

Dan Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic Fe ₃ O ₄ /ZnCr-layered double hydroxide composite with enhanced adsorption and photocatalytic activity. <i>Chemical Engineering Journal</i> , 2012, 185-186, 120-126.	12.7	133
2	Efficient removal of dyes by a novel magnetic Fe ₃ O ₄ /ZnCr-layered double hydroxide adsorbent from heavy metal wastewater. <i>Journal of Hazardous Materials</i> , 2012, 243, 152-160.	12.4	118
3	Sulfate radical-induced degradation of Acid Orange 7 by a new magnetic composite catalyzed peroxymonosulfate oxidation process. <i>Journal of Hazardous Materials</i> , 2014, 279, 476-484.	12.4	53
4	Ferrite materials prepared from two industrial wastes: Electroplating sludge and spent pickle liquor. <i>Separation and Purification Technology</i> , 2010, 75, 210-217.	7.9	44
5	Electroplating sludge derived zinc-ferrite catalyst for the efficient photo-Fenton degradation of dye. <i>Journal of Environmental Management</i> , 2017, 193, 146-153.	7.8	41
6	Facile fabrication of mesoporous biochar/ZnFe ₂ O ₄ composite with enhanced visible-light photocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 19967-19977.	7.1	39
7	Enhanced visible light assisted Fenton-like degradation of dye via metal-doped zinc ferrite nanosphere prepared from metal-rich industrial wastewater. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 185-192.	5.3	26
8	Flash fixation of heavy metals from two industrial wastes into ferrite by microwave hydrothermal co-treatment. <i>Journal of Hazardous Materials</i> , 2011, 192, 1675-1682.	12.4	22
9	Municipal solid waste incineration residues recycled for typical construction materials—a review. <i>RSC Advances</i> , 2022, 12, 6279-6291.	3.6	18
10	Recovery and application of heavy metals from pickling waste liquor (PWL) and electroplating wastewater (EPW) by the combination process of ferrite nanoparticles. <i>Desalination and Water Treatment</i> , 2016, 57, 29264-29273.	1.0	10
11	In situ growing Cu ₂ (OH) ₂ CO ₃ on oxidized carbon nitride with enhanced photocatalytic hydrogen evolution and pollutant degradation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 24697-24709.	7.1	8
12	Nickel hydroxide as a non-noble metal co-catalyst decorated on Cd _{0.5} Zn _{0.5} S solid solution for enhanced hydrogen evolution. <i>RSC Advances</i> , 2021, 11, 20479-20485.	3.6	5
13	Rapid purification of spent pickling liquor into ferrite by microwave hydrothermal method. <i>Desalination and Water Treatment</i> , 2014, 52, 6230-6239.	1.0	1
14	Physicochemical Characterization of the Magnetic Fe ₃ O ₄ /MO-Intercalated-Layered Double Hydroxide Composite. <i>Advanced Materials Research</i> , 0, 734-737, 2168-2171.	0.3	0
15	Preparation and Physicochemical Characterization of Magnetic Composite: CuFe ₂ O ₄ / Layered Double Hydroxide. <i>Advanced Materials Research</i> , 0, 955-959, 47-50.	0.3	0
16	Al ₃ Incorporated Mesoporous Silica Supported ZnFe ₂ O ₄ for Photocatalytic Hydrogen Evolution. <i>ChemistrySelect</i> , 2021, 6, 9112-9119.	1.5	0