

Youchen Zhang

List of Publications by Year in descending order

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papers

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citations

1163117

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14
docs citations

14
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253
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Nanofibers: Unique Properties, Fabrication Techniques, and Emerging Applications. ChemistrySelect, 2018, 3, 9127-9143.	1.5	36
2	Effect of Mold Opening Process on Microporous Structure and Properties of Microcellular Polylactide/Poly(lactide Nanocomposites. Polymers, 2018, 10, 554.	4.5	23
3	Water filtration properties of novel composite membranes combining solution electrospinning and needleless melt electrospinning methods. Journal of Applied Polymer Science, 2015, 132, .	2.6	17
4	Interfacial Diffusion and Bonding in Multilayer Polymer Films: A Molecular Dynamics Simulation. Journal of Physical Chemistry B, 2016, 120, 10018-10029.	2.6	16
5	Electrospinning on a plucked string. Journal of Materials Science, 2019, 54, 901-910.	3.7	16
6	High performance anti-smog window screens via electrospun nanofibers. Journal of Applied Polymer Science, 2020, 137, 48657.	2.6	11
7	Polymer melt differential electrospinning from a linear slot spinneret. Journal of Applied Polymer Science, 2020, 137, 48922.	2.6	11
8	Effect of in situ fibrillation on polyethylene/poly(ethylene terephthalate)/multiwalled carbon nanotube electromagnetic shielding foams. Polymer Engineering and Science, 2021, 61, 2974-2984.	3.1	10
9	Mechanical and dielectric properties and crystalline behavior of multilayer graphite-filled polyethylene composites. Journal of Applied Polymer Science, 2019, 136, 48131.	2.6	7
10	Microwave and oxygen co-assisted rapid polymerization of dopamine. Materials Letters, 2022, 309, 131351.	2.6	5
11	String electrospinning based on the standing wave vibration. Journal of Materials Science, 2021, 56, 9518-9531.	3.7	2
12	Molecular Structure Effect of a Self-Assembled Monolayer on Thermal Resistance across an Interface. Polymers, 2021, 13, 3732.	4.5	2
13	Reliability Analysis of Main Steam Pipe Containing Defects. Procedia Engineering, 2012, 43, 150-155.	1.2	1
14	Interfacial thermal resistance in polymer composites: a molecular dynamic perspective. Molecular Simulation, 2022, 48, 902-925.	2.0	1