Jinqiu Qi

List of Publications by Year
in descending order

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30 papers	612 citations	687363 13 h-index	610901 24 g-index
30 all docs	30 docs citations	30 times ranked	648 citing authors

#	Article	IF	Citations
1	Improving the anti-mould property of Moso bamboo surface by using a bamboo green colour preservation approach. Wood Material Science and Engineering, 2023, 18, 161-171.	2.3	9
2	Microstructure and physicochemical properties of the anisotropic moso bamboo (Phyllostachys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	2.9	9
3	Preparation of flexible and UV-blocking films from lignin-containing cellulose incorporated with tea polyphenol/citric acid. International Journal of Biological Macromolecules, 2022, 207, 917-926.	7.5	37
4	Enhancement of magnetic film with light penetration by immobilization of Fe3O4 nanoparticles in a spherical bamboo nanocellulose network. Cellulose, 2021, 28, 4179-4189.	4.9	7
5	Thermal Degradation Kinetics of Ureaâ€“Formaldehyde Resins Modified by Almond Shells. ACS Omega, 2021, 6, 25702-25709.	3.5	8
6	Transparent and UV-absorbing nanocellulose films prepared by directly dissolving microwave liquefied bamboo in TBAA/DMSO co-solvent system. Industrial Crops and Products, 2021, 171, 113899.	5.2	11
7	Chemical composition, UV/vis absorptivity, and antioxidant activity of essential oils from bark and leaf ofphoebezhennan S. K. Lee & F. N. Wei. Natural Product Research, 2020, 34, 876-879.	1.8	3
8	Preliminary evaluation of liquefaction behavior of Eucalyptus grandis bark in glycerol. Journal of Forestry Research, 2020, 31, 687-691.	3.6	1
9	Preparation and thermal degradation property analysis of the tea-based melamine-modified ureaâ€“formaldehyde (TMUF) resin. Journal of Thermal Analysis and Calorimetry, 2020, 146, 1845.	3.6	5
10	Kinetics and Thermodynamic Analysis of Recent and Ancient Buried Phoebe zhennan Wood. ACS Omega, 2020, 5, 20943-20952.	3.5	7
11	Characterization of Ethyl Acetate and Trichloromethane Extracts from Phoebe zhennan Wood Residues and Application on the Preparation of UV Shielding Films. Molecules, 2020, 25, 1145.	3.8	6
12	Agricultural and Forest Residues towards Renewable Chemicals and Materials Using Microwave Liquefaction. International Journal of Polymer Science, 2019, 2019, 1-16.	2.7	17
13	Differences in physicalâ€“mechanical properties of bamboo scrimbers with response to bamboo maturing process. European Journal of Wood and Wood Products, 2018, 76, 1137-1143.	2.9	14
14	Significant evaluation of three factors affecting the pre-curing behavior of urea formaldehyde resin: temperature, solid content, and pH. Journal of Thermal Analysis and Calorimetry, 2018, 133, 1463-1470.	3.6	4
15	High bio-content polyurethane (PU) foam made from bio-polyol and cellulose nanocrystals (CNCs) via microwave liquefaction. Materials and Design, 2018, 138, 11-20.	7.0	66
16	Thermal decomposition characteristics of microwave liquefied rape straw residues using thermogravimetric analysis. Journal of Thermal Analysis and Calorimetry, 2018, 131, 1911-1918.	3.6	4
17	Fractionation and Potential Applications of Components from Microwave Liquefaction of Chromate Copper Arsenate-Treated Wood. BioResources, 2018, 13, .	1.0	2
18	Bio-based UV protective films prepared with polylactic acid (PLA) and Phoebe zhennan extractives. International Journal of Biological Macromolecules, 2018, 119, 582-587.	7.5	40

#	Article	IF	Citations
19	Anatomical characteristics and physicalâ€“mechanical properties of Neosinocalamus affinis from Southwest China. European Journal of Wood and Wood Products, 2017, 75, 659-662.	2.9	6
20	Characterization of Biobased Polyurethane Foams Employing Lignin Fractionated from Microwave Liquefied Switchgrass. International Journal of Polymer Science, 2017, 2017, 1-8.	2.7	23
21	Dilute Alkali and Hydrogen Peroxide Treatment of Microwave Liquefied Rape Straw Residue for the Extraction of Cellulose Nanocrystals. Journal of Nanomaterials, 2017, 2017, 1-9.	2.7	12
22	Effect of fabricated density and bamboo species on physicalâ€“mechanical properties of bamboo fiber bundle reinforced composites. Journal of Materials Science, 2016, 51, 7480-7490.	3.7	43
23	Characterization of Microwave Liquefied Bamboo Residue and Its Potential Use in the Generation of Nanofibrillated Cellulosic Fiber. ACS Sustainable Chemistry and Engineering, 2016, 4, 3477-3485.	6.7	31
24	Isolation and characterization of cellulose nanofibers from bamboo using microwave liquefaction combined with chemical treatment and ultrasonication. Carbohydrate Polymers, 2016, 151, 725-734.	10.2	152
25	Optimization for microwave-assisted direct liquefaction of bamboo residue in glycerol/methanol mixtures. Journal of Forestry Research, 2015, 26, 261-265.	3.6	20
26	Effects of characteristic inhomogeneity of bamboo culm nodes on mechanical properties of bamboo fiber reinforced composite. Journal of Forestry Research, 2015, 26, 1057-1060.	3.6	23
27	Comparative analysis of modern and ancient buried Phoebe zhennan wood: surface color, chemical components, infrared spectroscopy, and essential oil composition. Journal of Forestry Research, 2015, 26, 501-507.	3.6	17
28	Liquefaction behaviors of bamboo residues in a glycerolâ€based solvent using microwave energy. Journal of Applied Polymer Science, 2014, 131, .	2.6	16
29	Effect of accelerated aging on selected physical and mechanical properties of Bambusa rigida bamboo. European Journal of Wood and Wood Products, 2014, 72, 547-549.	2.9	10
30	Analysis of Phyllostachys pubescens Bamboo Residues for Liquefaction: Chemical Components, Infrared Spectroscopy, and Thermogravimetry. BioResources, 2013, 8, .	1.0	9