Ming-hua Liu

List of Publications by Year
in descending order

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	Constructing segregated polystyrene composites for excellent fire resistance and electromagnetic wave shielding. Journal of Colloid and Interface Science, 2022, 606, 1193-1204.	9.4	35
2	Lightweight, amphipathic and fire-resistant prGO/MXene spherical beads for rapid elimination of hazardous chemicals. Journal of Hazardous Materials, 2022, 423, 127069.	12.4	34
3	Rapid degradation of p-arsanilic acid and simultaneous removal of the released arsenic species by Coâ€“Fe@C activated peroxydisulfate process. Environmental Research, 2022, 207, 112184.	7.5	12
4	Preparation of amino-modified cellulose aerogels and adsorption on typical diclofenac sodium contaminant. Environmental Science and Pollution Research, 2022, 29, 19790-19802.	5.3	11
5	Efficient extraction of trace organochlorine pesticides from environmental samples by a polyacrylonitrile electrospun nanofiber membrane modified with covalent organic framework. Journal of Hazardous Materials, 2022, 424, 127455.	12.4	40
6	Fabrication of lignin-based biochar containing multi-metal ferrite and efficient removal for oxytetracycline hydrochloride. Journal of Cleaner Production, 2022, 331, 129885.	9.3	26
7	Insights into efficient adsorption of the typical pharmaceutical pollutant with an amphiphilic cellulose aerogel. Chemosphere, 2022, 291, 132978.	8.2	9
8	Insights into enhanced peroxydisulfate activation with S doped Fe@C catalyst for the rapid degradation of organic pollutants. Journal of Colloid and Interface Science, 2022, 610, 24-34.	9.4	27
9	Insight into the performance of lignin-containing cellulose nanofibers (LCNFs) via lignin content regulation by p-toluenesulfonic acid delignification. Cellulose, 2022, 29, 2273-2287.	4.9	15
10	High-resolution particle size and shape analysis of the first Samarium nanoparticles biosynthesized from aqueous solutions via cyanobacteria Anabaena cylindrica. NanoImpact, 2022, 26, 100398.	4.5	10
11	Selective Hydrodeoxygenation of Lignin and Its Derivatives without Initial Reaction Pressure Using MOF-Derived Carbon-Supported Nickel Composites. ACS Sustainable Chemistry and Engineering, 2022, 10, 5430-5440.	6.7	8
12	Microwave-assisted depolymerization of lignin with synergic alkali catalysts and a transition metal catalyst in the aqueous system. Reaction Chemistry and Engineering, 2022, 7, 1750-1761.	3.7	2
13	Biomimetic Asymmetric Composite Dressing by Electrospinning with Aligned Nanofibrous and Micropatterned Structures for Severe Burn Wound Healing. ACS Applied Materials & Interfaces, 2022, 14, 32799-32812.	8.0	38
14	Rapid elimination of trace bisphenol pollutants with porous Î²-cyclodextrin modified cellulose nanofibrous membrane in water: adsorption behavior and mechanism. Journal of Hazardous Materials, 2021, 403, 123666.	12.4	102
15	Preparation of a Novel Celluloseâ€“Styrene Copolymer Adsorbent and Its Adsorption of Nitrobenzene from Aqueous Solutions. Polymers, 2021, 13, 609.	4.5	3
16	Lignin-Based Magnetic Nanoparticle Adsorbent for Diclofenac Sodium Removal: Adsorption Behavior and Mechanisms. Journal of Polymers and the Environment, 2021, 29, 3401-3411.	5.0	19
17	Efficient adsorption of diclofenac sodium in water by a novel functionalized cellulose aerogel. Environmental Research, 2021, 194, 110652.	7.5	55
18	Preparation of Nanoscale Urushiol/PAN Films to Evaluate Their Acid Resistance and Protection of Functional PVP Films. Nanomaterials, 2021, 11, 957.	4.1	6

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19	Induced assembly of polystyrene composites for simultaneously improving flame retardant and electromagnetic shielding properties. Polymers for Advanced Technologies, 2021, 32, 4251-4262.	3.2	9
20	Preparation of Eucommia ulmoides lignin-based high-performance biochar containing sulfonic group: Synergistic pyrolysis mechanism and tetracycline hydrochloride adsorption. Bioresource Technology, 2021, 329, 124856.	9.6	86
21	Removal behavior and mechanism of silver from low concentration wastewater using cellulose aerogel modified by thiosemicarbazide. Journal of Applied Polymer Science, 2021, 138, 51226.	2.6	8
22	Carboxylated cellulose nanocrystals with chiral nematic property from cotton by dicarboxylic acid hydrolysis. Carbohydrate Polymers, 2021, 264, 118039.	10.2	19
23	Mild depolymerization of the sinocalamus oldhami alkali lignin to phenolic monomer with base and activated carbon supported nickel-tungsten carbide catalyst composite system. Bioresource Technology, 2021, 333, 125136.	9.6	23
24	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 5	10.2	26
25	Adsorption behavior of gardenia yellow pigment on embedded spherical cellulose adsorbent. RSC Advances, 2021, 11, 4407-4416.	3.6	9
26	Fabrication of amino-modified electrospun nanofibrous cellulose membrane and adsorption for typical organoarsenic contaminants: Behavior and mechanism. Chemical Engineering Journal, 2020, 382, 122775.	12.7	64
27	Highly efficient and selective removal of low-concentration antibiotics from aqueous solution by regenerable Mg(OH)2. Journal of Environmental Sciences, 2020, 87, 228-237.	6.1	17
28	Assembly of SPS/MgSi assisted by dopamine with excellent removal performance for ciprofloxacin. Journal of Environmental Sciences, 2020, 94, 111-118.	6.1	6
29	A Study on the Improvement of Using Raw Lacquer and Electrospinning on Properties of PVP Nanofilms. Nanomaterials, 2020, 10, 1723.	4.1	10
30	Lignin-based magnetic activated carbon for p-arsanilic acid removal: Applications and absorption mechanisms. Chemosphere, 2020, 258, 127276.	8.2	36
31	Adsorption/Reduction Behaviors of Modified Cellulose Aerogels for the Removal of Low Content of Cr(VI). Journal of Polymers and the Environment, 2020, 28, 2199-2210.	5.0	30
32	Preparation of cationic fluorinated acrylate copolymer latex and its application on cotton fabric. Journal of Coatings Technology Research, 2020, 17, 875-885.	2.5	6
33	Remediation of organic arsenic contaminants with heterogeneous Fenton process mediated by SiO2-coated nano zero-valent iron. Environmental Science and Pollution Research, 2020, 27, 12017-12029.	5.3	18
34	Selective catalytic degradation of a lignin model compound into phenol over transition metal sulfates. RSC Advances, 2020, 10, 3013-3019.	3.6	8
35	Fabrication of photo-responsive cellulose based intelligent imprinted material and selective adsorption on typical pesticide residue. Chemical Engineering Journal, 2020, 394, 124841.	12.7	43
36	Selective Mineralization and Recovery of Au(III) from Multi-Ionic Aqueous Systems by Bacillus licheniformis FZUL-63. Minerals (Basel, Switzerland), 2019, 9, 392.	2.0	2

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37	Z-Schemed WO3/rGO/SnIn4S8 Sandwich Nanohybrids for Efficient Visible Light Photocatalytic Water Purification. Catalysts, 2019, 9, 187.	3.5	23
38	Thermal Transition of Bimetallic Metalâ€“Phenolic Networks to Biomassâ€Derived Hierarchically Porous Nanofibers. Chemistry - an Asian Journal, 2018, 13, 972-976.	3.3	16
39	Surfactant-assisted hydrothermal synthesis of rGO/SnIn₄S₈ nanosheets and their application in complete removal of Cr(<scp>vi</scp>). RSC Advances, 2018, 8, 5749-5759.	3.6	30
40	Removal of p-arsanilic acid by an amino-functionalized indium-based metalâ€“organic framework: Adsorption behavior and synergetic mechanism. Chemical Engineering Journal, 2018, 339, 359-368.	12.7	123
41	One-Pot Hydrothermal Synthesis, Characterization, and Desulfurization Performance of ZnFe2O4/AC Composites. Journal of Nanotechnology, 2018, 2018, 1-10.	3.4	2
42	Design and Synthesis of TiO2 Hollow Spheres with Spatially Separated Dual Cocatalysts for Efficient Photocatalytic Hydrogen Production. Nanomaterials, 2017, 7, 24.	4.1	23
43	Functionalization of chitosan via single electron transfer living radical polymerization in an ionic liquid and its antimicrobial activity. Journal of Applied Polymer Science, 2015, 132, .	2.6	10
44	Macromol. Rapid Commun. 20/2015. Macromolecular Rapid Communications, 2015, 36, 1798-1798.	3.9	0
45	RAFT synthesis of celluloseâ€gâ€polymethylmethacrylate copolymer in an ionic liquid. Journal of Applied Polymer Science, 2013, 127, 4840-4849.	2.6	21
46	Rapid homogeneous preparation of cellulose graft copolymer in BMIMCL under microwave irradiation. Journal of Applied Polymer Science, 2010, 118, 399-404.	2.6	36
47	Preparation of hyperbranched polyester photoresists for miniaturized optics. Journal of Applied Polymer Science, 2004, 92, 1259-1263.	2.6	3