , 2016, 6, 530-544.	2.1	58
2	Three dimensional electro catalytic oxidation of aniline by boron doped mesoporous activated carbon. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 942-950.	2.9	48
3	Process optimization for the treatment of pharmaceutical wastewater catalyzed by poly sulphha sponge. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1739-1747.	2.7	45
4	Immobilization of <i>Bacillus</i> sp. in mesoporous activated carbon for degradation of sulphonated phenolic compound in wastewater. <i>Materials Science and Engineering C</i> , 2013, 33, 735-745.	3.8	33
5	Oxidation of refractory organics by heterogeneous Fenton to reduce organic load in tannery wastewater. <i>Clean Technologies and Environmental Policy</i> , 2013, 15, 245-253.	2.1	33
6	Production, purification and immobilization of pectinase from <i>Aspergillus ibericus</i> onto functionalized nanoporous activated carbon (FNAC) and its application on treatment of pectin containing wastewater. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, 43-54.	1.8	31
7	Response surface modeling for optimization heterocatalytic Fenton oxidation of persistence organic pollution in high total dissolved solid containing wastewater. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1489-1502.	2.7	26
8	Sequential oxic-anoxic bio reactor for the treatment of tannery saline wastewater using halophilic and filamentous bacteria. <i>Journal of Water Process Engineering</i> , 2017, 18, 47-57.	2.6	22
9	Preparation of light weight constructional materials from chrome containing buffing dust solid waste generated in leather industry. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 928-938.	1.6	21
10	Bioactive prodigiosin-impregnated cellulose matrix for the removal of pathogenic bacteria from aqueous solution. <i>RSC Advances</i> , 2015, 5, 68621-68631.	1.7	19
11	Simultaneous removal of NH_4^+ and refractory organics through sequential heterogeneous Fenton oxidation process and struvite precipitation: kinetic study. <i>RSC Advances</i> , 2016, 6, 4250-4261.	1.7	17
12	A novel protease-immobilized carbon catalyst for the effective fragmentation of proteins in high-TDS wastewater generated in tanneries: Spectral and electrochemical studies. <i>Environmental Research</i> , 2019, 172, 408-419.	3.7	17
13	Advanced oxidation of catechol in reverse osmosis concentrate generated in leather wastewater by Cu-graphite electrode. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 2143-2152.	1.8	12
14	Treatment of tannery saline wastewater by using effective immobilized protease catalyst produced from salt tolerant <i>Enterococcus faecalis</i> . <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2042-2055.	3.3	11
15	Removal of Fat Components in High TDS Leather Wastewater by Saline-Tolerant Lipase-Assisted Nanoporous-Activated Carbon. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 474-492.	1.4	10
16	Synthesis of Surface-Modified Iron Oxides for the Solvent-Free Recovery of Bacterial Bioactive Compound Prodigiosin and Its Algicidal Activity. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9685-9696.	1.2	8
17	Bio removal of proteins, lipids and mucopolysaccharides in tannery hyper saline wastewater using halophilic bacteria. <i>Journal of Water Process Engineering</i> , 2020, 38, 101674.	2.6	7
18	Removal of glycosaminoglycans present in tannery saline soak wastewater using integrated biological reactor and amylase immobilised reactor. , 0, 156, 189-203.		7