

Huan-Ping Jing

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,934
citations

236833

25
h-index

254106

43
g-index

46
all docs

46
docs citations

46
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced visible light photo-Fenton-like degradation of tetracyclines by expanded perlite supported FeMo ₃ O _x /g-C ₃ N ₄ floating Z-scheme catalyst. <i>Journal of Hazardous Materials</i> , 2022, 424, 127387.	6.5	83
2	In-situ remediation of zinc contaminated soil using phosphorus recovery product: Hydroxyapatite/calcium silicate hydrate (HAP/Ca ₅ (OH)(PO ₄) ₃ F). <i>Chemosphere</i> , 2022, 286, 131664.	4.2	13
3	Simultaneous adsorption and oxidation of Sb(III) from water by the pH-sensitive superabsorbent polymer hydrogel incorporated with Fe-Mn binary oxides composite. <i>Journal of Hazardous Materials</i> , 2022, 423, 127013.	6.5	30
4	Activation of peroxymonosulfate by a floating oxygen vacancies - CuFe ₂ O ₄ photocatalyst under visible light for efficient degradation of sulfamethazine. <i>Science of the Total Environment</i> , 2022, 824, 153630.	3.9	35
5	Effect of biofilm colonization on Pb(II) adsorption onto poly(butylene succinate) microplastic during its biodegradation. <i>Science of the Total Environment</i> , 2022, 833, 155251.	3.9	24
6	Remediation of artificially contaminated soil and groundwater with copper using hydroxyapatite/calcium silicate hydrate recovered from phosphorus-rich wastewater. <i>Environmental Pollution</i> , 2021, 272, 115978.	3.7	21
7	Visible-light-driven heterostructured g-C ₃ N ₄ /Bi-TiO ₂ floating photocatalyst with enhanced charge carrier separation for photocatalytic inactivation of <i>Microcystis aeruginosa</i> . <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	39
8	Hydrous manganese dioxide modified poly(sodium acrylate) hydrogel composite as a novel adsorbent for enhanced removal of tetracycline and lead from water. <i>Chemosphere</i> , 2021, 272, 129902.	4.2	27
9	Efficient elimination of the pollutants in eutrophicated water with carbon strengthened expanded graphite based photocatalysts: Unveiling the synergistic role of metal sites. <i>Journal of Hazardous Materials</i> , 2021, 416, 125729.	6.5	4
10	Enhanced removal of oxytetracycline antibiotics from water using manganese dioxide impregnated hydrogel composite: Adsorption behavior and oxidative degradation pathways. <i>Chemosphere</i> , 2021, 280, 130926.	4.2	38
11	Effects of coexistence of tetracycline, copper and microplastics on the fate of antibiotic resistance genes in manured soil. <i>Science of the Total Environment</i> , 2021, 790, 148087.	3.9	47
12	Application of graphene-based materials for removal of tetracyclines using adsorption and photocatalytic-degradation: A review. <i>Journal of Environmental Management</i> , 2020, 276, 111310.	3.8	130
13	Reduction and immobilization of Cr(VI) in aqueous solutions by blast furnace slag supported sulfidized nanoscale zerovalent iron. <i>Science of the Total Environment</i> , 2020, 743, 140722.	3.9	52
14	Struvite-supported biochar composite effectively lowers Cu bio-availability and the abundance of antibiotic-resistance genes in soil. <i>Science of the Total Environment</i> , 2020, 724, 138294.	3.9	27
15	Application of MgO-modified palygorskite for nutrient recovery from swine wastewater: effect of pH, ions, and organic acids. <i>Environmental Science and Pollution Research</i> , 2019, 26, 19729-19737.	2.7	11
16	Phosphate recovery from wastewater using calcium silicate hydrate (C-S-H): sonochemical synthesis and properties. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 131-139.	1.2	25
17	Effects of struvite-humic acid loaded biochar/bentonite composite amendment on Zn(II) and antibiotic resistance genes in manure-soil. <i>Chemical Engineering Journal</i> , 2019, 375, 122013.	6.6	41
18	In-situ active formation of carbides coated with NP TiO ₂ nanoparticles for efficient adsorption-photocatalytic inactivation of harmful algae in eutrophic water. <i>Chemosphere</i> , 2019, 228, 351-359.	4.2	31

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19	Simultaneous recovery of phosphate, ammonium and humic acid from wastewater using a biochar supported Mg(OH) ₂ /bentonite composite. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 931-943.	1.2	40
20	Sustainable utilization of a recovered struvite/diatomite compound for lead immobilization in contaminated soil: potential, mechanism, efficiency, and risk assessment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4890-4900.	2.7	7
21	Low-temperature preparation of a N-TiO ₂ /macroporous resin photocatalyst to degrade organic pollutants. <i>Environmental Chemistry Letters</i> , 2019, 17, 1061-1066.	8.3	20
22	Comparison of palygorskite and struvite supported palygorskite derived from phosphate recovery in wastewater for in-situ immobilization of Cu, Pb and Cd in contaminated soil. <i>Journal of Hazardous Materials</i> , 2018, 346, 273-284.	6.5	34
23	Surface modified TiO ₂ floating photocatalyst with PDDA for efficient adsorption and photocatalytic inactivation of <i>Microcystis aeruginosa</i> . <i>Water Research</i> , 2018, 131, 320-333.	5.3	85
24	High zinc removal from water and soil using struvite-supported diatomite obtained by nitrogen and phosphate recovery from wastewater. <i>Environmental Chemistry Letters</i> , 2018, 16, 569-573.	8.3	8
25	Removal of cadmium (II) from aqueous solution: A comparative study of raw attapulgite clay and a reusable waste struvite/attapulgite obtained from nutrient-rich wastewater. <i>Journal of Hazardous Materials</i> , 2017, 329, 66-76.	6.5	154
26	Syntheses and photocatalytic performances of four coordination complexes constructed from 1,10-phenanthroline and polycarboxylic acids. <i>Transition Metal Chemistry</i> , 2017, 42, 181-191.	0.7	4
27	Efficient visible light-driven in situ photocatalytic destruction of harmful alga by worm-like N,P co-doped TiO ₂ /expanded graphite carbon layer (NPT-EGC) floating composites. <i>Catalysis Science and Technology</i> , 2017, 7, 2335-2346.	2.1	36
28	Synthesis and Characterization of MgO Modified Diatomite for Phosphorus Recovery in Eutrophic Water. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 226-235.	1.0	36
29	Enhanced sunlight photocatalytic activity and recycled Ag-N co-doped TiO ₂ supported by expanded graphite C/C composites for degradation of organic pollutants. <i>Research on Chemical Intermediates</i> , 2016, 42, 5541-5557.	1.3	11
30	Preparation, characterization, and photocatalytic activity evaluation of Fe-N-codoped TiO ₂ /fly ash cenospheres floating photocatalyst. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22793-22802.	2.7	21
31	Insight into visible light-driven photocatalytic degradation of diesel oil by doped TiO ₂ -PS floating composites. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18145-18153.	2.7	13
32	Recovery of nutrients from wastewater by a MgCl ₂ modified zeolite and their reuse as an amendment for Cu and Pb immobilization in soil. <i>RSC Advances</i> , 2016, 6, 55809-55818.	1.7	15
33	Bioremediation of marine oil pollution by <i>Brevundimonas diminuta</i> : effect of salinity and nutrients. <i>Desalination and Water Treatment</i> , 2016, 57, 19768-19775.	1.0	32
34	Two Zinc Based Coordination Compounds Constructed from Two Azophenyl Ligands: Syntheses, Crystal Structure, and Photocatalytic Performance. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 276-284.	1.9	6
35	Three coordination compounds of cobalt with organic carboxylic acids and 1,10-phenanthroline as ligands: syntheses, structures and photocatalytic properties. <i>Transition Metal Chemistry</i> , 2015, 40, 573-584.	0.7	10
36	Enhanced visible light photocatalytic activity of a floating photocatalyst based on Ba-N-codoped TiO ₂ grafted on expanded perlite. <i>RSC Advances</i> , 2015, 5, 41385-41392.	1.7	38

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37	Floating photocatalysts based on loading Bi/N-doped TiO ₂ on expanded graphite C/C (EGC) composites for the visible light degradation of diesel. RSC Advances, 2015, 5, 71922-71931.	1.7	33
38	Photocatalytic degradation of methylene blue in ZIF-8. RSC Advances, 2014, 4, 54454-54462.	1.7	401
39	Adsorption and photodegradation of humic acid in water by using ZnO coupled TiO ₂ /bamboo charcoal under visible light irradiation. Journal of Hazardous Materials, 2013, 262, 16-24.	6.5	86
40	P-benzoquinone-mediated amperometric biosensor developed with Psychrobacter sp. for toxicity testing of heavy metals. Biosensors and Bioelectronics, 2013, 41, 557-562.	5.3	57
41	Cr(VI) removal from aqueous solution with bamboo charcoal chemically modified by iron and cobalt with the assistance of microwave. Journal of Environmental Sciences, 2013, 25, 1726-1735.	3.2	50
42	Reduction of hexavalent chromium with scrap iron in a fixed bed reactor. Frontiers of Environmental Science and Engineering, 2012, 6, 761-769.	3.3	6
43	Effect of Initial Nitrate Concentrations and Heavy Metals on Autohydrogenotrophic Denitrification. , 2009, , .		3
44	Biosorption of Direct Black 38 by dried anaerobic granular sludge. Frontiers of Environmental Science and Engineering in China, 2008, 2, 198-202.	0.8	2
45	Changes of Cu, Zn, and Ni chemical speciation in sewage sludge co-composted with sodium sulfide and lime. Journal of Environmental Sciences, 2008, 20, 156-160.	3.2	48