

Carmalin A Sophia

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

783
citations

1040056

9
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	Decolorization and degradation of H-acid and other dyes using ferrous-hydrogen peroxide system. <i>Chemosphere</i> , 2003, 50, 619-625.	8.2	199
2	Synthesis and characterization of a novel organic-inorganic hybrid clay adsorbent for the removal of acid red 1 and acid green 25 from aqueous solutions. <i>Journal of Cleaner Production</i> , 2018, 171, 30-44.	9.3	178
3	Removal of Pb(II) from aqueous solution using carbon derived from agricultural wastes. <i>Process Biochemistry</i> , 2005, 40, 1293-1299.	3.7	119
4	Microbial desalination cell technology: Contribution to sustainable waste water treatment process, current status and future applications. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3468-3478.	6.7	81
5	Assessment of the mechanical stability and chemical leachability of immobilized electroplating waste. <i>Chemosphere</i> , 2005, 58, 75-82.	8.2	59
6	Green energy generation from plant microbial fuel cells (PMFC) using compost and a novel clay separator. <i>Sustainable Energy Technologies and Assessments</i> , 2017, 21, 59-66.	2.7	45
7	Reduction of chromium(VI) with energy recovery using microbial fuel cell technology. <i>Journal of Water Process Engineering</i> , 2016, 11, 39-45.	5.6	41
8	Utilization of coconut shell carbon in the anode compartment of microbial desalination cell (MDC) for enhanced desalination and bio-electricity production. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2768-2776.	6.7	24
9	Modified microbial fuel cell for Cr(VI) reduction and simultaneous bio-electricity production. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2402-2409.	6.7	24
10	Microbially-influenced degradation of solidified/stabilized metal waste. <i>Bioresource Technology</i> , 2007, 98, 2562-2567.	9.6	8
11	Synthesis of Nano-Porous Carbon from Cellulosic Waste and its Application in Water Disinfection. <i>Current Science</i> , 2016, 111, 1377.	0.8	4
12	Microbial Desalination Cell Technology: Functions and Future Prospects. , 2018, , 399-422.		1
13	Leaching of metals on stabilization of metal sludge using cement based materials. <i>Journal of Environmental Sciences</i> , 2005, 17, 115-8.	6.1	0