

# Beili Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6203321/publications.pdf>

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	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
2	One-pot mechanochemical assembly of lignocellulose nanofiber/graphite nanocomposites for wearable electronic devices. <i>Chemical Engineering Journal</i> , 2022, 437, 135286.	12.7	18
3	Robust and lightweight biofoam based on cellulose nanofibrils for high-efficient methylene blue adsorption. <i>Cellulose</i> , 2021, 28, 273-288.	4.9	15
4	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
5	Fabrication of quartz crystal microbalance humidity sensors based on super-hydrophilic cellulose nanocrystals. <i>Cellulose</i> , 2021, 28, 3409-3421.	4.9	15
6	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
7	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
8	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
9	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
10	Natural skin-inspired versatile cellulose biomimetic hydrogels. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26442-26455.	10.3	236
11	Microfibrillated cellulose enhancement to mechanical and conductive properties of biocompatible hydrogels. <i>Carbohydrate Polymers</i> , 2019, 205, 244-254.	10.2	42
12	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
13	Halogen-Bond-Promoted $\text{C}^{\text{H}}$ Amination of Ethers for the Synthesis of Hemiaminal Ethers. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1761-1767.	4.3	30
14	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
15	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
16	Synthesis of Fused Heterocycles via One-pot Oxidative Arylation, Pd-Catalyzed $\text{C}(\text{sp}^3)\text{-H}$ Arylation. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3299-3303.	4.3	4
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	One-Pot Assembly of Fused Heterocycles <i>via</i> Oxidative Palladium-Catalyzed Cyclization of Aryls and Iodoarenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 353-357.	4.3	36
20	Bi(OTf) <sub>3</sub> -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