

Xufang Zhang

List of Publications by Year in descending order

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9
papers

73
citations

1684188
5
h-index

1720034
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g-index

9
all docs

9
docs citations

9
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	A resistance force model for spherical projectiles penetrating ballistic gelatin based on cavity expansion theory. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, , 095440622096483.	2.1	2
2	Flexoelectric control of beams with atomic force microscope probe excitation. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 2537-2549.	2.1	4
3	Theoretical and experimental studies of a piezoelectric ring energy harvester. Journal of Intelligent Material Systems and Structures, 2019, 30, 998-1009.	2.5	6
4	Comparison of flexoelectric and piezoelectric ring energy harvester. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 3795-3803.	2.1	7
5	Diagonal piezoelectric sensors on cylindrical shells. Journal of Sound and Vibration, 2017, 400, 201-212.	3.9	12
6	A Flexoelectric Double-Curvature Nonlinear Shell Energy Harvester. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.6	18
7	A generic double-curvature piezoelectric shell energy harvester: Linear/nonlinear theory and applications. Journal of Sound and Vibration, 2014, 333, 7286-7298.	3.9	17
8	Experimental study of a piezoelectric ring energy harvester. , 2013, , .		2
9	Electromechanical coupling and energy harvesting of circular rings. , 2011, , .		5