

Jun Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Waves Propagating in Nano-Layered Phononic Crystals with Flexoelectricity, Microstructure, and Micro-Inertia Effects. <i>Nanomaterials</i> , 2022, 12, 1080.	4.1	4
2	Vibration and Wave Analyses in the Functionally Graded Graphene-Reinforced Composite Plates Based on the First-Order Shear Deformation Plate Theory. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3140.	2.5	2
3	Axisymmetric Free Vibration of Soft Electroactive Circular Plates under Biasing Fields. <i>Acta Mechanica Solida Sinica</i> , 2021, 34, 326-345.	1.9	4
4	A self-powered multi-functional sensor based on triboelectric nanogenerator for monitoring states of rotating motion. <i>Nano Energy</i> , 2021, 83, 105857.	16.0	27
5	Large electrostrain induced by reversible domain switching in ordered ferroelectric nanostructures with optimized geometric configurations. <i>Nanotechnology</i> , 2020, 31, 335714.	2.6	4
6	Thickness-twist waves in the nanoplates with flexoelectricity. <i>Mechanics of Advanced Materials and Structures</i> , 2020, , 1-8.	2.6	4
7	Free vibration and active control of pre-stretched multilayered electroactive plates. <i>International Journal of Solids and Structures</i> , 2019, 180-181, 108-124.	2.7	17
8	Phase-field simulations on the electrocaloric properties of ferroelectric nanocylinders with the consideration of surface polarization effect. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	6
9	Dispersion curves of magneto-electro-elastic imperfect cylinders filled with fluid. <i>Mathematics and Mechanics of Solids</i> , 2019, 24, 195-211.	2.4	6
10	Effective piezoelectric coefficients of cement-based 2â€² type piezoelectric composites based on a multiscale homogenization model. <i>Composite Structures</i> , 2018, 194, 170-177.	5.8	8
11	Theoretical and Experimental Study on the Effective Piezoelectric Properties of 1-3 Type Cement-Based Piezoelectric Composites. <i>Materials</i> , 2018, 11, 1698.	2.9	8
12	Tunable band gaps and transmission behavior of SH waves with oblique incident angle in periodic dielectric elastomer laminates. <i>International Journal of Mechanical Sciences</i> , 2018, 146-147, 81-90.	6.7	38
13	Kim model for flux-pinning-induced stress in a long cylindrical superconductor. <i>AIP Advances</i> , 2016, 6, .	1.3	9
14	Propagation of thickness-twist waves in elastic plates with periodically varying thickness and phononic crystals. <i>Ultrasonics</i> , 2014, 54, 1899-1903.	3.9	8
15	Stress effect on the electrocaloric properties of PbTiO ₃ nanocylinders with the consideration of surface polarization. <i>Mechanics of Advanced Materials and Structures</i> , 0, , 1-13.	2.6	1