

# Qingwen Wang

## List of Publications by Year in descending order

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155  
papers

6,490  
citations

76326

40  
h-index

82547

72  
g-index

158  
all docs

158  
docs citations

158  
times ranked

6359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between biomass-derived components and polypropylene during wood-plastic composite pyrolysis. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 3345-3357.	4.6	14
2	Sustainable, high-performance, flame-retardant waterborne wood coatings via phytic acid based green curing agent for melamine-urea-formaldehyde resin. <i>Progress in Organic Coatings</i> , 2022, 162, 106597.	3.9	24
3	From plant phenols to novel bio-based polymers. <i>Progress in Polymer Science</i> , 2022, 125, 101473.	24.7	78
4	Characterization of the structural rheological properties of wood flour-polyethylene composites with ultrahigh filling on the basis of uniaxial cyclic compression method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 153, 106724.	7.6	5
5	Flexible decorative wood veneer with high strength, wearability and moisture penetrability enabled by infiltrating castor oil-based waterborne polyurethanes. <i>Composites Part B: Engineering</i> , 2022, 230, 109502.	12.0	20
6	The influence of zinc compounds on thermal stability and flame retardancy of wood flour polyvinyl chloride composites. <i>Construction and Building Materials</i> , 2022, 320, 126203.	7.2	11
7	Efficient and sustainable photocatalytic degradation of dye in wastewater with porous and recyclable wood foam@V2O5 photocatalysts. <i>Journal of Cleaner Production</i> , 2022, 332, 130054.	9.3	20
8	Recycling end-of-life WPC products into ultra-high-filled, high-performance wood fiber/polyethylene composites: a sustainable strategy for clean and cyclic processing in the WPC industry. <i>Journal of Materials Research and Technology</i> , 2022, 18, 1-14.	5.8	19
9	Fully Biobased Soy Protein Adhesives with Integrated High-Strength, Waterproof, Mildew-Resistant, and Flame-Retardant Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 6675-6686.	6.7	20
10	Water-Induced Self-Assembly and <i>In Situ</i> Mineralization within Plant Phenolic Glycol-Gel toward Ultrastrong and Multifunctional Thermal Insulating Aerogels. <i>ACS Nano</i> , 2022, 16, 9062-9076.	14.6	38
11	Synthesis of a vanillin-based curing agent and its application in wood to improve dimensional stability and flame retardancy. <i>Polymers for Advanced Technologies</i> , 2022, 33, 3249-3262.	3.2	4
12	High-performance epoxy vitrimer with superior self-healing, shape-memory, flame retardancy, and antibacterial properties based on multifunctional curing agent. <i>Composites Part B: Engineering</i> , 2022, 242, 110109.	12.0	46
13	Renewable Castor Oil-based Waterborne Polyurethane Networks: Simultaneously Showing High Strength, Self-Healing, Processability and Tunable Multishape Memory. <i>Angewandte Chemie</i> , 2021, 133, 4335-4345.	2.0	0
14	Renewable Castor Oil-based Waterborne Polyurethane Networks: Simultaneously Showing High Strength, Self-Healing, Processability and Tunable Multishape Memory. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4289-4299.	13.8	161
15	Nonlinear tensile behavior of cotton fabric reinforced polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49780.	2.6	0
16	Construction of sustainable, fireproof and superhydrophobic wood template for efficient oil/water separation. <i>Journal of Materials Science</i> , 2021, 56, 5624-5636.	3.7	15
17	Rheological Properties of Wood-Plastic Composites by 3D Numerical Simulations: Different Components. <i>Forests</i> , 2021, 12, 417.	2.1	3
18	Recyclable and Fluorescent Epoxy Polymer Networks from Cardanol Via Solvent-Free Epoxy-Thiol Chemistry. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3082-3092.	4.4	18

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19	Wood-derived Systems for Sustainable Oil/Water Separation. <i>Advanced Sustainable Systems</i> , 2021, 5, 2100039.	5.3	22
20	Compression rheological behavior of ultrahighly filled wood flour-polyethylene composites. <i>Composites Part B: Engineering</i> , 2021, 215, 108766.	12.0	7
21	Dimensional stability improvements of waste wood flour/HDPE composites via carbon black network embedding. <i>Construction and Building Materials</i> , 2021, 299, 123955.	7.2	2
22	Rheological behavior, internal stress and structural changes of ultra-high-filled wood-flour/high-density polyethylene composite in shear flow field. <i>Journal of Materials Research and Technology</i> , 2021, 14, 1191-1202.	5.8	9
23	Efficient flame-retardant hybrid coatings on wood plastic composites by layer-by-layer assembly. <i>Journal of Cleaner Production</i> , 2021, 321, 128949.	9.3	14
24	Flammability, thermal stability, and mechanical properties of wood flour/polycarbonate/polyethylene bio-based composites. <i>Industrial Crops and Products</i> , 2021, 169, 113638.	5.2	11
25	Fully recyclable, flame-retardant and high-performance carbon fiber composites based on vanillin-terminated cyclophosphazene polyimine thermosets. <i>Composites Part B: Engineering</i> , 2021, 224, 109188.	12.0	63
26	Comparative study of high-density polyethylene-based biocomposites reinforced with various agricultural residue fibers. <i>Industrial Crops and Products</i> , 2021, 172, 114053.	5.2	19
27	Uniform and porous nacre-like cellulose nanofibrils/nanoclay composite membrane as separator for highly safe and advanced Li-ion battery. <i>Journal of Membrane Science</i> , 2021, 637, 119622.	8.2	20
28	Anti-bacterial silk-based hydrogels for multifunctional electrical skin with mechanical-thermal dual sensitive integration. <i>Chemical Engineering Journal</i> , 2021, 426, 130722.	12.7	23
29	Rapid self-healing, multiple recyclability and mechanically robust plant oil-based epoxy resins enabled by incorporating tri-dynamic covalent bonding. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18431-18439.	10.3	54
30	Interfacial adhesion mechanisms of ultra-highly filled wood fiber/polyethylene composites using maleic anhydride grafted polyethylene as a compatibilizer. <i>Materials and Design</i> , 2021, 212, 110182.	7.0	27
31	Mechanical properties, morphology, and creep resistance of ultra-highly filled bamboo fiber/polypropylene composites: Effects of filler content and melt flow index of polypropylene. <i>Construction and Building Materials</i> , 2021, 310, 125289.	7.2	14
32	Design of Intrinsically Flame-Retardant Vanillin-Based Epoxy Resin for Thermal-Conductive Epoxy/Graphene Aerogel Composites. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59341-59351.	8.0	35
33	Effect of an antioxidant on the life cycle of wood flour/polypropylene composites. <i>Journal of Forestry Research</i> , 2020, 31, 1435-1443.	3.6	4
34	High-strength, lightweight, co-extruded wood flour-polyvinyl chloride/lumber composites: Effects of wood content in shell layer on mechanical properties, creep resistance, and dimensional stability. <i>Journal of Cleaner Production</i> , 2020, 244, 118860.	9.3	28
35	Conductive and fire-retardant wood/polyethylene composites based on a continuous honeycomb-like nanoscale carbon black network. <i>Construction and Building Materials</i> , 2020, 233, 117369.	7.2	26
36	Enhancing the flame retardancy and mechanical properties of veneered wood flour/polyvinyl chloride composites. <i>Polymer Composites</i> , 2020, 41, 848-857.	4.6	9

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37	Interfacial crystals morphology modification in cellulose fiber/polypropylene composite by mechanochemical method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 130, 105765.	7.6	23
38	Highly compressible lignin hydrogel electrolytes via double-crosslinked strategy for superior foldable supercapacitors. <i>Journal of Power Sources</i> , 2020, 449, 227532.	7.8	62
39	A Dynamic Gel with Reversible and Tunable Topological Networks and Performances. <i>Matter</i> , 2020, 2, 390-403.	10.0	216
40	High-performance lignocellulose/polycarbonate biocomposites fabricated by in situ reaction: Structure and properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 138, 106068.	7.6	14
41	Synthesis of lignin-based polyols via thiol-ene chemistry for high-performance polyurethane anticorrosive coating. <i>Composites Part B: Engineering</i> , 2020, 200, 108295.	12.0	47
42	Mechanical Properties and Fire Retardancy of Wood Flour/High-Density Polyethylene Composites Reinforced with Continuous Honeycomb-Like Nano-SiO <sub>2</sub> Network and Fire Retardant. <i>Journal of Renewable Materials</i> , 2020, 8, 485-498.	2.2	3
43	A cysteine derivative-enabled ultrafast thiol-ene reaction for scalable synthesis of a fully bio-based internal emulsifier for high-toughness waterborne polyurethanes. <i>Green Chemistry</i> , 2020, 22, 5722-5729.	9.0	38
44	Highly compressible hydrogel sensors with synergistic long-lasting moisture, extreme temperature tolerance and strain-sensitivity properties. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3319-3327.	5.9	22
45	Comparative study on the effects of silica size and dispersion mode on the fire retardancy of extruded wood fiber/ HDPE composites. <i>Polymer Composites</i> , 2020, 41, 4920-4932.	4.6	2
46	Conversion of lignocellulose into biochar and furfural through boron complexation and esterification reactions. <i>Bioresource Technology</i> , 2020, 312, 123586.	9.6	39
47	A facile strategy to construct vegetable oil-based, fire-retardant, transparent and mussel adhesive intumescent coating for wood substrates. <i>Industrial Crops and Products</i> , 2020, 154, 112628.	5.2	32
48	Improving lignocellulose thermal stability by chemical modification with boric acid for incorporating into polyamide. <i>Materials and Design</i> , 2020, 191, 108589.	7.0	38
49	The influence of double-layered distribution of fire retardants on the fire retardancy and mechanical properties of wood fiber polypropylene composites. <i>Construction and Building Materials</i> , 2020, 242, 118047.	7.2	23
50	Effects of fiber geometry and orientation distribution on the anisotropy of mechanical properties, creep behavior, and thermal expansion of natural fiber/HDPE composites. <i>Composites Part B: Engineering</i> , 2020, 185, 107778.	12.0	74
51	Highly compressible and superior low temperature tolerant supercapacitors based on dual chemically crosslinked PVA hydrogel electrolytes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6219-6228.	10.3	101
52	Statistical distribution of mechanical properties and energy absorption of laminated cotton fabric reinforced epoxy composites. <i>Polymer Composites</i> , 2020, 41, 2829-2840.	4.6	6
53	One-Step Activation and Surface Fatty Acylation of Cellulose Fibers in a Solvent-Free Condition. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15920-15927.	6.7	24
54	Mechanical properties, creep resistance, and dimensional stability of core/shell structured wood flour/polyethylene composites with highly filled core layer. <i>Construction and Building Materials</i> , 2019, 226, 879-887.	7.2	38

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55	Woodâ€Derived Nanofibrillated Cellulose Hydrogel Filters for Fast and Efficient Separation of Nanoparticles. <i>Advanced Sustainable Systems</i> , 2019, 3, 1900063.	5.3	10
56	Synthesis of Biobased Flame-Retardant Carboxylic Acid Curing Agent and Application in Wood Surface Coating. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14727-14738.	6.7	67
57	Reinforcement of continuous fibers for extruded wood-flour/HDPE composites: Effects of fiber type and amount. <i>Construction and Building Materials</i> , 2019, 228, 116718.	7.2	23
58	Castor oil based UV-cured coatings using thiol-ene click reaction for thermal degradation with flame retardance. <i>Industrial Crops and Products</i> , 2019, 141, 111798.	5.2	25
59	Impact of lithium chloride on the performance of wood fiber reinforced polyamide 6/highâ€density polyethylene blend composites. <i>Polymer Composites</i> , 2019, 40, 4608-4618.	4.6	6
60	Bamboo particle reinforced polypropylene composites made from different fractions of bamboo culm: Fiber characterization and analysis of composite properties. <i>Polymer Composites</i> , 2019, 40, 4619-4628.	4.6	18
61	Synergistic toughening effects of grafting modification and elastomer-olefin block copolymer addition on the fracture resistance of wood particle/polypropylene/elastomer composites. <i>Materials and Design</i> , 2019, 181, 107918.	7.0	19
62	Production of Nanocellulose Using Hydrated Deep Eutectic Solvent Combined with Ultrasonic Treatment. <i>ACS Omega</i> , 2019, 4, 8539-8547.	3.5	112
63	Lightweight, Flexible, Thermally-Stable, and Thermally-Insulating Aerogels Derived from Cotton Nanofibrillated Cellulose. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9202-9210.	6.7	52
64	Facile fabrication of tough photocrosslinked polyvinyl alcohol hydrogels with cellulose nanofibrils reinforcement. <i>Polymer</i> , 2019, 173, 103-109.	3.8	42
65	Enhanced heavy metal adsorption ability of lignocellulosic hydrogel adsorbents by the structural support effect of lignin. <i>Cellulose</i> , 2019, 26, 4005-4019.	4.9	27
66	Flame retardant eugenol-based thiol-ene polymer networks with high mechanical strength and transparency. <i>Chemical Engineering Journal</i> , 2019, 368, 359-368.	12.7	90
67	Extraordinary solution-processability of lignin in phenolâ€maleic anhydride and dielectric films with controllable properties. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23162-23172.	10.3	16
68	High-performance flame retarded paraffin/epoxy resin form-stable phase change material. <i>Journal of Materials Science</i> , 2019, 54, 875-885.	3.7	34
69	Reinforcement of wood flour/HDPE composite with a copolyester of <i>p</i> -hydroxy benzoic acid and 2â€hydroxyâ€naphthoic acid. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47338.	2.6	2
70	Preparation and flame retardancy of castor oil based UV-cured flame retardant coating containing P/Si/S on wood surface. <i>Industrial Crops and Products</i> , 2019, 130, 562-570.	5.2	55
71	Nanocellulose-Enabled, All-Nanofiber, High-Performance Supercapacitor. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 5919-5927.	8.0	91
72	Preparation and characterization of woodâ€fiberâ€reinforced polyamide 6â€polypropylene blend composites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47413.	2.6	4

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73	Synthesis and characterization of the n-butyl palmitate as an organic phase change material. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 2033-2039.	3.6	11
74	Impact of lithium chloride and <i>in situ</i> grafting on the performance of microcrystalline cellulose-filled composites based on polyamide 6/high density polyethylene. <i>Polymer Composites</i> , 2019, 40, E865.	4.6	2
75	Mechanical reinforcement and creep resistance of coextruded wood flour/polyethylene composites by shell-layer treatment with nano- and micro-SiO <sub>2</sub> particles. <i>Polymer Composites</i> , 2019, 40, 1576-1584.	4.6	16
76	Preparation and Characterization of Modified Porous Wood Flour/Lauric-Myristic Acid Eutectic Mixture as a Form-Stable Phase Change Material. <i>Energy &amp; Fuels</i> , 2018, 32, 5453-5461.	5.1	53
77	Heat transfer and mechanical properties of wood-plastic composites filled with flake graphite. <i>Thermochimica Acta</i> , 2018, 664, 26-31.	2.7	28
78	Thermal and mechanical properties of wood-plastic composites filled with multiwalled carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46308.	2.6	6
79	Toughness and crystallization enhancement in wood fiber-reinforced polypropylene composite through controlling matrix nucleation. <i>Journal of Materials Science</i> , 2018, 53, 6542-6551.	3.7	26
80	Sandwich-structured wood flour/HDPE composite panels: Reinforcement using a linear low-density polyethylene core layer. <i>Construction and Building Materials</i> , 2018, 164, 489-496.	7.2	33
81	Fire retardancy of an aqueous, intumescent, and translucent wood varnish based on guanylurea phosphate and melamine-urea-formaldehyde resin. <i>Progress in Organic Coatings</i> , 2018, 121, 64-72.	3.9	44
82	Robust Nanofibrillated Cellulose Hydro/Aerogels from Benign Solution/Solvent Exchange Treatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6624-6634.	6.7	41
83	Sustainable Use of Coffee Husks For Reinforcing Polyethylene Composites. <i>Journal of Polymers and the Environment</i> , 2018, 26, 48-58.	5.0	49
84	The reinforcement efficacy of nano- and microscale silica for extruded wood flour/HDPE composites: the effects of dispersion patterns and interfacial modification. <i>Journal of Materials Science</i> , 2018, 53, 1899-1910.	3.7	27
85	The properties of flax fiber reinforced wood flour/high density polyethylene composites. <i>Journal of Forestry Research</i> , 2018, 29, 533-540.	3.6	21
86	Effects of LiCl on crystallization, thermal, and mechanical properties of polyamide 6/wood fiber composites. <i>Polymer Composites</i> , 2018, 39, E1574.	4.6	12
87	Effects of lithium chloride and chain extender on the properties of wood fiber reinforced polyamide 6 composites. <i>Polymer Testing</i> , 2018, 72, 132-139.	4.8	10
88	Combination of Magnetic Lignocellulosic Particles, High-Density Polyethylene, and Carbon Black for the Construction of Composites with Tunable Functionalities. <i>Polymers</i> , 2018, 10, 9.	4.5	15
89	Morphology, Mechanical Properties and Dimensional Stability of Biomass Particles/High Density Polyethylene Composites: Effect of Species and Composition. <i>Polymers</i> , 2018, 10, 308.	4.5	37
90	Catalytic fast pyrolysis of a wood-plastic composite with metal oxides as catalysts. <i>Waste Management</i> , 2018, 79, 38-47.	7.4	85

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91	Expandable graphite's versatility and synergy with carbon black and ammonium polyphosphate in improving antistatic and fire-retardant properties of wood flour/polypropylene composites. <i>Polymer Composites</i> , 2017, 38, 767-773.	4.6	18
92	High Performance, Flexible, Solid-State Supercapacitors Based on a Renewable and Biodegradable Mesoporous Cellulose Membrane. <i>Advanced Energy Materials</i> , 2017, 7, 1700739.	19.5	202
93	Efficient Flame-Retardant and Smoke-Suppression Properties of Mg-Al-Layered Double-Hydroxide Nanostructures on Wood Substrate. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 23039-23047.	8.0	166
94	Lignin-coated cellulose nanocrystal filled methacrylate composites prepared via 3D stereolithography printing: Mechanical reinforcement and thermal stabilization. <i>Carbohydrate Polymers</i> , 2017, 169, 272-281.	10.2	89
95	Highly Flexible and Conductive Cellulose-Mediated PEDOT:PSS/MWCNT Composite Films for Supercapacitor Electrodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 13213-13222.	8.0	214
96	Efficient Cleavage of Lignin-Carbohydrate Complexes and Ultrafast Extraction of Lignin Oligomers from Wood Biomass by Microwave-Assisted Treatment with Deep Eutectic Solvent. <i>ChemSusChem</i> , 2017, 10, 1692-1700.	6.8	354
97	Efficient Cleavage of Strong Hydrogen Bonds in Cotton by Deep Eutectic Solvents and Facile Fabrication of Cellulose Nanocrystals in High Yields. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7623-7631.	6.7	161
98	Multifunctional Bionanocomposite Foams with a Chitosan Matrix Reinforced by Nanofibrillated Cellulose. <i>ChemNanoMat</i> , 2017, 3, 98-108.	2.8	37
99	Preparation and Properties of a Novel Microcrystalline Cellulose-Filled Composites Based on Polyamide 6/High-Density Polyethylene. <i>Materials</i> , 2017, 10, 808.	2.9	10
100	Preparation of Desirable Porous Cell Structure Polylactide/Wood Flour Composite Foams Assisted by Chain Extender. <i>Materials</i> , 2017, 10, 999.	2.9	9
101	Effect of the Addition of Carbon Nanomaterials on Electrical and Mechanical Properties of Wood Plastic Composites. <i>Polymers</i> , 2017, 9, 620.	4.5	7
102	Effects of Matrix Modification on the Mechanical Properties of Wood-Polypropylene Composites. <i>Polymers</i> , 2017, 9, 712.	4.5	15
103	The Effect of Carbon Nanotubes on the Mechanical Properties of Wood Plastic Composites by Selective Laser Sintering. <i>Polymers</i> , 2017, 9, 728.	4.5	21
104	Rheological behavior and mechanical properties of wood flour/high density polyethylene blends: Effects of esterification of wood with citric acid. <i>Polymer Composites</i> , 2016, 37, 553-560.	4.6	17
105	Sustainable Carbon Aerogels Derived from Nanofibrillated Cellulose as High-Performance Absorption Materials. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600004.	3.7	47
106	Coaggregation of mineral filler particles and starch granules as a basis for improving filler-fiber interaction in paper production. <i>Carbohydrate Polymers</i> , 2016, 149, 20-27.	10.2	20
107	Thermal degradation and flammability behavior of fire-retarded wood flour/polypropylene composites. <i>Journal of Fire Sciences</i> , 2016, 34, 226-239.	2.0	11
108	Thermo-oxidative decomposition and combustion behavior of Scots pine ( <i>Pinus sylvestris</i> L.) sapwood modified with phenol- and melamine-formaldehyde resins. <i>Wood Science and Technology</i> , 2016, 50, 1125-1143.	3.2	23

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109	Absorption Materials: Sustainable Carbon Aerogels Derived from Nanofibrillated Cellulose as High-Performance Absorption Materials (Adv. Mater. Interfaces 10/2016). Advanced Materials Interfaces, 2016, 3, .	3.7	1
110	Homogeneous Dispersion of Cellulose Nanofibers in Waterborne Acrylic Coatings with Improved Properties and Unreduced Transparency. ACS Sustainable Chemistry and Engineering, 2016, 4, 3766-3772.	6.7	61
111	Combustion behavior of Scots pine ( <i>Pinus sylvestris</i> L.) sapwood treated with a dispersion of aluminum oxychloride-modified silica. Holzforschung, 2016, 70, 1165-1173.	1.9	16
112	Incorporation effect of enzymatic hydrolysis lignin on the mechanical and rheological properties of the resulting wood flour/high-density polyethylene composites. Polymer Composites, 2016, 37, 379-384.	4.6	5
113	Thermal degradation and flammability properties of multilayer structured wood fiber and polypropylene composites with fire retardants. RSC Advances, 2016, 6, 13890-13897.	3.6	21
114	Comparative study of the structure, mechanical and thermomechanical properties of cellulose nanopapers with different thickness. Cellulose, 2016, 23, 1375-1382.	4.9	33
115	Non-isothermal crystallization kinetics of wood-flour/polypropylene composites in the presence of $\beta$ -nucleating agent. Journal of Forestry Research, 2016, 27, 949-958.	3.6	6
116	Facile extraction of cellulose nanocrystals from wood using ethanol and peroxide solvothermal pretreatment followed by ultrasonic nanofibrillation. Green Chemistry, 2016, 18, 1010-1018.	9.0	183
117	Thermal decomposition of fire-retarded wood flour/polypropylene composites. Journal of Thermal Analysis and Calorimetry, 2016, 123, 309-318.	3.6	28
118	Modification of poplar wood with glucose crosslinked with citric acid and 1,3-dimethylol-4,5-dihydroxy ethyleneurea. Holzforschung, 2016, 70, 47-53.	1.9	25
119	Material pocket dynamic mechanical analysis: a novel tool to study thermal transition in wood fibers plasticized by an ionic liquid (IL). Holzforschung, 2015, 69, 223-232.	1.9	11
120	Effect of Experimental Parameters on Morphological, Mechanical and Hydrophobic Properties of Electrospun Polystyrene Fibers. Materials, 2015, 8, 2718-2734.	2.9	224
121	Thermoplastic deformation of poplar wood plasticized by ionic liquids measured by a nonisothermal compression technique. Holzforschung, 2014, 68, 555-566.	1.9	28
122	Thermal, crystallization, and dynamic rheological behavior of wood particle/HDPE composites: Effect of removal of wood cell wall composition. Journal of Applied Polymer Science, 2014, 131, .	2.6	14
123	Esterification of wood with citric acid: The catalytic effects of sodium hypophosphite (SHP). Holzforschung, 2014, 68, 427-433.	1.9	47
124	Combustion behavior of oak wood ( <i>Quercus mongolica</i> L.) modified by 1,3-dimethylol-4,5-dihydroxyethyleneurea (DMDHEU). Holzforschung, 2014, 68, 881-887.	1.9	19
125	Morphology, mechanical properties, and dimensional stability of wood particle/high density polyethylene composites: Effect of removal of wood cell wall composition. Materials & Design, 2014, 58, 339-345.	5.1	97
126	Effects of use of coupling agents on the properties of microfibrillar composite based on high-density polyethylene and polyamide-6. Polymer Bulletin, 2014, 71, 685-703.	3.3	18



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127	Effect of wood cell wall composition on the rheological properties of wood particle/high density polyethylene composites. <i>Composites Science and Technology</i> , 2014, 93, 68-75.	7.8	84
128	Effects of chemical modification of wood flour on the rheological properties of high-density polyethylene blends. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	9
129	Fire performance of oak wood modified with N-methylol resin and methylolated guanylurea phosphate/boric acid-based fire retardant. <i>Construction and Building Materials</i> , 2014, 72, 1-6.	7.2	39
130	Recent progress of catalytic pyrolysis of biomass by HZSM-5. <i>Chinese Journal of Catalysis</i> , 2013, 34, 641-650.	14.0	112
131	Effects of chemical modification on the mechanical properties of wood. <i>European Journal of Wood and Wood Products</i> , 2013, 71, 401-416.	2.9	126
132	Mechanical and physical properties of core-shell structured wood plastic composites: Effect of shells with hybrid mineral and wood fillers. <i>Composites Part B: Engineering</i> , 2013, 45, 1040-1048.	12.0	49
133	Catalytic Upgrading of Bio-Oil by Reacting with Olefins and Alcohols over Solid Acids: Reaction Paths via Model Compound Studies. <i>Energies</i> , 2013, 6, 1568-1589.	3.1	18
134	Catalytic Conversion of Bio-Oil to Oxygen-Containing Fuels by Acid-Catalyzed Reaction with Olefins and Alcohols over Silica Sulfuric Acid. <i>Energies</i> , 2013, 6, 4531-4550.	3.1	17
135	Experimental and numerical analysis of the sound insulation property of wood plastic composites (WPCs) filled with precipitated CaCO <sub>3</sub> . <i>Holzforschung</i> , 2013, 67, 301-306.	1.9	11
136	Thermal Properties of Carboxymethylcellulose and Methyl Methacrylate Graft Copolymers. <i>Journal of Macromolecular Science - Physics</i> , 2013, 52, 1242-1249.	1.0	22
137	Application of Mechanical Models to Flax Fiber /Wood Fiber/ Plastic Composites. <i>BioResources</i> , 2013, 8, .	1.0	17
138	Preparation of highly filled wood flour/recycled high density polyethylene composites by in situ reactive extrusion. <i>Journal of Applied Polymer Science</i> , 2012, 124, 5247-5253.	2.6	5
139	Thermal and burning properties of wood flour-poly(vinyl chloride) composite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 1577-1585.	3.6	46
140	Grafting effects of polypropylene/polyethylene blends with maleic anhydride on the properties of the resulting wood-plastic composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 150-157.	7.6	123
141	Isothermal crystallization kinetics of Kevlar fiber-reinforced wood flour/high-density polyethylene composites. <i>Journal of Applied Polymer Science</i> , 2012, 126, E2.	2.6	8
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