

Chunde Jin

List of Publications by Year in descending order

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65
papers

2,299
citations

218677

26
h-index

223800

46
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67
all docs

67
docs citations

67
times ranked

3120
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Candle soot nanoparticle-decorated wood for efficient solar vapor generation. <i>Sustainable Energy and Fuels</i> , 2020, 4, 354-361.	4.9	30
3	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
4	Cellulose hydrogel functionalized titanate microspheres with self-cleaning for efficient purification of heavy metals in oily wastewater. <i>Cellulose</i> , 2020, 27, 7751-7763.	4.9	15
5	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
6	A wood- π -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
7	Green Construction of an Oil-Water Separator at Room Temperature and Its Promotion to an Adsorption Membrane. <i>Langmuir</i> , 2019, 35, 11071-11079.	3.5	14
8	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
9	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
10	Fabrication of Fe ₃ O ₄ -modified lignocellulose composite for microwave absorption via a sol-gel-assisted hot-pressing process. <i>Cellulose</i> , 2019, 26, 5455-5466.	4.9	12
11	WC ₃ -Coupled 3D Porous Defective g-C ₃ N ₄ for Efficient Photocatalytic Overall Water Splitting. <i>Solar Rrl</i> , 2019, 3, 1800341.	5.8	38
12	Processing Lignocellulose-Based Composites into an Ultrastrong Structural Material. <i>ACS Nano</i> , 2019, 13, 371-376.	14.6	53
13	One Step Construction of Nitrogen-Carbon Derived from <i>Bradyrhizobium japonicum</i> for Supercapacitor Applications with a Soybean Leaf as a Separator. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4695-4704.	6.7	82
14	Layer-by-layer self-assembly of reduced graphene oxide on bamboo timber surface with improved decay resistance. <i>European Journal of Wood and Wood Products</i> , 2018, 76, 1223-1231.	2.9	15
15	Pickles Method-Inspired Tomato Derived Hierarchical Porous Carbon for High-Performance and Safer Capacitive Output. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1054-A1063.	2.9	12
16	High Mechanical Property of Laminated Electromechanical Sensors by Carbonized Nanolignocellulose/Graphene Composites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7344-7351.	8.0	14
17	Mesopore-dominant nitrogen-doped carbon with a large defect degree and high conductivity via inherent hydroxyapatite-induced self-activation for lithium-ion batteries. <i>RSC Advances</i> , 2018, 8, 12204-12210.	3.6	10
18	The properties of fibreboard based on nanolignocelluloses/CaCO ₃ /PMMA composite synthesized through mechano-chemical method. <i>Scientific Reports</i> , 2018, 8, 5121.	3.3	14

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19	Cellulose nanofibers from bamboo and their nanocomposites with polyvinyl alcohol: Preparation and characterization. <i>Polymer Composites</i> , 2018, 39, 2611-2619.	4.6	26
20	Natural cellulose nanofiber extracted from cell wall of bamboo leaf and its derived multifunctional aerogel. <i>Polymer Composites</i> , 2018, 39, 3869-3876.	4.6	18
21	Fabrication of nitrogen-doped porous electrically conductive carbon aerogel from waste cabbage for supercapacitors and oil/water separation. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4334-4344.	2.2	48
22	Screening, Synthesis, and QSAR Research on Cinnamaldehyde-Amino Acid Schiff Base Compounds as Antibacterial Agents. <i>Molecules</i> , 2018, 23, 3027.	3.8	12
23	Discarded Biomass Derived Ordered Hierarchical Porous WO ₃ @C as Advanced Electrochemical Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13897-13906.	6.7	11
24	Preparation of High Mechanical Performance Nano-Fe ₃ O ₄ /Wood Fiber Binderless Composite Boards for Electromagnetic Absorption via a Facile and Green Method. <i>Nanomaterials</i> , 2018, 8, 52.	4.1	28
25	Ultrafine Mn ferrite by anchoring in a cellulose framework for efficient toxic ions capture and fast water/oil separation. <i>Carbohydrate Polymers</i> , 2018, 196, 117-125.	10.2	19
26	Nitrogen, Sulfur, Phosphorous Co-doped Interconnected Porous Carbon Nanosheets with High Defect Density for Enhancing Supercapacitor and Lithium-ion Battery Properties. <i>ChemElectroChem</i> , 2018, 5, 2367-2375.	3.4	40
27	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
28	Lignocellulose-Chitosan-Multiwalled Carbon Nanotube Composites with Improved Mechanical Strength, Dimensional Stability and Fire Retardancy. <i>Polymers</i> , 2018, 10, 341.	4.5	10
29	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
30	Effect of aluminosilicate on flame-retardant and mechanical properties of lignocellulose composite. <i>Cellulose</i> , 2018, 25, 4167-4177.	4.9	14
31	Improved mould resistance and antibacterial activity of bamboo coated with ZnO/graphene. <i>Royal Society Open Science</i> , 2018, 5, 180173.	2.4	22
32	Self-photodegradation of formaldehyde under visible-light by solid wood modified via nanostructured Fe-doped WO ₃ accompanied with superior dimensional stability. <i>Journal of Hazardous Materials</i> , 2017, 328, 127-139.	12.4	49
33	A 3D titanate aerogel with cellulose as the adsorption-aggregator for highly efficient water purification. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5813-5819.	10.3	62
34	Biomimetic taro leaf-like films decorated on wood surfaces using soft lithography for superparamagnetic and superhydrophobic performance. <i>Journal of Materials Science</i> , 2017, 52, 7428-7438.	3.7	61
35	Solvothermal fabrication and growth behavior study of spherical MnFe ₂ O ₄ through a bottom-up method on wood substrate with effective microwave absorption. <i>RSC Advances</i> , 2017, 7, 24764-24770.	3.6	13
36	Bio-Inspired nacre-like nanolignocellulose-poly (vinyl alcohol)-TiO ₂ composite with superior mechanical and photocatalytic properties. <i>Scientific Reports</i> , 2017, 7, 1823.	3.3	27

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37	3D assembly based on 2D structure of Cellulose Nanofibril/Graphene Oxide Hybrid Aerogel for Adsorptive Removal of Antibiotics in Water. <i>Scientific Reports</i> , 2017, 7, 45914.	3.3	114
38	Stress sensitive electricity based on Ag/cellulose nanofiber aerogel for self-reporting. <i>Carbohydrate Polymers</i> , 2017, 168, 265-273.	10.2	38
39	Utilizing cellulose sheets as structure promoter constructing different micro-nano titanate nanotubes networks for green water purification. <i>Carbohydrate Polymers</i> , 2017, 175, 756-764.	10.2	6
40	Endowing graphene with superior cation/anion co-purification and visible photocatalysis performances by in situ deposition of silver compounds. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20903-20910.	10.3	3
41	Naturally three-dimensional laminated porous carbon network structured short nano-chains bridging nanospheres for energy storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15759-15770.	10.3	72
42	New Insight on Promoted thermostability of poplar wood modified by MnFe ₂ O ₄ nanoparticles through the pyrolysis behaviors and kinetic study. <i>Scientific Reports</i> , 2017, 7, 1418.	3.3	6
43	Fabrication of Cellulose Nanofiber/AlOOH Aerogel for Flame Retardant and Thermal Insulation. <i>Materials</i> , 2017, 10, 311.	2.9	49
44	Fabrication of a Nano-ZnO/Polyethylene/Wood-Fiber Composite with Enhanced Microwave Absorption and Photocatalytic Activity via a Facile Hot-Press Method. <i>Materials</i> , 2017, 10, 1267.	2.9	18
45	Hydrothermal Synthesis of Nanooctahedra MnFe ₂ O ₄ onto the Wood Surface with Soft Magnetism, Fire Resistance and Electromagnetic Wave Absorption. <i>Nanomaterials</i> , 2017, 7, 118.	4.1	31
46	One-Step Preparation of Graphene Oxide/Cellulose Nanofibril Hybrid Aerogel for Adsorptive Removal of Four Kinds of Antibiotics. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-10.	2.7	18
47	Spawns Structure of Rod-Like ZnO Wrapped in Cellulose Nanofibers for Electromagnetic Wave Absorption. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-6.	2.7	2
48	Inorganic Antiflaming Wood Caused by a TiO_2 -Decorated ZnO Nanorod Arrays Coating Prepared by a Facile Hydrothermal Method. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-9.	2.7	9
49	A simple, one-step hydrothermal approach to durable and robust superparamagnetic, superhydrophobic and electromagnetic wave-absorbing wood. <i>Scientific Reports</i> , 2016, 6, 35549.	3.3	60
50	One-step solvothermal deposition of ZnO nanorod arrays on a wood surface for robust superamphiphobic performance and superior ultraviolet resistance. <i>Scientific Reports</i> , 2016, 6, 35505.	3.3	45
51	Cellulose as an adhesion agent for the synthesis of lignin aerogel with strong mechanical performance, Sound-absorption and thermal Insulation. <i>Scientific Reports</i> , 2016, 6, 32383.	3.3	70
52	Simple synthesis of MoO ₂ /carbon aerogel anodes for high performance lithium ion batteries from seaweed biomass. <i>RSC Advances</i> , 2016, 6, 106230-106236.	3.6	26
53	Preliminary studies of multi-micro/nanomaterials immobilized on the bamboo timber surface. <i>Journal of the Indian Academy of Wood Science</i> , 2016, 13, 145-151.	0.9	0
54	Green and facile fabrication of carbon aerogels from cellulose-based waste newspaper for solving organic pollution. <i>Carbohydrate Polymers</i> , 2016, 136, 95-100.	10.2	141

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55	A Facile Low-Temperature Hydrothermal Method to Prepare Anatase Titania/Cellulose Aerogels with Strong Photocatalytic Activities for Rhodamine B and Methyl Orange Degradations. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	2.7	8
56	Superhydrophobicity, Microwave Absorbing Property of NiFe ₂ O ₄ /Wood Hybrids under Harsh Conditions. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	2.7	1
57	Fabrication of Robust Superhydrophobic Bamboo Based on ZnO Nanosheet Networks with Improved Water-, UV-, and Fire-Resistant Properties. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-9.	2.7	9
58	Fabrication of cellulose-based aerogels from waste newspaper without any pretreatment and their use for absorbents. <i>Carbohydrate Polymers</i> , 2015, 123, 150-156.	10.2	143
59	Ultralight and hydrophobic nanofibrillated cellulose aerogels from coconut shell with ultrastrong adsorption properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	43
60	Fabrication of superhydrophobic bamboo timber based on an anatase TiO ₂ film for acid rain protection and flame retardancy. <i>RSC Advances</i> , 2015, 5, 62265-62272.	3.6	45
61	Thermally induced gel from cellulose/NaOH/PEG solution: preparation, characterization and mechanical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 45-48.	2.3	2
62	Synthesis of wood derived nitrogen-doped porous carbon/polyaniline composites for supercapacitor electrode materials. <i>RSC Advances</i> , 2015, 5, 30943-30949.	3.6	73
63	Soy Protein Isolate As Fluid Loss Additive in Bentonite/Water-Based Drilling Fluids. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24799-24809.	8.0	78
64	Fabrication of hydrophobic, electrically conductive and flame-resistant carbon aerogels by pyrolysis of regenerated cellulose aerogels. <i>Carbohydrate Polymers</i> , 2015, 118, 115-118.	10.2	63
65	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