Yuqi Zhou

List of Publications by Year
in descending order

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Version: 2024-02-01

32 papers	548 citations	567281 15 h-index	677142 22 g-index
32 all docs	32 docs citations	32 times ranked	622 citing authors

#	Article	IF	Citations
1	Simultaneously enhance the fire safety and mechanical properties of PLA by incorporating a cyclophosphazene-based flame retardant. E-Polymers, 2022, 22, 411-429.	3.0	11
2	Superelastic Polyimide Nanofiber-Based Aerogels Modified with Silicone Nanofilaments for Ultrafast Oil/Water Separation. ACS Applied Materials & Interfaces, 2021, 13, 20489-20500.	8.0	53
3	The preparation of electrospun PVDF/TBAC multi morphology nanofiber membrane and its application in direct contact membrane distillation. Macromolecular Rapid Communications, 2021, , 2100286.	3.9	4
4	Preparation of Centella asiatica loaded gelatin/chitosan/nonwoven fabric composite hydrogel wound dressing with antibacterial property. International Journal of Biological Macromolecules, 2021, 192, 350-359.	7.5	23
5	Solvent Vapor Strengthened Polyimide Nanofiber-Based Aerogels with High Resilience and Controllable Porous Structure. ACS Applied Materials & Interfaces, 2020, 12, 53104-53114.	8.0	18
6	Preparation of PI/PTFEâ€“PAI Composite Nanofiber Aerogels with Hierarchical Structure and High-Filtration Efficiency. Nanomaterials, 2020, 10, 1806.	4.1	12
7	Hierarchical Structured Polyimideâ€“Silica Hybrid Nano/Microfiber Filters Welded by Solvent Vapor for Air Filtration. Polymers, 2020, 12, 2494.	4.5	11
8	Robust polyimide nano/microfibre aerogels welded by solvent-vapour for environmental applications. Royal Society Open Science, 2019, 6, 190596.	2.4	21
9	Hydrogen Bond between Molybdate and Glucose for the Formation of Carbon-Loaded MoS₂ Nanocomposites with High Electrochemical Performance. ACS Applied Materials & Interfaces, 2019, 11, 34430-34440.	8.0	19
10	Facile fabrication and characterization on alginate microfibres with grooved structure via microfluidic spinning. Royal Society Open Science, 2019, 6, 181928.	2.4	20
11	Morphology and crystallization behavior of poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/polyhedral oligomeric silsesquioxane hybrids. RSC Advances, 2019, 9, 8146-8158.	3.6	7
12	Morphology, Structure, and Properties of Conductive Polylactide Fibers Prepared Using Polyvinyl Acetate and Multiwalled Carbon Nanotubes. Coatings, 2019, 9, 651.	2.6	3
13	A review: the effect of the microporous support during interfacial polymerization on the morphology and performances of a thin film composite membrane for liquid purification. RSC Advances, 2019, 9, 35417-35428.	3.6	69
14	Roles of intrinsic Mn3+ sites and lattice oxygen in mechanochemical debromination and mineralization of decabromodiphenyl ether with manganese dioxide. Chemosphere, 2018, 207, 41-49.	8.2	27
15	A facile method of preparing highly porous polylactide microfibers. Journal of Applied Polymer Science, 2018, 135, 45860.	2.6	4
16	Biodegradable multiblock copolymers containing poly[(3-hydroxybutyrate)-co-(3-hydroxyvalerate)], poly(ļµ-caprolactone), and polyhedral oligomeric silsesquioxane: synthesis, characterization, and tensile property. Colloid and Polymer Science, 2018, 296, 1667-1677.	2.1	12
17	Structure regulation and properties of melt-electrospinning composite filter materials. Fibers and Polymers, 2017, 18, 1568-1579.	2.1	17
18	Experimental study and prediction of the diameter of melt-electrospinning polypropylene fiber. Fibers and Polymers, 2016, 17, 1227-1237.	2.1	18

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19	Poly(É›â€caprolactone)/polyhedral oligomeric silsesquioxane hybrids: Crystallization behavior and thermal degradation. Journal of Applied Polymer Science, 2016, 133, .	2.6	2
20	Structure and mechanical property of polylactide fibers manufactured by air drawing. Textile Reseach Journal, 2016, 86, 948-959.	2.2	6
21	Blends of polylactide and poly(3â€hydroxybutyrateâ€coâ€3â€hydroxyvalerate) with low content of hydroxyvalerate unit: Morphology, structure, and property. Journal of Applied Polymer Science, 2015, 132, .	2.6	26
22	Structure and filtration performance of fibrous composite membranes containing environmentally friendly materials for water purification. Fibers and Polymers, 2015, 16, 2586-2592.	2.1	10
23	Effect of benzimidazolium salt on dispersion and properties of polyphenylene sulfide/organic clay nanocomposites via melt intercalation. Fibers and Polymers, 2015, 16, 1220-1229.	2.1	10
24	Poly(3-hydroxybutyrate) and Poly(3-hydroxybutyrate-co-3-hydroxyvalerate): Structure, Property, and Fiber. International Journal of Polymer Science, 2014, 2014, 1-11.	2.7	31
25	Miscibility and Phase Morphology of Polylactide/Poly(vinyl acetate-co-vinyl alcohol) Blends Obtained by Melt Mixing. Polymer-Plastics Technology and Engineering, 2014, 53, 1590-1597.	1.9	7
26	Preparation and thermal properties of polyphenylene sulfide/organic montmorillonite composites. Fibers and Polymers, 2014, 15, 1685-1693.	2.1	17
27	Nonisothermal Crystallization Kinetics of Poly(lactic acid)/Nanosilica Composites. Journal of Macromolecular Science - Physics, 2013, 52, 334-343.	1.0	16
28	Blends of polylactide/thermoplactic elastomer: Miscibility, physical aging and crystallization behaviors. Fibers and Polymers, 2013, 14, 1688-1698.	2.1	26
29	Particular thermal properties of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) oligomers. Journal of Polymer Research, 2012, 19, 1.	2.4	12
30	Nonisothermal Crystallization Kinetics of Poly(Ïµ-caprolactone)/Zinc Oxide Nanocomposites with High Zinc Oxide Content. Journal of Macromolecular Science - Physics, 2011, 50, 2366-2375.	1.0	6
31	Block copolymers containing poly (3-hydroxybutyrate-co-3-hydroxyvalerate) and poly (É›-caprolactone) units: Synthesis, characterization and thermal degradation. Fibers and Polymers, 2011, 12, 848-856.	2.1	13
32	Nonisothermal crystallization kinetics of poly(Îµâ€caprolactone) blocks in double crystalline triblock copolymers containing poly(3â€hydroxybutyrateâ€coâ€3â€hydroxyvalerate) and poly(Îµâ€caprolactone) units. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 2288-2295.	2.1	17