

Parmila Devi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

1,203
citations

11
h-index

16
g-index

16
ext. papers

1,419
ext. citations

9.6
avg, IF

5.44
L-index

#	Paper	IF	Citations
16	Implications of breakpoint chlorination on chloramines decay and disinfection by-products formation in brine solution. <i>Desalination</i> , 2021 , 504, 114961	10.3	2
15	Methods Used for Performance Enhancement of Iron-Based Magnetic Adsorbents in Water Systems. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 467-492	0.8	
14	Conversion of Glycerol to Value-Added Products 2020 , 371-397		0
13	Stabilization and solidification of arsenic and iron contaminated canola meal biochar using chemically modified phosphate binders. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121559	12.8	14
12	Activity and stability of biochar in hydrogen peroxide based oxidation system for degradation of naphthenic acid. <i>Chemosphere</i> , 2020 , 241, 125007	8.4	13
11	Effects of carboxymethyl cellulose grafting on stability and reactivity of zerovalent iron in water systems. <i>Journal of Cleaner Production</i> , 2019 , 229, 65-74	10.3	4
10	Production of glycerol carbonate using a novel Ti-SBA-15 catalyst. <i>Chemical Engineering Journal</i> , 2018 , 346, 477-488	14.7	50
9	Utilization of sludge based adsorbents for the removal of various pollutants: A review. <i>Science of the Total Environment</i> , 2017 , 578, 16-33	10.2	168
8	In-situ chemical oxidation: Principle and applications of peroxide and persulfate treatments in wastewater systems. <i>Science of the Total Environment</i> , 2016 , 571, 643-57	10.2	293
7	Heavy metal content in various types of candies and their daily dietary intake by children. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 86	3.1	12
6	Improvement in performance of sludge-based adsorbents by controlling key parameters by activation/modification: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2016 , 46, 1704-1743	11.1	23
5	Risk assessment and technical feasibility of usage of paper mill sludge biochar-based exhausted adsorbent for geopolymeric brick formation. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 21641-21651	5.1	5
4	Effect of pyrolysis temperature on polycyclic aromatic hydrocarbons toxicity and sorption behaviour of biochars prepared by pyrolysis of paper mill effluent treatment plant sludge. <i>Bioresource Technology</i> , 2015 , 192, 312-20	11	96
3	Simultaneous adsorption and dechlorination of pentachlorophenol from effluent by Ni ⁰ /VI magnetic biochar composites synthesized from paper mill sludge. <i>Chemical Engineering Journal</i> , 2015 , 271, 195-203	14.7	113
2	Risk analysis of pyrolyzed biochar made from paper mill effluent treatment plant sludge for bioavailability and eco-toxicity of heavy metals. <i>Bioresource Technology</i> , 2014 , 162, 308-15	11	231
1	Synthesis of the magnetic biochar composites for use as an adsorbent for the removal of pentachlorophenol from the effluent. <i>Bioresource Technology</i> , 2014 , 169, 525-531	11	179