

# Xinmei Xiang

## List of Publications by Year in descending order

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8  
papers

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citations

1478505

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1720034

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docs citations

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281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Study of Origami Crash Tubes Based on Energy Dissipation History. <i>Energies</i> , 2022, 15, 3109.	3.1	1
2	The mechanical characteristics of graded Miura-ori metamaterials. <i>Materials and Design</i> , 2021, 211, 110173.	7.0	31
3	Quasi-static and dynamic mechanical properties of Miura-ori metamaterials. <i>Thin-Walled Structures</i> , 2020, 157, 106993.	5.3	51
4	A Generic Shear Wave Velocity Profiling Model for Use in Ground Motion Simulation. <i>Geosciences (Switzerland)</i> , 2020, 10, 408.	2.2	6
5	Energy absorption of bio-inspired multi-layered graded foam-filled structures under axial crushing. <i>Composites Part B: Engineering</i> , 2020, 198, 108216.	12.0	89
6	On the out-of-plane compression of a Miura-ori patterned sheet. <i>International Journal of Mechanical Sciences</i> , 2019, 161-162, 105022.	6.7	26
7	Energy absorption of a bio-inspired honeycomb sandwich panel. <i>Journal of Materials Science</i> , 2019, 54, 6286-6300.	3.7	149
8	High energy absorption efficiency of thin-walled conical corrugation tubes mimicking coconut tree configuration. <i>International Journal of Mechanical Sciences</i> , 2018, 148, 409-421.	6.7	113