

Rui Wang

List of Publications by Year in descending order

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18
papers

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1307594

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18
all docs

18
docs citations

18
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength design of tubular textile composites for pipeline rehabilitation under internal pressure. International Journal of Pressure Vessels and Piping, 2022, 195, 104572.	2.6	2
2	Enhancement of the quasi-static stab resistance of Kevlar fabrics impregnated with shear thickening fluid. Journal of Materials Research and Technology, 2022, 18, 3673-3683.	5.8	15
3	Design of pipe diameter of polyester-ramie nonwoven lining material for pipeline rehabilitation. Polymer Composites, 2020, 41, 1490-1499.	4.6	3
4	The Design and Manufacture of a Multilayer Low-Temperature Protective Composite Fabric Based on Active Heating Materials and Passive Insulating Materials. Polymers, 2019, 11, 1616.	4.5	6
5	Design of a novel multilayer low-temperature protection composite based on phase change microcapsules. Journal of Applied Polymer Science, 2019, 136, 47534.	2.6	12
6	A novel assembled carbon black/carbon nanotubes (CB/MWCNT) nano-structured composite for pressure-sensitive conductive silicon rubber (SR). Journal of Materials Science: Materials in Electronics, 2018, 29, 2716-2724.	2.2	7
7	Shear-Thickening Fluid Using Oxygen-Plasma-Modified Multi-Walled Carbon Nanotubes to Improve the Quasi-Static Stab Resistance of Kevlar Fabrics. Polymers, 2018, 10, 1356.	4.5	27
8	Synthesis and Performances of Phase Change Microcapsules with a Polymer/Diatomite Hybrid Shell for Thermal Energy Storage. Polymers, 2018, 10, 601.	4.5	7
9	Improvements in the thermal conductivity and mechanical properties of phase-change microcapsules with oxygen-plasma-modified multiwalled carbon nanotubes. Journal of Applied Polymer Science, 2017, 134, 45269.	2.6	21
10	Synthesis of n-alkane mixture microcapsule and its application in low-temperature protective fabric. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 525-531.	1.0	4
11	Preparation of MWCNTs/CuPc/Ag modified conductive polyester fiber with chemical liquid deposition. Journal of Materials Science: Materials in Electronics, 2016, 27, 1416-1420.	2.2	3
12	Microwave-assisted synthesis and characterization of acetylated corn starch. Starch/Staerke, 2014, 66, 515-523.	2.1	19
13	Post-Annealing on the Electrical Properties of Ta-Doped In_2O_3 Transparent Conductive Films. Applied Mechanics and Materials, 2012, 251, 387-391.	0.2	1
14	Influence of post-annealing on the properties of Ta-doped In_2O_3 transparent conductive films. Science Bulletin, 2011, 56, 1535-1538.	1.7	7
15	Annealing Treatment of the SnO_2 Thin Film Prepared by Sol-Gel Method. Advanced Materials Research, 2011, 331, 194-197.	0.3	6
16	Micro Humidity Sensor with High Sensitivity and Quick Response/Recovery Based on ZnO/TiO_2 Composite Nanofibers. Chinese Physics Letters, 2011, 28, 070702.	3.3	27
17	Direct manufacturing of flax fibers reinforced low melting point PET composites from nonwoven mats. Fibers and Polymers, 2010, 11, 218-222.	2.1	9
18	Hot-pressing design of tubular polyester nonwoven lining material for pipeline rehabilitation. Journal of Industrial Textiles, 0, , 152808372110277.	2.4	0