Min Wu

List of Publications by Year
in descending order

16 papers	726 citations	623734 14 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	662 citing authors

#	Article	IF	Citations
1	A high-stable soybean-oil-based epoxy acrylate emulsion stabilized by silanized nanocrystalline cellulose as a sustainable paper coating for enhanced water vapor barrier. Journal of Colloid and Interface Science, 2022, 610, 1043-1056.	9.4	21
2	Nanocellulose/Nisin Hydrogel Microparticles as Sustained Antimicrobial Coatings for Paper Packaging. ACS Applied Polymer Materials, 2022, 4, 2664-2673.	4.4	17
3	Effect of endoglucanase and high-pressure homogenization post-treatments on mechanically grinded cellulose nanofibrils and their film performance. Carbohydrate Polymers, 2021, 253, 117253.	10.2	30
4	â€œBottom-Upâ€•Assembly of Nanocellulose Microgels as Stabilizer for Pickering Foam Forming. Biomacromolecules, 2021, 22, 3960-3970.	5.4	12
5	TOCNC-g-PEI nanoparticle encapsulated oregano essential oil for enhancing the antimicrobial activity of cellulose nanofibril packaging films. Carbohydrate Polymers, 2021, 274, 118654.	10.2	17
6	ZnO nanoparticles stabilized oregano essential oil Pickering emulsion for functional cellulose nanofibrils packaging films with antimicrobial and antioxidant activity. International Journal of Biological Macromolecules, 2021, 190, 433-440.	7.5	66
7	Preparation of sugarcane bagasse nanocellulose hydrogel as a colourimetric freshness indicator for intelligent food packaging. Carbohydrate Polymers, 2020, 249, 116831.	10.2	140
8	Developed Chitosan/Oregano Essential Oil Biocomposite Packaging Film Enhanced by Cellulose Nanofibril. Polymers, 2020, 12, 1780.	4.5	27
9	Bio-based antimicrobial packaging from sugarcane bagasse nanocellulose/nisin hybrid films. International Journal of Biological Macromolecules, 2020, 161, 627-635.	7.5	63
10	Combined mechanical grinding and enzyme post-treatment leading to increased yield and size uniformity of cellulose nanofibrils. Cellulose, 2020, 27, 7447-7461.	4.9	10
11	Development of pH indicator and antimicrobial cellulose nanofibre packaging film based on purple sweet potato anthocyanin and oregano essential oil. International Journal of Biological Macromolecules, 2020, 149, 271-280.	7.5	147
12	Facile preparation of reactive hydrophobic cellulose nanofibril film for reducing water vapor permeability (WVP) in packaging applications. Cellulose, 2019, 26, 3271-3284.	4.9	76
13	Nanocellulose Stabilized Pickering Emulsion Templating for Thermosetting AESO Nanocomposite Foams. Polymers, 2018, 10, 1111.	4.5	18
14	Preparation of Self-supporting Bagasse Cellulose Nanofibrils Hydrogels Induced by Zinc Ions. Nanomaterials, 2018, 8, 800.	4.1	33
15	Application of Nanofibrillated Cellulose on BOPP/LDPE Film as Oxygen Barrier and Antimicrobial Coating Based on Cold Plasma Treatment. Coatings, 2018, 8, 207.	2.6	34
16	Transparent and Water-Resistant Composites Prepared from Acrylic Resins ABPE-10 and Acetylated Nanofibrillated Cellulose as Flexible Organic Light-Emitting Device Substrate. Nanomaterials, 2018, 8, 648.	4.1	15