Mengqing Yang

List of Publications by Year
in descending order

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