

Lihuan Mo

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Research on cellulose nanocrystals produced from cellulose sources with various polymorphs. RSC Advances, 2017, 7, 33486-33493. | 3.6 | 322 |
| 2 | Cellulose nanocrystals (CNCs) with different crystalline allomorph for oil in water Pickering emulsions. Carbohydrate Polymers, 2018, 183, 303-310. | 10.2 | 154 |
| 3 | A comparative study on the preparation and characterization of cellulose nanocrystals with various polymorphs. Carbohydrate Polymers, 2018, 195, 18-28. | 10.2 | 58 |
| 4 | Preparation, characterization and acetylation of cellulose nanocrystal allomorphs. Cellulose, 2018, 25, 4905-4918. | 4.9 | 53 |
| 5 | Residual lignin in cellulose nanofibrils enhances the interfacial stabilization of Pickering emulsions. Carbohydrate Polymers, 2021, 253, 117223. | 10.2 | 48 |
| 6 | Stabilization of Pickering emulsions with cellulose nanofibers derived from oil palm fruit bunch. Cellulose, 2020, 27, 839-851. | 4.9 | 35 |
| 7 | Bio-based polyurethane foam preparation employing lignin from corn stalk enzymatic hydrolysis residues. RSC Advances, 2018, 8, 15754-15761. | 3.6 | 30 |
| 8 | Removal of tungsten from electroplating wastewater by acid- and heat-treated sepiolite. Desalination and Water Treatment, 2015, 56, 232-238. | 1.0 | 15 |
| 9 | Cellulose II nanocrystal: a promising bio-template for porous or hollow nano SiO ₂ fabrication. Cellulose, 2020, 27, 3167-3179. | 4.9 | 15 |
| 10 | Antibacterial Performance of a Mussel-Inspired Polydopamine-Treated Ag/Graphene Nanocomposite Material. Materials, 2019, 12, 3360. | 2.9 | 14 |
| 11 | Pretreatment of papermaking reconstituted tobacco slice wastewater by coagulation-flocculation. Journal of Applied Polymer Science, 2013, 130, 1092-1097. | 2.6 | 13 |
| 12 | 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 |
| 13 | 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 |
| 14 | Efficient Shaping of Cellulose Nanocrystals Based on Allomorphic Modification: Understanding the Correlation between Morphology and Allomorphs. Biomacromolecules, 2022, 23, 687-698. | 5.4 | 1 |
| 15 | 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 |
| 16 | Effect of turbulence generator structures to the performance of medium-consistency pump at high rotation speed exceeds 2000 rpm. Nordic Pulp and Paper Research Journal, 2020, 35, 50-60. | 0.7 | 0 |