Shuang Wang

List of Publications by Year
in descending order

13 papers	69 citations	1684188 5 h-index	1588992 8 g-index
13 all docs	13 docs citations	13 times ranked	32 citing authors

#	Article	IF	Citations
1	A micromechanical model for phase-change composites. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, .	2.1	0
2	Physically Entangled Antiswelling Hydrogels with High Stiffness. Macromolecular Rapid Communications, 2022, 43, .	3.9	6
3	Morphological changes of nanofiber cross-sections due to surface tension. Extreme Mechanics Letters, 2021, 44, 101211.	4.1	6
4	A modified Laurent series for hole/inclusion problems in plane elasticity. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	1.4	2
5	Thermal stress analysis of current-carrying media containing an inclusion with arbitrarily-given shape. Applied Mathematical Modelling, 2020, 79, 753-767.	4.2	2
6	Thermoelastic problem of two arbitrarily-shaped inclusions. Journal of Thermal Stresses, 2020, 43, 1601-1612.	2.0	3
7	In-plane stress analysis of two nanoscale holes under surface tension. Archive of Applied Mechanics, 2020, 90, 1363-1372.	2.2	5
8	Analytic solution for a circular nano-inhomogeneity in a finite matrix. Nano Materials Science, 2019, 1, 116-120.	8.8	9
9	Effective in-plane stiffness of unidirectional periodic nanoporous materials with surface elasticity. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	1.4	5
10	Interface tension-induced stress field around periodic nano-inclusions of arbitrary shape. Mathematics and Mechanics of Solids, 2019, 24, 2844-2857.	2.4	3
11	A Nanoscale Hole of Arbitrary Shape with Surface Elasticity. Journal of Elasticity, 2019, 136, 123-135.	1.9	9
12	Interaction between two nanoscale elliptical holes with surface tension. Mathematics and Mechanics of Solids, 2019, 24, 1556-1566.	2.4	10
13	Surface tension-induced interfacial stresses around a nanoscale inclusion of arbitrary shape. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	9