

Liyuan Kuang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

522
citations

932766

10
h-index

1372195

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g-index

10
all docs

10
docs citations

10
times ranked

846
citing authors

#	ARTICLE	IF	CITATIONS
1	FeOOH-graphene oxide nanocomposites for fluoride removal from water: Acetate mediated nano FeOOH growth and adsorption mechanism. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 259-269.	5.0	110
2	Influences of Surface Coating, UV Irradiation and Magnetic Field on the Algae Removal Using Magnetite Nanoparticles. <i>Environmental Science & Technology</i> , 2015, 49, 1190-1196.	4.6	89
3	Heteroaggregation between PEI-Coated Magnetic Nanoparticles and Algae: Effect of Particle Size on Algal Harvesting Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6102-6108.	4.0	87
4	Synthesis of nitrogen-doped graphene catalyst by high-energy wet ball milling for electrochemical systems. <i>International Journal of Energy Research</i> , 2016, 40, 2136-2149.	2.2	81
5	Effects of anodic oxidation of a substoichiometric titanium dioxide reactive electrochemical membrane on algal cell destabilization and lipid extraction. <i>Bioresource Technology</i> , 2016, 203, 112-117.	4.8	37
6	Enhanced hydrogen production by carbon-doped TiO ₂ decorated with reduced graphene oxide (rGO) under visible light irradiation. <i>RSC Advances</i> , 2016, 6, 2479-2488.	1.7	37
7	Recovering Magnetic Fe ₃ O ₄ @ZnO Nanocomposites from Algal Biomass Based on Hydrophobicity Shift under UV Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11677-11682.	4.0	30
8	Hydrogen production from organic fatty acids using carbon-doped TiO ₂ nanoparticles under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 4335-4346.	3.8	20
9	Photodegradation of Orange II by mesoporous TiO ₂ . <i>Journal of Environmental Monitoring</i> , 2011, 13, 2496.	2.1	16
10	Roles of Reactive Oxygen Species and Holes in the Photodegradation of Cationic and Anionic Dyes by TiO ₂ under UV Irradiation. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	15