

Ming-hua Liu

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,159
citations

361413

20
h-index

395702

33
g-index

47
all docs

47
docs citations

47
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of p-arsanilic acid by an amino-functionalized indium-based metal-organic framework: Adsorption behavior and synergetic mechanism. <i>Chemical Engineering Journal</i> , 2018, 339, 359-368.	12.7	123
2	Rapid elimination of trace bisphenol pollutants with porous β -cyclodextrin modified cellulose nanofibrous membrane in water: adsorption behavior and mechanism. <i>Journal of Hazardous Materials</i> , 2021, 403, 123666.	12.4	102
3	Preparation of <i>Eucommia ulmoides</i> lignin-based high-performance biochar containing sulfonic group: Synergistic pyrolysis mechanism and tetracycline hydrochloride adsorption. <i>Bioresource Technology</i> , 2021, 329, 124856.	9.6	86
4	Fabrication of amino-modified electrospun nanofibrous cellulose membrane and adsorption for typical organoarsenic contaminants: Behavior and mechanism. <i>Chemical Engineering Journal</i> , 2020, 382, 122775.	12.7	64
5	Efficient adsorption of diclofenac sodium in water by a novel functionalized cellulose aerogel. <i>Environmental Research</i> , 2021, 194, 110652.	7.5	55
6	Fabrication of photo-responsive cellulose based intelligent imprinted material and selective adsorption on typical pesticide residue. <i>Chemical Engineering Journal</i> , 2020, 394, 124841.	12.7	43
7	Efficient extraction of trace organochlorine pesticides from environmental samples by a polyacrylonitrile electrospun nanofiber membrane modified with covalent organic framework. <i>Journal of Hazardous Materials</i> , 2022, 424, 127455.	12.4	40
8	Biomimetic Asymmetric Composite Dressing by Electrospinning with Aligned Nanofibrous and Micropatterned Structures for Severe Burn Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32799-32812.	8.0	38
9	Rapid homogeneous preparation of cellulose graft copolymer in BMIMCL under microwave irradiation. <i>Journal of Applied Polymer Science</i> , 2010, 118, 399-404.	2.6	36
10	Lignin-based magnetic activated carbon for p-arsanilic acid removal: Applications and absorption mechanisms. <i>Chemosphere</i> , 2020, 258, 127276.	8.2	36
11	Constructing segregated polystyrene composites for excellent fire resistance and electromagnetic wave shielding. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1193-1204.	9.4	35
12	Lightweight, amphiphilic and fire-resistant rGO/MXene spherical beads for rapid elimination of hazardous chemicals. <i>Journal of Hazardous Materials</i> , 2022, 423, 127069.	12.4	34
13	Surfactant-assisted hydrothermal synthesis of rGO/SnIn ₄ S ₈ nanosheets and their application in complete removal of Cr(VI). <i>RSC Advances</i> , 2018, 8, 5749-5759.	3.6	30
14	Adsorption/Reduction Behaviors of Modified Cellulose Aerogels for the Removal of Low Content of Cr(VI). <i>Journal of Polymers and the Environment</i> , 2020, 28, 2199-2210.	5.0	30
15	Insights into enhanced peroxydisulfate activation with S doped Fe@C catalyst for the rapid degradation of organic pollutants. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 24-34.	9.4	27
16	Rapid removal of Cr(III) from high-salinity wastewater by cellulose-g-poly-(acrylamide-co-sulfonic) Tj ETQq0 0 0 rgBT, Overlock, 10 Tf 50 1	10.2	26
17	Fabrication of lignin-based biochar containing multi-metal ferrite and efficient removal for oxytetracycline hydrochloride. <i>Journal of Cleaner Production</i> , 2022, 331, 129885.	9.3	26
18	Design and Synthesis of TiO ₂ Hollow Spheres with Spatially Separated Dual Cocatalysts for Efficient Photocatalytic Hydrogen Production. <i>Nanomaterials</i> , 2017, 7, 24.	4.1	23

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19	Z-Schemed WO ₃ /rGO/SnIn ₄ S ₈ Sandwich Nanohybrids for Efficient Visible Light Photocatalytic Water Purification. <i>Catalysts</i> , 2019, 9, 187.	3.5	23
20	Mild depolymerization of the sinocalamus oldhami alkali lignin to phenolic monomer with base and activated carbon supported nickel-tungsten carbide catalyst composite system. <i>Bioresource Technology</i> , 2021, 333, 125136.	9.6	23
21	RAFT synthesis of cellulose- <i>g</i> -polymethylmethacrylate copolymer in an ionic liquid. <i>Journal of Applied Polymer Science</i> , 2013, 127, 4840-4849.	2.6	21
22	Lignin-Based Magnetic Nanoparticle Adsorbent for Diclofenac Sodium Removal: Adsorption Behavior and Mechanisms. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3401-3411.	5.0	19
23	Carboxylated cellulose nanocrystals with chiral nematic property from cotton by dicarboxylic acid hydrolysis. <i>Carbohydrate Polymers</i> , 2021, 264, 118039.	10.2	19
24	Remediation of organic arsenic contaminants with heterogeneous Fenton process mediated by SiO ₂ -coated nano zero-valent iron. <i>Environmental Science and Pollution Research</i> , 2020, 27, 12017-12029.	5.3	18
25	Highly efficient and selective removal of low-concentration antibiotics from aqueous solution by regenerable Mg(OH) ₂ . <i>Journal of Environmental Sciences</i> , 2020, 87, 228-237.	6.1	17
26	Thermal Transition of Bimetallic Metal-Phenolic Networks to Biomass-Derived Hierarchically Porous Nanofibers. <i>Chemistry - an Asian Journal</i> , 2018, 13, 972-976.	3.3	16
27	Insight into the performance of lignin-containing cellulose nanofibers (LCNFs) via lignin content regulation by p-toluenesulfonic acid delignification. <i>Cellulose</i> , 2022, 29, 2273-2287.	4.9	15
28	Rapid degradation of p-arsanilic acid and simultaneous removal of the released arsenic species by Co-Fe@C activated peroxydisulfate process. <i>Environmental Research</i> , 2022, 207, 112184.	7.5	12
29	Preparation of amino-modified cellulose aerogels and adsorption on typical diclofenac sodium contaminant. <i>Environmental Science and Pollution Research</i> , 2022, 29, 19790-19802.	5.3	11
30	Functionalization of chitosan via single electron transfer living radical polymerization in an ionic liquid and its antimicrobial activity. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	10
31	A Study on the Improvement of Using Raw Lacquer and Electrospinning on Properties of PVP Nanofilms. <i>Nanomaterials</i> , 2020, 10, 1723.	4.1	10
32	High-resolution particle size and shape analysis of the first Samarium nanoparticles biosynthesized from aqueous solutions via cyanobacteria <i>Anabaena cylindrica</i> . <i>NanoImpact</i> , 2022, 26, 100398.	4.5	10
33	Induced assembly of polystyrene composites for simultaneously improving flame retardant and electromagnetic shielding properties. <i>Polymers for Advanced Technologies</i> , 2021, 32, 4251-4262.	3.2	9
34	Adsorption behavior of gardenia yellow pigment on embedded spherical cellulose adsorbent. <i>RSC Advances</i> , 2021, 11, 4407-4416.	3.6	9
35	Insights into efficient adsorption of the typical pharmaceutical pollutant with an amphiphilic cellulose aerogel. <i>Chemosphere</i> , 2022, 291, 132978.	8.2	9
36	Selective catalytic degradation of a lignin model compound into phenol over transition metal sulfates. <i>RSC Advances</i> , 2020, 10, 3013-3019.	3.6	8

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37	Removal behavior and mechanism of silver from low concentration wastewater using cellulose aerogel modified by thiosemicarbazide. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51226.	2.6	8
38	Selective Hydrodeoxygenation of Lignin and Its Derivatives without Initial Reaction Pressure Using MOF-Derived Carbon-Supported Nickel Composites. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5430-5440.	6.7	8
39	Assembly of SPS/MgSi assisted by dopamine with excellent removal performance for ciprofloxacin. <i>Journal of Environmental Sciences</i> , 2020, 94, 111-118.	6.1	6
40	Preparation of cationic fluorinated acrylate copolymer latex and its application on cotton fabric. <i>Journal of Coatings Technology Research</i> , 2020, 17, 875-885.	2.5	6
41	Preparation of Nanoscale Urushiol/PAN Films to Evaluate Their Acid Resistance and Protection of Functional PVP Films. <i>Nanomaterials</i> , 2021, 11, 957.	4.1	6
42	Preparation of hyperbranched polyester photoresists for miniaturized optics. <i>Journal of Applied Polymer Science</i> , 2004, 92, 1259-1263.	2.6	3
43	Preparation of a Novel Cellulose-Styrene Copolymer Adsorbent and Its Adsorption of Nitrobenzene from Aqueous Solutions. <i>Polymers</i> , 2021, 13, 609.	4.5	3
44	One-Pot Hydrothermal Synthesis, Characterization, and Desulfurization Performance of ZnFe ₂ O ₄ /AC Composites. <i>Journal of Nanotechnology</i> , 2018, 2018, 1-10.	3.4	2
45	Selective Mineralization and Recovery of Au(III) from Multi-Ionic Aqueous Systems by <i>Bacillus licheniformis</i> FZUL-63. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 392.	2.0	2
46	Microwave-assisted depolymerization of lignin with synergic alkali catalysts and a transition metal catalyst in the aqueous system. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 1750-1761.	3.7	2
47	Macromol. Rapid Commun. 20/2015. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1798-1798.	3.9	0