

Weiwang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

260
citations

1040056

9
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

250
citing authors

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