

# Min Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

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