Ping Xue

List of Publications by Year in descending order

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35 papers	407 citations	759233 12 h-index	839539 18 g-index
36 all docs	36 docs citations	36 times ranked	438 citing authors

#	Article	IF	Citations
1	Thermal actuation shape memory of ultra-high-molecular-weight polyethylene (UHMWPE) with molecular orientation. Materials Letters, 2022, 325, 132813.	2.6	5
2	Additive manufacturing of wood flour/polyhydroxyalkanoates (PHA) fully bio-based composites based on micro-screw extrusion system. Materials and Design, 2021, 199, 109418.	7.0	31
3	Development of program-driven plug-in for conical counter-rotating twin screw based on SolidWorks. Journal of Polymer Engineering, 2021, 41, 320-328.	1.4	0
4	Additive Manufacturing of Wood Flour/PHA Composites Using Micro-Screw Extrusion: Effect of Device and Process Parameters on Performance. Polymers, 2021, 13, 1107.	4.5	7
5	An investigation on shape memory behaviors of UHMWPE-based nanocomposites reinforced by graphene nanoplatelets. Polymer Testing, 2021, 99, 107217.	4.8	14
6	Impregnation modeling and preparation optimization of continuous glass fiber reinforced polylactic acid filament for <scp>3D</scp> printing. Polymer Composites, 2021, 42, 5731-5742.	4.6	19
7	Effect of Material Properties on the Foaming Behaviors of PP-Based Wood Polymer Composites Prepared with the Application of Spherical Cavity Mixer. Polymers, 2021, 13, 3179.	4.5	0
8	The influence of formation temperatures on the crystal structure and mechanical properties of ultrahigh-molecular-weight polyethylene/high-density polyethylene-blend fibers prepared by melt spinning. Journal of Industrial Textiles, 2020, 49, 1011-1035.	2.4	11
9	Effect of die structure on the properties of self-reinforced polypropylene/noil ramie fiber composites prepared by solid-state extrusion. Journal of Polymer Research, 2020, 27, 1.	2.4	3
10	Study on Preparation of Ultra-High-Molecular-Weight Polyethylene Pipe of Good Thermal-Mechanical Properties Modified with Organo-Montmorillonite by Screw Extrusion. Materials, 2020, 13, 3342.	2.9	11
11	Application of cerium phosphate in preparing anti-ultraviolet PET fibers with masterbatch method. Journal of Polymer Research, 2020, 27, 1.	2.4	7
12	Characterization of plasticizing process of single screw extruder with grooved melting zone. Journal of Polymer Research, 2020, 27, 1.	2.4	2
13	Thermal and mechanical properties of the continuous glass fibers reinforced PVC composites prepared by the wet powder impregnation technology. Journal of Polymer Research, 2020, 27, 1.	2.4	11
14	Mechanical and Thermal Properties of All-Wood Biocomposites through Controllable Dissolution of Cellulose with Ionic Liquid. Polymers, 2020, 12, 361.	4.5	6
15	Effect of PEW and CS on the Thermal, Mechanical, and Shape Memory Properties of UHMWPE. Polymers, 2020, 12, 483.	4.5	17
16	Effect of processing conditions on the microstructure of microcellular PP/WF composites prepared by the continuous extrusion molding technology. Materials Research Express, 2020, 7, 015308.	1.6	4
17	Hemp-based all-cellulose composites through ionic liquid promoted controllable dissolution and structural control. Carbohydrate Polymers, 2020, 235, 116027.	10.2	22
18	High-Precision Monitoring of Average Molecular Weight of Polyethylene Wax from Waste High-Density Polyethylene. Polymers, 2020, 12, 188.	4.5	9

#	Article	IF	Citations
19	Research on the preparation and properties of foamed PP/wood flour composites. Materials Research Express, 2020, 7, 035308.	1.6	3
20	Effect of Polymer Blends on the Properties of Foamed Wood-Polymer Composites. Materials, 2019, 12, 1971.	2.9	12
21	Extrusion foaming behavior of wood plastic composites based on PP/POE blends. Materials Research Express, 2019, 6, 115345.	1.6	5
22	Electrochemical Sensors Fabricated by Electrospinning Technology: An Overview. Sensors, 2019, 19, 3676.	3.8	70
23	Rheological behavior and flow instability in capillary extrusion of ultrahighâ€molecularâ€weight polyethylene/highâ€density polyethylene/nanoâ€SiO 2 blends. Journal of Applied Polymer Science, 2019, 136, 47713.	2.6	4
24	Influence of interfacial condition on rheological instability behavior of UHMWPE/HDPE/nano-SiO2 blends in capillary extrusion. Rheologica Acta, 2019, 58, 183-192.	2.4	9
25	Thermoplastic Reaction Injection Pultrusion for Continuous Glass Fiber-Reinforced Polyamide-6 Composites. Materials, 2019, 12, 463.	2.9	28
26	Optimization of initiator and activator for reactive thermoplastic pultrusion. Journal of Polymer Research, 2019, 26, 1.	2.4	10
27	Experimental investigation of the single screw extruder with grooved melting zone. Polymer Engineering and Science, 2018, 58, 1555-1563.	3.1	4
28	Melting performance of single screw extruders with a grooved melting zone. Journal of Polymer Research, 2018, 25, 1.	2.4	3
29	The property of polycarbonate/acrylonitrile butadiene styreneâ€based conductive composites filled by nickelâ€coated carbon fiber and nickelâ€“graphite powder. Polymer Composites, 2017, 38, 157-163.	4.6	13
30	Crystal Structure Evolution of UHMWPE/HDPE Blend Fibers Prepared by Melt Spinning. Polymers, 2017, 9, 96.	4.5	19
31	The solids conveying mechanism for helically grooved single-screw extruders. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 693-700.	1.0	1
32	Biodegradation and mechanical property of polylactic acid/thermoplastic starch blends with poly (ethylene glycol). Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 157-162.	1.0	15
33	The effect of processing conditions on the mechanical properties and morphology of self-reinforced wood-polymer composite. Polymer Composites, 2013, 34, 1567-1574.	4.6	9
34	Effect of photostablizers on surface color and mechanical property of wood-flour/HDPE composites after weathering. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 621-627.	1.0	10
35	Creep behaviour of wood flour/poly(vinyl chloride) composites. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 440-447.	1.0	13