

Xiang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

251
citations

933447

10
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic model and active vibration control of a membrane antenna structure. <i>JVC/Journal of Vibration and Control</i> , 2018, 24, 4282-4296.	2.6	35
2	Missed Opportunities in Preventing Hospital Readmissions: Redesigning Post-Discharge Checkup Policies. <i>Production and Operations Management</i> , 2018, 27, 2226-2250.	3.8	30
3	Role of Chain Dynamics in the Melt Memory Effect of Crystallization. <i>Macromolecules</i> , 2020, 53, 7887-7898.	4.8	25
4	Piezoelectric Actuator Placement Optimization and Active Vibration Control of a Membrane Structure. <i>Acta Mechanica Solida Sinica</i> , 2018, 31, 66-79.	1.9	23
5	Nonlinear vibration analysis of a membrane based on large deflection theory. <i>JVC/Journal of Vibration and Control</i> , 2018, 24, 2418-2429.	2.6	22
6	Synthesizing and reconfiguring metastable modular metamaterials for adaptive wave propagation control. <i>Journal of Sound and Vibration</i> , 2020, 468, 115114.	3.9	12
7	Reconfigurable topologically protected wave propagation in metastable structure. <i>Journal of Sound and Vibration</i> , 2021, 492, 115819.	3.9	12
8	Weak Shear-Induced Slowdown in Crystallization of Less-Entangled Poly(μ -caprolactone). <i>Macromolecules</i> , 2021, 54, 3347-3357.	4.8	12
9	Wave based active vibration control of a membrane antenna structure. <i>Meccanica</i> , 2018, 53, 2793-2805.	2.0	11
10	Nonlinear vibration control of a membrane antenna structure. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 3273-3285.	1.3	11
11	Role of Post-Acute Care on Hospital Readmission After High-Risk Surgery. <i>Journal of Surgical Research</i> , 2019, 234, 116-122.	1.6	11
12	Active control of large-amplitude vibration of a membrane structure. <i>Nonlinear Dynamics</i> , 2018, 93, 629-642.	5.2	9
13	Strategic health workforce planning. <i>IIE Transactions</i> , 2016, 48, 1127-1138.	2.1	8
14	Thermal Analysis and Rigid-Flexible Coupling Dynamics of a Satellite with Membrane Antenna. <i>International Journal of Aerospace Engineering</i> , 2022, 2022, 1-19.	0.9	7
15	Emergence of bilayer-locked states and synthesis of elastic wave networks in a programmable 3D topological metamaterial. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	6
16	Active nonlinear vibration control of a membrane solar array structure. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2022, 236, 3186-3200.	1.3	5
17	Characterising "bounce-back" readmissions after radical cystectomy. <i>BJU International</i> , 2019, 124, 955-961.	2.5	4
18	Dispersion analysis of a two-dimensional metastable metastructure considering damping and nonlinear effects. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	4

#	ARTICLE	IF	CITATIONS
19	New TA Index-Based Rollover Prevention System for Electric Vehicles. <i>Energies</i> , 2015, 8, 2008-2031.	3.1	2
20	Dynamic readmission prediction using routine postoperative laboratory results after radical cystectomy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020, 38, 255-261.	1.6	2