

Xiaojuan Lei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4663071/publications.pdf>

Version: 2024-02-01

9
papers

819
citations

1170033
9
h-index

1637695
9
g-index

9
all docs

9
docs citations

9
times ranked

1333
citing authors

#	ARTICLE	IF	CITATIONS
1	Coagulation mechanism of cellulose/metal nanohybrids through a simple one-step process and their interaction with Cr (VI). <i>International Journal of Biological Macromolecules</i> , 2020, 142, 404-411.	3.6	12
2	Customizable Multidimensional Self-Wrinkling Structure Constructed via Modulus Gradient in Chitosan Hydrogels. <i>Chemistry of Materials</i> , 2019, 31, 10032-10039.	3.2	55
3	Highly Efficient and Environmentally Friendly Fabrication of Robust, Programmable, and Biocompatible Anisotropic, All-cellulose, Wrinkle-patterned Hydrogels for Cell Alignment. <i>Advanced Materials</i> , 2019, 31, e1904762.	11.1	83
4	Ultrahigh Tough, Super Clear, and Highly Anisotropic Nanofiber-Structured Regenerated Cellulose Films. <i>ACS Nano</i> , 2019, 13, 4843-4853.	7.3	174
5	Robust Anisotropic Cellulose Hydrogels Fabricated via Strong Self-aggregation Forces for Cardiomyocytes Unidirectional Growth. <i>Chemistry of Materials</i> , 2018, 30, 5175-5183.	3.2	137
6	UV-induced self-cleanable TiO ₂ /nanocellulose membrane for selective separation of oil/water emulsion. <i>Carbohydrate Polymers</i> , 2018, 201, 464-470.	5.1	91
7	Facile Design of Green Engineered Cellulose/Metal Hybrid Macro gels for Efficient Trace Phosphate Removal. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7525-7533.	1.8	20
8	Removal of Heavy Metal Ions from Water by Magnetic Cellulose-Based Beads with Embedded Chemically Modified Magnetite Nanoparticles and Activated Carbon. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 3960-3969.	3.2	179
9	Adsorptive removal of Lead from water by the effective and reusable magnetic cellulose nanocomposite beads entrapping activated bentonite. <i>Carbohydrate Polymers</i> , 2016, 151, 640-648.	5.1	68