

# Guanhua Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1602324/publications.pdf>

Version: 2024-02-01

10  
papers

138  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of a novel nano phase change material emulsion with low supercooling and enhanced thermal conductivity. <i>Renewable Energy</i> , 2020, 151, 542-550.	8.9	45
2	Dynamic thermo-mechanical and impact properties of helical auxetic yarns. <i>Composites Part B: Engineering</i> , 2016, 99, 494-505.	12.0	28
3	Varying the performance of helical auxetic yarns by altering component properties and geometry. <i>Composite Structures</i> , 2016, 140, 369-377.	5.8	27
4	Large-scale manufacturing of helical auxetic yarns using a novel semi-coextrusion process. <i>Textile Research Journal</i> , 2018, 88, 2590-2601.	2.2	13
5	Preparation and control mechanism of nano-phase change emulsion with high thermal conductivity and low supercooling for thermal energy storage. <i>Energy Reports</i> , 2022, 8, 8301-8311.	5.1	8
6	A kinetic study of the ultrasonically assisted ethyl esterification of fatty acids using an immobilized lipase catalyst and deep eutectic solvent. <i>International Journal of Chemical Kinetics</i> , 2022, 54, 400-412.	1.6	6
7	Investigations of double layer phase change walls with expanded graphite on the temperature and energy consumption. <i>Energy Reports</i> , 2021, 7, 9023-9034.	5.1	5
8	Performance optimization of latent heat storage by structural parameters and operating conditions using Al-based alloy as phase change material. <i>Journal of Renewable and Sustainable Energy</i> , 2021, 13, .	2.0	3
9	Synthesis of Cost-Optimal Heat Exchanger Networks Using a Novel Stochastic Algorithm and a Modified Stage-Wised Superstructure. <i>Processes</i> , 2021, 9, 2060.	2.8	2
10	Numerical and experimental research of the characteristics of concentration solar cells. <i>Frontiers in Energy</i> , 2021, 15, 279-291.	2.3	1