

Mengqing Yang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

163
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Micromechanical modeling for the temperature-dependent yield strength of polymer-matrix nanocomposites. <i>Composites Science and Technology</i> , 2022, 220, 109265.	7.8	6
2	On temperature-dependent interfacial fracture energy/stress intensity factor and matrix cracking in ceramic composites. <i>International Journal of Applied Ceramic Technology</i> , 2022, 19, 2300-2310.	2.1	2
3	A Theoretical Model for Predicting the Ultimate Strength of Superalloys in a Wide Temperature Range. <i>Advanced Engineering Materials</i> , 2022, 24, .	3.5	1
4	Temperature and strain rate sensitivity of yield strength of amorphous polymers: Characterization and modeling. <i>Polymer</i> , 2022, 251, 124936.	3.8	11
5	Saturated water-weakening effects on the compressive behavior of thermally damaged granite. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2022, 45, 2329-2343.	3.4	2
6	Theoretical characterization of the temperature-dependent ultimate tensile strength of short-fiber-reinforced polymer composites. <i>Polymer Composites</i> , 2021, 42, 3933-3942.	4.6	7
7	Modeling the temperature dependent ultimate tensile strength of fiber/polymer composites considering fiber agglomeration. <i>Composites Science and Technology</i> , 2021, 213, 108905.	7.8	18
8	Modeling of Temperature-Dependent Hardness for Pure FCC and HCP Metals. <i>International Journal of Applied Mechanics</i> , 2020, 12, 2050022.	2.2	6
9	Thermal and mechanical performance of unidirectional composites from bamboo fibers with varying volume fractions. <i>Polymer Composites</i> , 2019, 40, 3929-3937.	4.6	32
10	Effect of fiber volume fraction on the thermal and mechanical behavior of polylactide-based composites incorporating bamboo fibers. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46148.	2.6	26
11	Thermo-Mechanical Performance of Polylactide Composites Reinforced with Alkali-Treated Bamboo Fibers. <i>Polymers</i> , 2018, 10, 401.	4.5	52