

Wei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,315
citations

471509

17
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1738
citing authors

#	ARTICLE	IF	CITATIONS
1	A mesoporous cationic thorium-organic framework that rapidly traps anionic persistent organic pollutants. <i>Nature Communications</i> , 2017, 8, 1354.	12.8	296
2	Hydrothermal Synthesis of FeS ₂ as a High-Efficiency Fenton Reagent to Degrade Alachlor via Superoxide-Mediated Fe(II)/Fe(III) Cycle. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28534-28544.	8.0	193
3	Design of a neutral three-dimensional electro-Fenton system with foam nickel as particle electrodes for wastewater treatment. <i>Journal of Hazardous Materials</i> , 2012, 243, 257-264.	12.4	148
4	Insight into pH dependent Cr(VI) removal with magnetic Fe ₃ S ₄ . <i>Chemical Engineering Journal</i> , 2019, 359, 564-571.	12.7	133
5	Mechanism of Cr(VI) removal by magnetic greigite/biochar composites. <i>Science of the Total Environment</i> , 2020, 700, 134414.	8.0	106
6	Adsorption and reduction of roxarsone on magnetic greigite (Fe ₃ S ₄): Indispensable role of structural sulfide. <i>Chemical Engineering Journal</i> , 2017, 330, 1232-1239.	12.7	57
7	Magnetic effervescent tablet-assisted ionic liquid-based dispersive liquid-liquid microextraction of polybrominated diphenyl ethers in liquid matrix samples. <i>Talanta</i> , 2019, 195, 785-795.	5.5	49
8	Sulfur vacancy promoted peroxidase-like activity of magnetic greigite (Fe ₃ S ₄) for colorimetric detection of serum glucose. <i>Analytica Chimica Acta</i> , 2020, 1127, 246-255.	5.4	49
9	Core-shell magnetic covalent organic framework nanocomposites as an adsorbent for effervescent reaction-enhanced microextraction of endocrine disruptors in liquid matrices. <i>Chemical Engineering Journal</i> , 2020, 396, 125191.	12.7	37
10	Ferrous ions promoted aerobic simazine degradation with Fe@Fe ₂ O ₃ core-shell nanowires. <i>Applied Catalysis B: Environmental</i> , 2014, 150-151, 1-11.	20.2	35
11	Magnetic effervescent tablets containing ionic liquids as a non-conventional extraction and dispersive agent for determination of pyrethroids in milk. <i>Food Chemistry</i> , 2018, 268, 468-475.	8.2	31
12	Hydrogen-bonding-induced efficient dispersive solid phase extraction of bisphenols and their derivatives in environmental waters using surface amino-functionalized MIL-101(Fe). <i>Microchemical Journal</i> , 2019, 145, 1151-1161.	4.5	28
13	Mechanisms for hydroxyl radical production and arsenic removal in sulfur-vacancy greigite (Fe ₃ S ₄). <i>Journal of Colloid and Interface Science</i> , 2022, 606, 688-695.	9.4	27
14	Development of an effervescent tablet microextraction method using NiFe ₂ O ₄ -based magnetic nanoparticles for preconcentration/extraction of heavy metals prior to ICP-MS analysis of seafood. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 598-606.	3.0	23
15	In-situ generated H ₂ O ₂ induced efficient visible light photo-electrochemical catalytic oxidation of PCP-Na with TiO ₂ . <i>Journal of Hazardous Materials</i> , 2015, 288, 97-103.	12.4	21
16	Enhanced adsorption/extraction of five typical polycyclic aromatic hydrocarbons from meat samples using magnetic effervescent tablets composed of dicationic ionic liquids and NiFe ₂ O ₄ nanoparticles. <i>Journal of Molecular Liquids</i> , 2020, 315, 113682.	4.9	21
17	Fluorescent assay based on phenyl-modified g-C ₃ N ₄ nanosheets for determination of thiram. <i>Mikrochimica Acta</i> , 2020, 187, 159.	5.0	19
18	Simultaneous removal of Ni(II) and Cr(VI) from aqueous solution by froth flotation using PNIPAM-CS intelligent nano-hydrogels as collector. <i>Journal of Molecular Liquids</i> , 2021, 342, 117551.	4.9	14

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19	A Novel Ionic Liquid of [BeMIM] [Tf2N] for Extracting Pesticides Residues in Tea Sample by Dispersive Liquid-Liquid Microextraction. <i>Chromatographia</i> , 2020, 83, 41-51.	1.3	9
20	Porous Organic Polymers Containing a Sulfur Skeleton for Visible Light Degradation of Organic Dyes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2883-2888.	3.3	8
21	Inhibitory effects of natural organic matter on methyltriclosan photolysis kinetics. <i>RSC Advances</i> , 2018, 8, 21265-21271.	3.6	7
22	Determination of a thiol-based ionic liquid using ultrathin graphitic carbon nitride nanosheets as a nanofluoroprobe. <i>Talanta</i> , 2020, 207, 120291.	5.5	4