Lihuan Mo

List of Publications by Year
in descending order

16 papers	770 citations	840776 11 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	954 citing authors

#	Article	IF	Citations
1	Facile and sustainable modification for improving the adsorption ability of sugarcane bagasse towards cationic organic pollutants. Biomass Conversion and Biorefinery, 2024, 14, 4055-4070.	4.6	4
2	Efficient Shaping of Cellulose Nanocrystals Based on Allomorphic Modification: Understanding the Correlation between Morphology and Allomorphs. Biomacromolecules, 2022, 23, 687-698.	5.4	1
3	Synthesis of a robust, water-stable, and biodegradable pulp foam by poly-lactic acid coating towards a zero-plastic earth. Environmental Pollution, 2022, 306, 119450.	7.5	1
4	Residual lignin in cellulose nanofibrils enhances the interfacial stabilization of Pickering emulsions. Carbohydrate Polymers, 2021, 253, 117223.	10.2	48
5	Stabilization of Pickering emulsions with cellulose nanofibers derived from oil palm fruit bunch. Cellulose, 2020, 27, 839-851.	4.9	35
6	Effect of turbulence generator structures to the performance of medium-consistency pump at high rotation speed excesses 2000â€‰rpm. Nordic Pulp and Paper Research Journal, 2020, 35, 50-60.	0.7	0
7	Cellulose II nanocrystal: a promising bio-template for porous or hollow nano SiO2 fabrication. Cellulose, 2020, 27, 3167-3179.	4.9	15
8	Antibacterial Performance of a Mussel-Inspired Polydopamine-Treated Ag/Graphene Nanocomposite Material. Materials, 2019, 12, 3360.	2.9	14
9	A comparative study on the preparation and characterization of cellulose nanocrystals with various polymorphs. Carbohydrate Polymers, 2018, 195, 18-28.	10.2	58
10	Cellulose nanocrystals (CNCs) with different crystalline allomorph for oil in water Pickering emulsions. Carbohydrate Polymers, 2018, 183, 303-310.	10.2	154
11	Bio-based polyurethane foam preparation employing lignin from corn stalk enzymatic hydrolysis residues. RSC Advances, 2018, 8, 15754-15761.	3.6	30
12	Preparation, characterization and acetylation of cellulose nanocrystal allomorphs. Cellulose, 2018, 25, 4905-4918.	4.9	53
13	Research on cellulose nanocrystals produced from cellulose sources with various polymorphs. RSC Advances, 2017, 7, 33486-33493.	3.6	322
14	Removal of tungsten from electroplating wastewater by acid- and heat-treated sepiolite. Desalination and Water Treatment, 2015, 56, 232-238.	1.0	15
15	Pretreatment of papermakingâ€reconstituted tobacco slice wastewater by coagulationâ€“flocculation. Journal of Applied Polymer Science, 2013, 130, 1092-1097.	2.6	13
16	The removal of COD from bleaching effluents by Fenton's reagent: Effect of system parameters and kinetic study. Environmental Progress and Sustainable Energy, 2011, 30, 168-176.	2.3	7