Yongming Song

List of Publications by Year
in descending order

30 papers	624 citations	759233 12 h-index	610901 24 g-index
31 all docs	31 docs citations	31 times ranked	690 citing authors

#	Article	IF	Citations
1	Effect of zinc borate and wood flour on thermal degradation and fire retardancy of Polyvinyl chloride (PVC) composites. Journal of Analytical and Applied Pyrolysis, 2013, 100, 230-236.	5.5	110
2	Fabrication of flexible wood flour/thermoplastic polyurethane elastomer composites using fused deposition molding. Industrial Crops and Products, 2018, 122, 76-84.	5.2	78
3	An environmentally tolerant, highly stable, cellulose nanofiber-reinforced, conductive hydrogel multifunctional sensor. Carbohydrate Polymers, 2022, 284, 119199.	10.2	66
4	Lightweight, Flexible, Thermally-Stable, and Thermally-Insulating Aerogels Derived from Cotton Nanofibrillated Cellulose. ACS Sustainable Chemistry and Engineering, 2019, 7, 9202-9210.	6.7	52
5	Robust Nanofibrillated Cellulose Hydro/Aerogels from Benign Solution/Solvent Exchange Treatment. ACS Sustainable Chemistry and Engineering, 2018, 6, 6624-6634.	6.7	41
6	Conductive and fire-retardant wood/polyethylene composites based on a continuous honeycomb-like nanoscale carbon black network. Construction and Building Materials, 2020, 233, 117369.	7.2	26
7	Three-dimensional printing of cellulose nanofibers reinforced PHB/PCL/Fe3O4 magneto-responsive shape memory polymer composites with excellent mechanical properties. Additive Manufacturing, 2021, 46, 102146.	3.0	23
8	Styrene-Assisted Maleic Anhydride Grafted Poly(lactic acid) as an Effective Compatibilizer for Wood Flour/Poly(lactic acid) Bio-Composites. Polymers, 2017, 9, 623.	4.5	21
9	Printability, <scp>shapeâ€memory</scp>, and mechanical properties of <scp>PHB</scp>/<scp>PCL</scp>/<scp>CNFs</scp> composites. Journal of Applied Polymer Science, 2021, 138, 50510.	2.6	21
10	Expandable graphite's versatility and synergy with carbon black and ammonium polyphosphate in improving antistatic and fireâ€retardant properties of wood flour/polypropylene composites. Polymer Composites, 2017, 38, 767-773.	4.6	18
11	Effects of ultraviolet absorbers on the ultraviolet degradation of riceâ€hull/highâ€density polyethylene composites. Journal of Applied Polymer Science, 2012, 126, 906-915.	2.6	14
12	Efficient flame-retardant hybrid coatings on wood plastic composites by layer-by-layer assembly. Journal of Cleaner Production, 2021, 321, 128949.	9.3	14
13	Effects of lubricants on the rheological and mechanical properties of wood flour/polypropylene composites. Journal of Applied Polymer Science, 2019, 136, 47667.	2.6	13
14	The influence of zinc compounds on thermal stability and flame retardancy of wood flour polyvinyl chloride composites. Construction and Building Materials, 2022, 320, 126203.	7.2	11
15	Interface Bonding Properties and Mechanism of Poplar Board-Veneered Wood Fiber/Polypropylene Composites with Chlorinated Polypropylene Films as an Intermediate Layer. Langmuir, 2019, 35, 13934-13941.	3.5	10
16	Role of Wood Fibers in Tuning Dynamic Rheology, Non-Isothermal Crystallization, and Microcellular Structure of Polypropylene Foams. Materials, 2019, 12, 106.	2.9	10
17	Increased expansion ratio, cell density, and compression strength of microcellular poly(lactic acid) foams via lignin graft poly(lactic acid) as a biobased nucleating agent. Polymers for Advanced Technologies, 2020, 31, 2239-2249.	3.2	10
18	Fabrication of long bamboo fiber-reinforced thermoplastic composite by extrusion and improvement of its properties. Industrial Crops and Products, 2021, 173, 114120.	5.2	10

#	Article	IF	Citations
19	Stretchable, sensitive, and environment-tolerant ionic conductive organohydrogel reinforced with cellulose nanofibers for human motion monitoring. Cellulose, 2022, 29, 1897-1909.	4.9	10
20	Improvement in compatibility and mechanical properties of modified wood fiber/polypropylene composites. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2008, 3, 243-247.	0.2	9
21	Effects of chemical modification of wood flour on the rheological properties of highâ€density polyethylene blends. Journal of Applied Polymer Science, 2014, 131, .	2.6	9
22	Preparation of Desirable Porous Cell Structure Polylactide/Wood Flour Composite Foams Assisted by Chain Extender. Materials, 2017, 10, 999.	2.9	9
23	Enhancing the flame retardancy and mechanical properties of veneered wood flour/polyvinyl chloride composites. Polymer Composites, 2020, 41, 848-857.	4.6	9
24	Simultaneously improving the toughness and stiffness of wood flour/polypropylene composites using elastomer A669/talcum blends. Polymer Composites, 2019, 40, 1335-1341.	4.6	7
25	Non-isothermal crystallization kinetics of wood-flour/polypropylene composites in the presence of Î²-nucleating agent. Journal of Forestry Research, 2016, 27, 949-958.	3.6	6
26	Impact of lithium chloride on the performance of wood fiber reinforced polyamide 6/highâ€density polyethylene blend composites. Polymer Composites, 2019, 40, 4608-4618.	4.6	6
27	Effect of nano <scp>TiO₂</scp> on the cellular structure and mechanical properties of wood flour/polypropylene composite foams via moldâ€opening foam injection molding. Journal of Applied Polymer Science, 2022, 139, .	2.6	5
28	Preparation and characterization of woodâ€fiberâ€reinforced polyamide 6â€“polypropylene blend composites. Journal of Applied Polymer Science, 2019, 136, 47413.	2.6	4
29	Reinforcement of wood flour/HDPE composite with a copolyester of pâ€hydroxy benzoic acid and 2â€hydroxyâ€6â€naphthoic acid. Journal of Applied Polymer Science, 2019, 136, 47338.	2.6	2
30	Nonlinear tensile behavior of cotton fabric reinforced polypropylene composites. Journal of Applied Polymer Science, 2021, 138, 49780.	2.6	0