

Zhe Wang

List of Publications by Year in descending order

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