

Parmila Devi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7704125/parmila-devi-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
15	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
14	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
13	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
12	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
11	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
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	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
8	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
7	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
6	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
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	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
3	Implications of breakpoint chlorination on chloramines decay and disinfection by-products formation in brine solution. <i>Desalination</i> , 2021 , 504, 114961	10.3	2
2	Conversion of Glycerol to Value-Added Products 2020 , 371-397		0
1	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	