

# Zhe Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5036743/publications.pdf>

Version: 2024-02-01

15  
papers

478  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Bone-based Kinematics from Magnetic Resonance Imaging for Immersive Assessment of Knee Joints. , 2022, , .		0
2	Cross-Linked Chitosan as an Eco-Friendly Binder for High-Performance Wood-Based Fiberboard. International Journal of Polymer Science, 2021, 2021, 1-7.	2.7	6
3	Candle soot nanoparticle-decorated wood for efficient solar vapor generation. Sustainable Energy and Fuels, 2020, 4, 354-361.	4.9	30
4	Synthesis of Pt-Loaded NiFe-LDH Nanosheets on Wood Veneer for Efficient Gaseous Formaldehyde Degradation. ACS Applied Materials & Interfaces, 2020, 12, 37147-37154.	8.0	24
5	Muscle-inspired capacitive tactile sensors with superior sensitivity in an ultra-wide stress range. Journal of Materials Chemistry C, 2020, 8, 5913-5922.	5.5	23
6	Double-Network Hierarchical-Porous Piezoresistive Nanocomposite Hydrogel Sensors Based on Compressive Cellulosic Hydrogels Deposited with Silver Nanoparticles. ACS Sustainable Chemistry and Engineering, 2020, 8, 7480-7488.	6.7	48
7	A woodâ€“polypyrrole composite as a photothermal conversion device for solar evaporation enhancement. Journal of Materials Chemistry A, 2019, 7, 20706-20712.	10.3	189
8	Preparation and characterization of high-strength and water resistant lignocelluloses based composites bonded by branched polyethylenimine (PEI). International Journal of Biological Macromolecules, 2019, 141, 369-377.	7.5	16
9	Cellulose as an Adhesive for the Synthesis of Carbon Aerogel with a 3D Hierarchical Network Structure for Capacitive Energy Storage. ChemElectroChem, 2019, 6, 2586-2594.	3.4	27
10	Cognitive Interference Alignment Schemes for IoT Oriented Heterogeneous Two-Tier Networks. Sensors, 2018, 18, 2548.	3.8	8
11	Facile Fabrication of a PDMS@Stearic Acid-Kaolin Coating on Lignocellulose Composites with Superhydrophobicity and Flame Retardancy. Materials, 2018, 11, 727.	2.9	16
12	Lignocellulose-Chitosan-Multiwalled Carbon Nanotube Composites with Improved Mechanical Strength, Dimensional Stability and Fire Retardancy. Polymers, 2018, 10, 341.	4.5	10
13	Fabrication of Superhydrophobic Mg/Al Layered Double Hydroxide (LDH) Coatings on Medium Density Fiberboards (MDFs) with Flame Retardancy. Materials, 2018, 11, 1113.	2.9	19
14	Cross-Linked ZnO Nanowalls Immobilized onto Bamboo Surface and Their Use as Recyclable Photocatalysts. Journal of Nanomaterials, 2014, 2014, 1-7.	2.7	6
15	Spectrum Occupancy Statistics and Time Series Models for Cognitive Radio. Journal of Signal Processing Systems, 2011, 62, 145-155.	2.1	56