

Manoj Thota

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

321
citations

1306789

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1588620

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11
all docs

11
docs citations

11
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Concise and high-fidelity predictive criteria for maximizing performance and robustness of bistable energy harvesters. Applied Physics Letters, 2013, 102, .	1.5	80
2	Bistable energy harvesting enhancement with an auxiliary linear oscillator. Smart Materials and Structures, 2013, 22, 125028.	1.8	51
3	Tunable waveguiding in origami phononic structures. Journal of Sound and Vibration, 2018, 430, 93-100.	2.1	48
4	Reconfigurable origami sonic barriers with tunable bandgaps for traffic noise mitigation. Journal of Applied Physics, 2017, 122, .	1.1	44
5	Lattice reconfiguration and phononic band-gap adaptation via origami folding. Physical Review B, 2017, 95, .	1.1	42
6	On achieving high and adaptable damping via a bistable oscillator. Smart Materials and Structures, 2013, 22, 115027.	1.8	38
7	Origami lattices and folding-induced lattice transformations. Physical Review Research, 2019, 1, .	1.3	11
8	Harnessing intrinsic localized modes to identify impurities in nonlinear periodic systems. Journal of Applied Physics, 2015, 117, .	1.1	4
9	Origami Metastructures for Tunable Wave Propagation. , 2016, , .		3
10	Steady-state dynamics of a bistable energy harvester with linear appendage oscillator. , 2013, , .		0
11	Damage identification in nonlinear periodic structures utilizing the dynamics of intrinsic localized modes. Proceedings of SPIE, 2015, , .	0.8	0