

Yuqi Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2621754/publications.pdf>

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	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
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	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
4	Roles of intrinsic Mn ³⁺ sites and lattice oxygen in mechanochemical debromination and mineralization of decabromodiphenyl ether with manganese dioxide. Chemosphere, 2018, 207, 41-49.	8.2	27
5	Blends of polylactide/thermoplastic elastomer: Miscibility, physical aging and crystallization behaviors. Fibers and Polymers, 2013, 14, 1688-1698.	2.1	26
6	Blends of polylactide and poly(3-hydroxybutyrate-co-3-hydroxyvalerate) with low content of hydroxyvalerate unit: Morphology, structure, and property. Journal of Applied Polymer Science, 2015, 132, .	2.6	26
7	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
8	Robust polyimide nano/microfibre aerogels welded by solvent-vapour for environmental applications. Royal Society Open Science, 2019, 6, 190596.	2.4	21
9	Facile fabrication and characterization on alginate microfibrils with grooved structure via microfluidic spinning. Royal Society Open Science, 2019, 6, 181928.	2.4	20
10	Hydrogen Bond between Molybdate and Glucose for the Formation of Carbon-Loaded MoS ₂ Nanocomposites with High Electrochemical Performance. ACS Applied Materials & Interfaces, 2019, 11, 34430-34440.	8.0	19
11	Experimental study and prediction of the diameter of melt-electrospinning polypropylene fiber. Fibers and Polymers, 2016, 17, 1227-1237.	2.1	18
12	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
13	Nonisothermal crystallization kinetics of poly(ϵ -caprolactone) blocks in double crystalline triblock copolymers containing poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and poly(μ -caprolactone) units. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 2288-2295.	2.1	17
14	Preparation and thermal properties of polyphenylene sulfide/organic montmorillonite composites. Fibers and Polymers, 2014, 15, 1685-1693.	2.1	17
15	Structure regulation and properties of melt-electrospinning composite filter materials. Fibers and Polymers, 2017, 18, 1568-1579.	2.1	17
16	Nonisothermal Crystallization Kinetics of Poly(lactic acid)/Nanosilica Composites. Journal of Macromolecular Science - Physics, 2013, 52, 334-343.	1.0	16
17	Block copolymers containing poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and poly(ϵ -caprolactone) units: Synthesis, characterization and thermal degradation. Fibers and Polymers, 2011, 12, 848-856.	2.1	13
18	Particular thermal properties of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) oligomers. Journal of Polymer Research, 2012, 19, 1.	2.4	12

#	ARTICLE	IF	CITATIONS
19	Biodegradable multiblock copolymers containing poly[(3-hydroxybutyrate)-co-(3-hydroxyvalerate)], poly(μ -caprolactone), and polyhedral oligomeric silsesquioxane: synthesis, characterization, and tensile property. <i>Colloid and Polymer Science</i> , 2018, 296, 1667-1677.	2.1	12
20	Preparation of PI/PTFE/PAA Composite Nanofiber Aerogels with Hierarchical Structure and High-Filtration Efficiency. <i>Nanomaterials</i> , 2020, 10, 1806.	4.1	12
21	Hierarchical Structured Polyimide/Silica Hybrid Nano/Microfiber Filters Welded by Solvent Vapor for Air Filtration. <i>Polymers</i> , 2020, 12, 2494.	4.5	11
22	Simultaneously enhance the fire safety and mechanical properties of PLA by incorporating a cyclophosphazene-based flame retardant. <i>E-Polymers</i> , 2022, 22, 411-429.	3.0	11
23	Structure and filtration performance of fibrous composite membranes containing environmentally friendly materials for water purification. <i>Fibers and Polymers</i> , 2015, 16, 2586-2592.	2.1	10
24	Effect of benzimidazolium salt on dispersion and properties of polyphenylene sulfide/organic clay nanocomposites via melt intercalation. <i>Fibers and Polymers</i> , 2015, 16, 1220-1229.	2.1	10
25	Miscibility and Phase Morphology of Polylactide/Poly(vinyl acetate-co-vinyl alcohol) Blends Obtained by Melt Mixing. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 1590-1597.	1.9	7
26	Morphology and crystallization behavior of poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/polyhedral oligomeric silsesquioxane hybrids. <i>RSC Advances</i> , 2019, 9, 8146-8158.	3.6	7
27	Nonisothermal Crystallization Kinetics of Poly(μ -caprolactone)/Zinc Oxide Nanocomposites with High Zinc Oxide Content. <i>Journal of Macromolecular Science - Physics</i> , 2011, 50, 2366-2375.	1.0	6
28	Structure and mechanical property of polylactide fibers manufactured by air drawing. <i>Textile Research Journal</i> , 2016, 86, 948-959.	2.2	6
29	A facile method of preparing highly porous polylactide microfibers. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45860.	2.6	4
30	The preparation of electrospun PVDF/TBAC multi morphology nanofiber membrane and its application in direct contact membrane distillation. <i>Macromolecular Rapid Communications</i> , 2021, , 2100286.	3.9	4
31	Morphology, Structure, and Properties of Conductive Polylactide Fibers Prepared Using Polyvinyl Acetate and Multiwalled Carbon Nanotubes. <i>Coatings</i> , 2019, 9, 651.	2.6	3
32	Poly(μ -caprolactone)/polyhedral oligomeric silsesquioxane hybrids: Crystallization behavior and thermal degradation. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	2