

Zhihui Wen

List of Publications by Year in descending order

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

Version: 2024-02-01

10
papers

334
citations

1039880

9
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent on-demand design of phononic metamaterials. <i>Nanophotonics</i> , 2022, 11, 439-460.	2.9	55
2	Topological cavities in phononic plates for robust energy harvesting. <i>Mechanical Systems and Signal Processing</i> , 2022, 162, 108047.	4.4	45
3	Broadband Rayleigh wave attenuation by gradient metamaterials. <i>International Journal of Mechanical Sciences</i> , 2021, 205, 106592.	3.6	43
4	Inverse design of topological metaplates for flexural waves with machine learning. <i>Materials and Design</i> , 2021, 199, 109390.	3.3	42
5	Topological states in twisted pillared phononic plates. <i>Extreme Mechanics Letters</i> , 2020, 39, 100777.	2.0	41
6	A perspective on elastic metastructures for energy harvesting. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	30
7	Lightweight sound-absorbing metastructures with perforated fish-belly panels. <i>International Journal of Mechanical Sciences</i> , 2022, 226, 107396.	3.6	26
8	Robust edge states of subwavelength chiral phononic plates. <i>Extreme Mechanics Letters</i> , 2021, 44, 101209.	2.0	25
9	Deep-subwavelength lightweight metastructures for low-frequency vibration isolation. <i>Materials and Design</i> , 2022, 215, 110499.	3.3	17
10	Induced transparency based subwavelength acoustic demultiplexers. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 175301.	1.3	10