

Weiwan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

260
citations

1040056

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h-index

940533

16
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19
docs citations

19
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Melamine-Crosslinked Polyimide Aerogels from Supercritical Ethanol Drying with Improved In-Use Shape Stability Against Shrinking. <i>Macromolecular Materials and Engineering</i> , 2022, 307, 2100645.	3.6	6
2	Polyimide aerogels using melamine as an economical yet effective crosslinker. <i>Journal of Porous Materials</i> , 2021, 28, 1155-1165.	2.6	11
3	Use of polarizability to correct the group-contributed normal boiling points of perfluorinated compounds. <i>Fluid Phase Equilibria</i> , 2021, 533, 112950.	2.5	1
4	Synthesis and characterization of amino-terminated phosphorous polyborosiloxane and its effect on flame retardancy of polymethacrylimide. <i>Materials Today Chemistry</i> , 2021, 20, 100437.	3.5	6
5	Thermal insulation fibers with a Kevlar aerogel core and a porous Nomex shell. <i>RSC Advances</i> , 2021, 11, 34828-34835.	3.6	12
6	Electrospinning of continuous nanofiber hollow yarns for thermal storage and insulation by a multi-step twisting method. <i>Textile Research Journal</i> , 2020, 90, 1045-1056.	2.2	7
7	Poly (m-phenylene isophthalamide)/graphene composite aerogels with enhanced compressive shape stability for thermal insulation. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 96, 370-381.	2.4	3
8	Experimental and theoretical studies on the atmospheric degradation of 1, 1, 2, 2, 3, 3, 4-heptafluorocyclopentane. <i>Atmospheric Environment</i> , 2019, 196, 38-43.	4.1	12
9	Prediction of thermal skin burn based on the combined mathematical model of the skin and clothing. <i>Journal of the Textile Institute</i> , 2018, 109, 1606-1612.	1.9	7
10	The Preparation and Characterization of Ultrafine Fatty Acid Ester/Poly(meta-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (is Polymers, 2018, 19, 498-506.	2.1	9
11	Hydroxypropyl cellulose-based esters for thermal energy storage by grafting with palmitic-stearic binary acids. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	7
12	Review on modeling heat transfer and thermoregulatory responses in human body. <i>Journal of Thermal Biology</i> , 2016, 62, 189-200.	2.5	63
13	Continuous aligned poly(meta-phenylene isophthalamide) fibers via stable jet electrospinning. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	6
14	Ultrafine lauric-myristic acid eutectic/poly (meta-phenylene isophthalamide) form-stable phase change fibers for thermal energy storage by electrospinning. <i>Applied Energy</i> , 2016, 173, 168-176.	10.1	35
15	Theoretical and experimental studies on the atmospheric degradation of 2-bromo-3,3,3-trifluoropropene. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20543-20550.	2.8	11
16	Experimental and theoretical studies on the thermal decomposition of 1,1,2,2,3,3,4-heptafluorocyclopentane. <i>Journal of Fluorine Chemistry</i> , 2014, 164, 70-77.	1.7	11
17	The study of thermal decomposition of 2-bromo-3,3,3-trifluoropropene and its fire-extinguishing mechanism. <i>Journal of Fluorine Chemistry</i> , 2013, 153, 101-106.	1.7	35
18	A Reinforcement Design Method Based on Analysis of Large Openings in Cylindrical Pressure Vessels. <i>Journal of Pressure Vessel Technology</i> , <i>Transactions of the ASME</i> , 1996, 118, 502-506.	0.6	18