

# Zhihui Wen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2994647/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Topological cavities in phononic plates for robust energy harvesting. <i>Mechanical Systems and Signal Processing</i> , 2022, 162, 108047.	8.0	45
2	A perspective on elastic metastructures for energy harvesting. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	30
3	Intelligent on-demand design of phononic metamaterials. <i>Nanophotonics</i> , 2022, 11, 439-460.	6.0	55
4	Deep-subwavelength lightweight metastructures for low-frequency vibration isolation. <i>Materials and Design</i> , 2022, 215, 110499.	7.0	17
5	Lightweight sound-absorbing metastructures with perforated fish-belly panels. <i>International Journal of Mechanical Sciences</i> , 2022, 226, 107396.	6.7	26
6	Inverse design of topological metaplates for flexural waves with machine learning. <i>Materials and Design</i> , 2021, 199, 109390.	7.0	42
7	Induced transparency based subwavelength acoustic demultiplexers. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 175301.	2.8	10
8	Robust edge states of subwavelength chiral phononic plates. <i>Extreme Mechanics Letters</i> , 2021, 44, 101209.	4.1	25
9	Broadband Rayleigh wave attenuation by gradient metamaterials. <i>International Journal of Mechanical Sciences</i> , 2021, 205, 106592.	6.7	43
10	Topological states in twisted pillared phononic plates. <i>Extreme Mechanics Letters</i> , 2020, 39, 100777.	4.1	41