Chen Su

List of Publications by Year
in descending order

13 papers	522 citations	840776 11 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	781 citing authors

#	Article	IF	Citations
1	Acid hydrotropic fractionation of switchgrass at atmospheric pressure using maleic acid in comparison with p-TsOH: Advantages of lignin esterification. Industrial Crops and Products, 2021, 159, 113017.	5.2	39
2	Efficient isolation of organosolv lignin-carbohydrate complexes (LCC) with high antioxidative activity via introducing LiCl/DMSO dissolving. International Journal of Biological Macromolecules, 2021, 181, 752-761.	7.5	12
3	Maleic acid hydrotropic fractionation of wheat straw to facilitate valueâ€added multiâ€product biorefinery at atmospheric pressure. GCB Bioenergy, 2021, 13, 1407-1424.	5.6	10
4	Enhancement of the antioxidant abilities of lignin and lignin-carbohydrate complex from wheat straw by moderate depolymerization via LiCl/DMSO solvent catalysis. International Journal of Biological Macromolecules, 2021, 184, 369-379.	7.5	18
5	UV-mediated synthesis of carboxymethyl cellulose/poly-N-isopropylacrylamide composite hydrogels with triple stimuli-responsive swelling performances. International Journal of Biological Macromolecules, 2020, 161, 1140-1148.	7.5	18
6	Structural characterization and antioxidant activity of water-soluble lignin-carbohydrate complexes (LCCs) isolated from wheat straw. International Journal of Biological Macromolecules, 2020, 161, 315-324.	7.5	23
7	Antibacterial activity and long-term stable antibacterial performance of nisin grafted magnetic GO nanohybrids. Materials Science and Engineering C, 2020, 111, 110809.	7.3	12
8	Facile Construction of Functionalized GO Nanocomposites with Enhanced Antibacterial Activity. Nanomaterials, 2019, 9, 913.	4.1	10
9	Development of gelatin/bacterial cellulose composite sponges as potential natural wound dressings. International Journal of Biological Macromolecules, 2019, 133, 148-155.	7.5	82
10	Facile and Green Preparation of Pectin/Cellulose Composite Films with Enhanced Antibacterial and Antioxidant Behaviors. Polymers, 2019, 11, 57.	4.5	22
11	Flexible Amoxicillin-Grafted Bacterial Cellulose Sponges for Wound Dressing: In Vitro and in Vivo Evaluation. ACS Applied Materials & Interfaces, 2018, 10, 5862-5870.	8.0	187
12	Morphological, Release and Antibacterial Performances of Amoxicillin-Loaded Cellulose Aerogels. Molecules, 2018, 23, 2082.	3.8	24
13	Green and Facile Preparation of Chitosan Sponges as Potential Wound Dressings. ACS Sustainable Chemistry and Engineering, 2018, 6, 9145-9152.	6.7	65