Jinlong Wang

List of Publications by Year
in descending order

9 papers	402 citations	1307594 7 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	61 citing authors

#	Article	IF	Citations
1	Stretchable Triboelectric Selfâ€Powered Sweat Sensor Fabricated from Selfâ€Healing Nanocellulose Hydrogels. Advanced Functional Materials, 2022, 32, .	14.9	171
2	Bioinspired asymmetric amphiphilic surface for triboelectric enhanced efficient water harvesting. Nature Communications, 2022, 13, .	12.8	116
3	Enabled cellulose nanopaper with outstanding water stability and wet strength via activated residual lignin as a reinforcement. Green Chemistry, 2021, 23, 10062-10070.	9.0	32
4	Preparation of Cellulose Nanofibers from Bagasse by Phosphoric Acid and Hydrogen Peroxide Enables Fibrillation via a Swelling, Hydrolysis, and Oxidation Cooperative Mechanism. Nanomaterials, 2020, 10, 2227.	4.1	24
5	Ligninâ€“carbohydrate complexes, their fractionation, and application to healthcare materials: A review. International Journal of Biological Macromolecules, 2022, 203, 29-39.	7.5	16
6	Residual-lignin-endowed molded pulp lunchbox with a sustained wet support strength. Industrial Crops and Products, 2021, 170, 113756.	5.2	15
7	Direct Preparation of Cellulose Nanofibers from Bamboo by Nitric Acid and Hydrogen Peroxide Enables Fibrillation via a Cooperative Mechanism. Nanomaterials, 2020, 10, 943.	4.1	14
8	Nanocellulose Hybrid Lignin Complex Reinforces Cellulose to Form a Strong, Water-Stable Ligninâ€“Cellulose Composite Usable as a Plastic Replacement. Nanomaterials, 2021, 11, 3426.	4.1	8
9	Cellulose nanofibrils with a three-dimensional interpenetrating network structure for recycled paper enhancement. Cellulose, 2022, 29, 3773-3785.	4.9	6