

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	Active nonlinear vibration control of a membrane solar array structure. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2022, 236, 3186-3200.	1.3	5
2	Emergence of bilayer-locked states and synthesis of elastic wave networks in a programmable 3D topological metamaterial. Applied Physics Letters, 2022, 120, .	3.3	6
3	Thermal Analysis and Rigid-Flexible Coupling Dynamics of a Satellite with Membrane Antenna. International Journal of Aerospace Engineering, 2022, 2022, 1-19.	0.9	7
4	Reconfigurable topologically protected wave propagation in metastable structure. Journal of Sound and Vibration, 2021, 492, 115819.	3.9	12
5	Weak Shear-Induced Slowdown in Crystallization of Less-Entangled Poly(μ -caprolactone). Macromolecules, 2021, 54, 3347-3357.	4.8	12
6	Dispersion analysis of a two-dimensional metastable metastructure considering damping and nonlinear effects. Journal of Applied Physics, 2021, 129, .	2.5	4
7	Synthesizing and reconfiguring metastable modular metamaterials for adaptive wave propagation control. Journal of Sound and Vibration, 2020, 468, 115114.	3.9	12
8	Role of Chain Dynamics in the Melt Memory Effect of Crystallization. Macromolecules, 2020, 53, 7887-7898.	4.8	25
9	Dynamic readmission prediction using routine postoperative laboratory results after radical cystectomy. Urologic Oncology: Seminars and Original Investigations, 2020, 38, 255-261.	1.6	2
10	Nonlinear vibration control of a membrane antenna structure. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 3273-3285.	1.3	11
11	Characterising "bounceback"™ readmissions after radical cystectomy. BJU International, 2019, 124, 955-961.	2.5	4
12	Role of Post-acute Care on Hospital Readmission After High-Risk Surgery. Journal of Surgical Research, 2019, 234, 116-122.	1.6	11
13	Missed Opportunities in Preventing Hospital Readmissions: Redesigning Post-discharge Checkup Policies. Production and Operations Management, 2018, 27, 2226-2250.	3.8	30
14	Active control of large-amplitude vibration of a membrane structure. Nonlinear Dynamics, 2018, 93, 629-642.	5.2	9
15	Piezoelectric Actuator Placement Optimization and Active Vibration Control of a Membrane Structure. Acta Mechanica Solida Sinica, 2018, 31, 66-79.	1.9	23
16	Nonlinear vibration analysis of a membrane based on large deflection theory. JVC/Journal of Vibration and Control, 2018, 24, 2418-2429.	2.6	22
17	Dynamic model and active vibration control of a membrane antenna structure. JVC/Journal of Vibration and Control, 2018, 24, 4282-4296.	2.6	35
18	Wave based active vibration control of a membrane antenna structure. Meccanica, 2018, 53, 2793-2805.	2.0	11

#	ARTICLE	IF	CITATIONS
19	Strategic health workforce planning. IIE Transactions, 2016, 48, 1127-1138.	2.1	8
20	New TA Index-Based Rollover Prevention System for Electric Vehicles. Energies, 2015, 8, 2008-2031.	3.1	2