

Shuang Wang

List of Publications by Year in descending order

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13
papers

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1684188

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