

Rui Wang

List of Publications by Year in descending order

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18
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1307594

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18
docs citations

18
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Microwave-assisted synthesis and characterization of acetylated corn starch. Starch/Staerke, 2014, 66, 515-523.	2.1	19
5	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
6	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
7	Direct manufacturing of flax fibers reinforced low melting point PET composites from nonwoven mats. Fibers and Polymers, 2010, 11, 218-222.	2.1	9
8	Influence of post-annealing on the properties of Ta-doped In ₂ O ₃ transparent conductive films. Science Bulletin, 2011, 56, 1535-1538.	1.7	7
9	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
10	Synthesis and Performances of Phase Change Microcapsules with a Polymer/Diatomite Hybrid Shell for Thermal Energy Storage. Polymers, 2018, 10, 601.	4.5	7
11	Annealing Treatment of the SnO ₂ Thin Film Prepared by Sol-Gel Method. Advanced Materials Research, 2011, 331, 194-197.	0.3	6
12	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
13	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
14	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
15	Design of pipe diameter of polyester-ramie nonwoven lining material for pipeline rehabilitation. Polymer Composites, 2020, 41, 1490-1499.	4.6	3
16	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
17	Post-Annealing on the Electrical Properties of Ta-Doped In ₂ O ₃ Transparent Conductive Films. Applied Mechanics and Materials, 2012, 251, 387-391.	0.2	1
18	Hot-pressing design of tubular polyester nonwoven lining material for pipeline rehabilitation. Journal of Industrial Textiles, 0, , 152808372110277.	2.4	0