

Youchen Zhang

List of Publications by Year in descending order

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14
papers

158
citations

1163117

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1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

253
citing authors

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