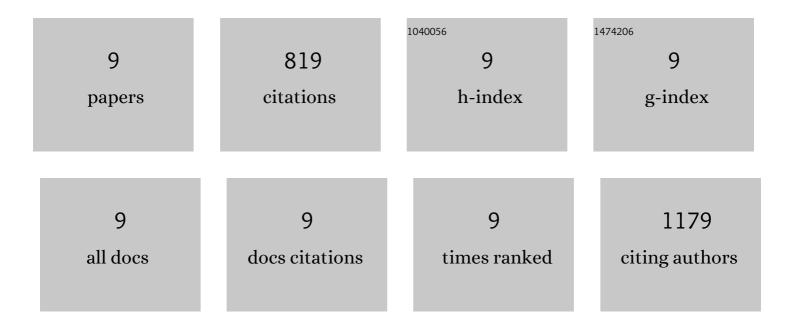
Xiaojuan Lei

List of Publications by Year in descending order

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| # | 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 |