

Beili Lu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

966
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1233
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural skin-inspired versatile cellulose biomimetic hydrogels. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26442-26455.	10.3	236
2	One-Pot Assembly of Microfibrillated Cellulose Reinforced PVA-Borax Hydrogels with Self-Healing and pH-Responsive Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 948-956.	6.7	188
3	A bioinspired hydrogen bond crosslink strategy toward toughening ultrastrong and multifunctional nanocomposite hydrogels. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4002-4015.	5.8	88
4	In situ polymerization approach to cellulose-polyacrylamide interpenetrating network hydrogel with high strength and pH-responsive properties. <i>Cellulose</i> , 2019, 26, 1825-1839.	4.9	58
5	Smart cellulose-derived magnetic hydrogel with rapid swelling and deswelling properties for remotely controlled drug release. <i>Cellulose</i> , 2019, 26, 6861-6877.	4.9	54
6	Microfibrillated cellulose enhancement to mechanical and conductive properties of biocompatible hydrogels. <i>Carbohydrate Polymers</i> , 2019, 205, 244-254.	10.2	42
7	One-Pot Assembly of Fused Heterocycles via Oxidative Palladium-Catalyzed Cyclization of Aryls and Iodoarenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 353-357.	4.3	36
8	Microwave-assisted facile synthesis of TEMPO-oxidized cellulose beads with high adsorption capacity for organic dyes. <i>Cellulose</i> , 2017, 24, 5025-5040.	4.9	35
9	Removal of bisphenol A from aqueous solution via host-guest interactions based on beta-cyclodextrin grafted cellulose bead. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 1-9.	7.5	34
10	Halogen-Bond-Promoted $\text{I}^{\delta-}\text{C}^{\delta+}\text{H}$ Amination of Ethers for the Synthesis of Hemiaminal Ethers. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1761-1767.	4.3	30
11	Development of organic-inorganic hybrid beads from sepiolite and cellulose for effective adsorption of malachite green. <i>RSC Advances</i> , 2017, 7, 38965-38972.	3.6	27
12	Polydopamine-coated cellulose nanocrystal as functional filler to fabricate nanocomposite hydrogel with controllable performance in response to near-infrared light. <i>Cellulose</i> , 2021, 28, 2255-2271.	4.9	23
13	$\text{Bi}(\text{OTf})_3$ -catalyzed C-H bond functionalization of azaarenes for the facile access to oxindoles featuring quaternary carbon centers. <i>RSC Advances</i> , 2015, 5, 8285-8288.	3.6	20
14	Controlled Construction of Nanostructured Organic-Inorganic Hybrid Material Induced by Nanocellulose. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8456-8463.	6.7	19
15	One-pot mechanochemical assembly of lignocellulose nanofiber/graphite nanocomposites for wearable electronic devices. <i>Chemical Engineering Journal</i> , 2022, 437, 135286.	12.7	18
16	Fabrication of P-Doped Porous Carbon Catalysts, with Inherent N Functionality, from Waste Peanut Shells and Their Application in the Metal-Free Aerobic Oxidation of Alcohols. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 911-922.	6.7	16
17	Robust and lightweight biofoam based on cellulose nanofibrils for high-efficient methylene blue adsorption. <i>Cellulose</i> , 2021, 28, 273-288.	4.9	15
18	Fabrication of quartz crystal microbalance humidity sensors based on super-hydrophilic cellulose nanocrystals. <i>Cellulose</i> , 2021, 28, 3409-3421.	4.9	15

#	ARTICLE	IF	CITATIONS
19	Multi-Functional Edible Film with Excellent UV Barrier Performance and Accurate Instant Ion Printing Capability. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000043.	5.3	8
20	Synthesis of Fused Heterocycles via One-pot Oxidative Arylation, Pd-Catalyzed C(sp ³)-H Arylation. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3299-3303.	4.3	4