

Ping Xue

List of Publications by Year in descending order

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papers

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759233

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#	ARTICLE	IF	CITATIONS
1	Electrochemical Sensors Fabricated by Electrospinning Technology: An Overview. <i>Sensors</i> , 2019, 19, 3676.	3.8	70
2	Additive manufacturing of wood flour/polyhydroxyalkanoates (PHA) fully bio-based composites based on micro-screw extrusion system. <i>Materials and Design</i> , 2021, 199, 109418.	7.0	31
3	Thermoplastic Reaction Injection Pultrusion for Continuous Glass Fiber-Reinforced Polyamide-6 Composites. <i>Materials</i> , 2019, 12, 463.	2.9	28
4	Hemp-based all-cellulose composites through ionic liquid promoted controllable dissolution and structural control. <i>Carbohydrate Polymers</i> , 2020, 235, 116027.	10.2	22
5	Crystal Structure Evolution of UHMWPE/HDPE Blend Fibers Prepared by Melt Spinning. <i>Polymers</i> , 2017, 9, 96.	4.5	19
6	Impregnation modeling and preparation optimization of continuous glass fiber reinforced polylactic acid filament for 3D printing. <i>Polymer Composites</i> , 2021, 42, 5731-5742.	4.6	19
7	Effect of PEW and CS on the Thermal, Mechanical, and Shape Memory Properties of UHMWPE. <i>Polymers</i> , 2020, 12, 483.	4.5	17
8	Biodegradation and mechanical property of polylactic acid/thermoplastic starch blends with poly (ethylene glycol). <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 157-162.	1.0	15
9	An investigation on shape memory behaviors of UHMWPE-based nanocomposites reinforced by graphene nanoplatelets. <i>Polymer Testing</i> , 2021, 99, 107217.	4.8	14
10	Creep behaviour of wood flour/poly(vinyl chloride) composites. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2009, 24, 440-447.	1.0	13
11	The property of polycarbonate/acrylonitrile butadiene styrene-based conductive composites filled by nickel-coated carbon fiber and nickel-graphite powder. <i>Polymer Composites</i> , 2017, 38, 157-163.	4.6	13
12	Effect of Polymer Blends on the Properties of Foamed Wood-Polymer Composites. <i>Materials</i> , 2019, 12, 1971.	2.9	12
13	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. <i>Journal of Industrial Textiles</i> , 2020, 49, 1011-1035.	2.4	11
14	Study on Preparation of Ultra-High-Molecular-Weight Polyethylene Pipe of Good Thermal-Mechanical Properties Modified with Organo-Montmorillonite by Screw Extrusion. <i>Materials</i> , 2020, 13, 3342.	2.9	11
15	Thermal and mechanical properties of the continuous glass fibers reinforced PVC composites prepared by the wet powder impregnation technology. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	11
16	Effect of photostabilizers on surface color and mechanical property of wood-flour/HDPE composites after weathering. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012, 27, 621-627.	1.0	10
17	Optimization of initiator and activator for reactive thermoplastic pultrusion. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	10
18	The effect of processing conditions on the mechanical properties and morphology of self-reinforced wood-polymer composite. <i>Polymer Composites</i> , 2013, 34, 1567-1574.	4.6	9

#	ARTICLE	IF	CITATIONS
19	Influence of interfacial condition on rheological instability behavior of UHMWPE/HDPE/nano-SiO ₂ blends in capillary extrusion. <i>Rheologica Acta</i> , 2019, 58, 183-192.	2.4	9
20	High-Precision Monitoring of Average Molecular Weight of Polyethylene Wax from Waste High-Density Polyethylene. <i>Polymers</i> , 2020, 12, 188.	4.5	9
21	Application of cerium phosphate in preparing anti-ultraviolet PET fibers with masterbatch method. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	7
22	Additive Manufacturing of Wood Flour/PHA Composites Using Micro-Screw Extrusion: Effect of Device and Process Parameters on Performance. <i>Polymers</i> , 2021, 13, 1107.	4.5	7
23	Mechanical and Thermal Properties of All-Wood Biocomposites through Controllable Dissolution of Cellulose with Ionic Liquid. <i>Polymers</i> , 2020, 12, 361.	4.5	6
24	Extrusion foaming behavior of wood plastic composites based on PP/POE blends. <i>Materials Research Express</i> , 2019, 6, 115345.	1.6	5
25	Thermal actuation shape memory of ultra-high-molecular-weight polyethylene (UHMWPE) with molecular orientation. <i>Materials Letters</i> , 2022, 325, 132813.	2.6	5
26	Experimental investigation of the single screw extruder with grooved melting zone. <i>Polymer Engineering and Science</i> , 2018, 58, 1555-1563.	3.1	4
27	Rheological behavior and flow instability in capillary extrusion of ultrahigh-molecular-weight polyethylene/high-density polyethylene/nano-SiO ₂ blends. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47713.	2.6	4
28	Effect of processing conditions on the microstructure of microcellular PP/WF composites prepared by the continuous extrusion molding technology. <i>Materials Research Express</i> , 2020, 7, 015308.	1.6	4
29	Melting performance of single screw extruders with a grooved melting zone. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	3
30	Effect of die structure on the properties of self-reinforced polypropylene/noil ramie fiber composites prepared by solid-state extrusion. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	3
31	Research on the preparation and properties of foamed PP/wood flour composites. <i>Materials Research Express</i> , 2020, 7, 035308.	1.6	3
32	Characterization of plasticizing process of single screw extruder with grooved melting zone. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	2
33	The solids conveying mechanism for helically grooved single-screw extruders. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 693-700.	1.0	1
34	Development of program-driven plug-in for conical counter-rotating twin screw based on SolidWorks. <i>Journal of Polymer Engineering</i> , 2021, 41, 320-328.	1.4	0
35	Effect of Material Properties on the Foaming Behaviors of PP-Based Wood Polymer Composites Prepared with the Application of Spherical Cavity Mixer. <i>Polymers</i> , 2021, 13, 3179.	4.5	0