

Manikandan santhanam

List of Publications by Year in descending order

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14
papers

334
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840776

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citing authors

#	ARTICLE	IF	CITATIONS
1	Supercritical Fluid Facilitated Disintegration of Hexagonal Boron Nitride Nanosheets to Quantum Dots and Its Application in Cells Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18647-18651.	8.0	56
2	Electrokinetic remediation of inorganic and organic pollutants in textile effluent contaminated agricultural soil. <i>Chemosphere</i> , 2014, 117, 673-678.	8.2	40
3	DNA/RNA Electrochemical Biosensing Devices a Future Replacement of PCR Methods for a Fast Epidemic Containment. <i>Sensors</i> , 2020, 20, 4648.	3.8	39
4	A membrane electroflotation process for recovery of recyclable chromium(III) from tannery spent liquor effluent. <i>Journal of Hazardous Materials</i> , 2018, 346, 133-139.	12.4	33
5	Combined electrochemical, sunlight-induced oxidation and biological process for the treatment of chloride containing textile effluent. <i>Chemosphere</i> , 2017, 186, 1026-1032.	8.2	24
6	Electrochemical decolorization and degradation of Turquoise Blue G (TBC) by pre-adapted petroleum degrading bacteria. <i>Separation and Purification Technology</i> , 2014, 132, 719-727.	7.9	23
7	Greener technology for organic reactive dye degradation in textile dye-contaminated field soil and in situ formation of "electroactive species" at the anode by electrokinetics. <i>RSC Advances</i> , 2016, 6, 3552-3560.	3.6	21
8	"Green technology" Bio-stimulation by an electric field for textile reactive dye contaminated agricultural soil. <i>Science of the Total Environment</i> , 2018, 624, 1649-1657.	8.0	19
9	Bacterial degradation of electrochemically oxidized textile effluent: Performance of oxic, anoxic and hybrid oxic-anoxic consortium. <i>Chemical Engineering Journal</i> , 2019, 355, 186-195.	12.7	18
10	Anchoring of ZnO nanoparticles on exfoliated MoS2 nanosheets for enhanced photocatalytic decolorization of methyl red dye. <i>Materials Science in Semiconductor Processing</i> , 2018, 85, 59-67.	4.0	16
11	Molecular prevalence and characterization of Hepatozoon ursi infection in Indian sloth bears (Melursus ursinus). <i>Veterinary Parasitology</i> , 2011, 182, 329-332.	1.8	13
12	Electrokinetic remediation: challenging and optimization of electrolyte for sulfate removal in textile effluent-contaminated farming soil. <i>RSC Advances</i> , 2015, 5, 81052-81058.	3.6	13
13	A simple strategy for monitoring of aromatic degradation in a chloride mediated electrooxidation process. <i>RSC Advances</i> , 2015, 5, 75528-75532.	3.6	11
14	Enhanced degradation of eletrooxidized textile effluent by petroleum degrading Pseudomonas aeruginosa (MTCC No.1201) at compressed gas pressure. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 489-498.	3.4	8