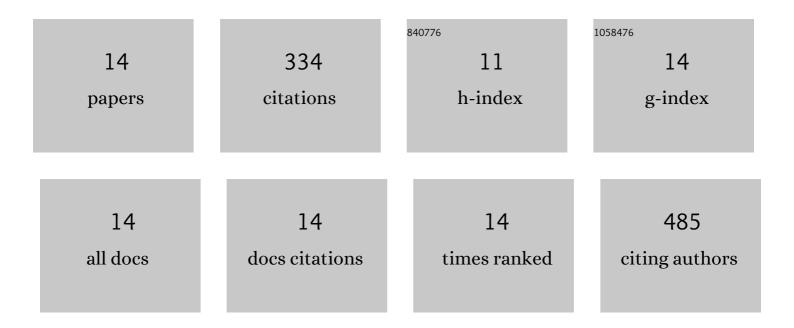
Manikandan santhanam

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8999734/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Supercritical Fluid Facilitated Disintegration of Hexagonal Boron Nitride Nanosheets to Quantum Dots and Its Application in Cells Imaging. ACS Applied Materials & Interfaces, 2016, 8, 18647-18651.	8.0	56
2	Electrokinetic remediation of inorganic and organic pollutants in textile effluent contaminated agricultural soil. Chemosphere, 2014, 117, 673-678.	8.2	40
3	DNA/RNA Electrochemical Biosensing Devices a Future Replacement of PCR Methods for a Fast Epidemic Containment. Sensors, 2020, 20, 4648.	3.8	39
4	A membrane electroflotation process for recovery of recyclable chromium(III) from tannery spent liquor effluent. Journal of Hazardous Materials, 2018, 346, 133-139.	12.4	33
5	Combined electrochemical, sunlight-induced oxidation and biological process for the treatment of chloride containing textile effluent. Chemosphere, 2017, 186, 1026-1032.	8.2	24
6	Electrochemical decolorization and degradation of Turquoise Blue G (TBG) by pre-adapted petroleum degrading bacteria. Separation and Purification Technology, 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. RSC Advances, 2016, 6, 3552-3560.	3.6	21
8	"Green technologyâ€: Bio-stimulation by an electric field for textile reactive dye contaminated agricultural soil. Science of the Total Environment, 2018, 624, 1649-1657.	8.0	19
9	Bacterial degradation of electrochemically oxidized textile effluent: Performance of oxic, anoxic and hybrid oxic-anoxic consortium. Chemical Engineering Journal, 2019, 355, 186-195.	12.7	18
10	Anchoring of ZnO nanoparticles on exfoliated MoS2 nanosheets for enhanced photocatalytic decolorization of methyl red dye. Materials Science in Semiconductor Processing, 2018, 85, 59-67.	4.0	16
11	Molecular prevalence and characterization of Hepatozoon ursi infection in Indian sloth bears (Melursus ursinus). Veterinary Parasitology, 2011, 182, 329-332.	1.8	13
12	Electrokinetic remediation: challenging and optimization of electrolyte for sulfate removal in textile effluent-contaminated farming soil. RSC Advances, 2015, 5, 81052-81058.	3.6	13
13	A simple strategy for monitoring of aromatic degradation in a chloride mediated electrooxidation process. RSC Advances, 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. Bioprocess and Biosystems Engineering, 2015, 38, 489-498.	3.4	8