Xiaojuan Lei

List of Publications by Year
in descending order

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9 papers	819 citations	1040056 9 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	1179 citing authors

#	Article	IF	Citations
1	Removal of Heavy Metal Ions from Water by Magnetic Cellulose-Based Beads with Embedded Chemically Modified Magnetite Nanoparticles and Activated Carbon. ACS Sustainable Chemistry and Engineering, 2016, 4, 3960-3969.	6.7	179
2	Ultrahigh Tough, Super Clear, and Highly Anisotropic Nanofiber-Structured Regenerated Cellulose Films. ACS Nano, 2019, 13, 4843-4853.	14.6	174
3	Robust Anisotropic Cellulose Hydrogels Fabricated via Strong Self-aggregation Forces for Cardiomyocytes Unidirectional Growth. Chemistry of Materials, 2018, 30, 5175-5183.	6.7	137
4	UV-induced self-cleanable TiO2/nanocellulose membrane for selective separation of oil/water emulsion. Carbohydrate Polymers, 2018, 201, 464-470.	10.2	91
5	Highly Efficient and Environmentally Friendly Fabrication of Robust, Programmable, and Biocompatible Anisotropic, Allâ€Cellulose, Wrinkleâ€Patterned Hydrogels for Cell Alignment. Advanced Materials, 2019, 31, e1904762.	21.0	83
6	Adsorptive removal of Lead from water by the effective and reusable magnetic cellulose nanocomposite beads entrapping activated bentonite. Carbohydrate Polymers, 2016, 151, 640-648.	10.2	68
7	Customizable Multidimensional Self-Wrinkling Structure Constructed via Modulus Gradient in Chitosan Hydrogels. Chemistry of Materials, 2019, 31, 10032-10039.	6.7	55
8	Facile Design of Green Engineered Cellulose/Metal Hybrid Macrogels for Efficient Trace Phosphate Removal. Industrial & Engineering Chemistry Research, 2017, 56, 7525-7533.	3.7	20
9	Coagulation mechanism of cellulose/metal nanohybrids through a simple one-step process and their interaction with Cr (VI). International Journal of Biological Macromolecules, 2020, 142, 404-411.	7.5	12