

Wavefront steering of elastic shear vertical waves in solid metasurface

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#	ARTICLE	IF	CITATIONS
1	Beam splitting of flexural waves with a coding meta-slab. <i>Applied Physics Express</i> , 2019, 12, 097002.	1.1	16
2	Asymmetric transmission of elastic shear vertical waves in solids. <i>Ultrasonics</i> , 2019, 96, 34-39.	2.1	15
3	Multifunctional elastic metasurface design with topology optimization. <i>Acta Materialia</i> , 2020, 185, 382-399.	3.8	47
4	Design of elastic metasurfaces for controlling shear vertical waves using uniaxial scaling transformation method. <i>International Journal of Mechanical Sciences</i> , 2020, 169, 105335.	3.6	13
5	Tunable multifunctional fish-bone elastic metasurface for the wavefront manipulation of the transmitted in-plane waves. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	32
6	Vibration control of flexural waves in thin plates by 3D-printed metasurfaces. <i>Journal of Sound and Vibration</i> , 2020, 481, 115440.	2.1	46
7	Flexural wave absorption by lossy gradient elastic metasurface. <i>Journal of the Mechanics and Physics of Solids</i> , 2020, 143, 104052.	2.3	72
8	Modular elastic metasurfaces with mass oscillators for transmitted flexural wave manipulation. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 255303.	1.3	23
9	Experimental realization of a pillared metasurface for flexural wave focusing. <i>APL Materials</i> , 2021, 9, .	2.2	35
10	Advances in the study of elastic metasurfaces. <i>Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica</i> , 2022, 52, 911-927.	0.3	2
11	Design of Acoustic/Elastic Phase Gradient Metasurfaces: Principles, Functional Elements, Tunability, and Coding. <i>Applied Mechanics Reviews</i> , 2022, 74, .	4.5	49
12	Elastic Metagratings with Simultaneous Modulation of Reflected and Transmitted Waves. <i>Crystals</i> , 2022, 12, 901.	1.0	7
13	Elastic Metagratings with Simultaneous Highly Efficient Control over Longitudinal and Transverse Waves for Multiple Functionalities. <i>Physical Review Applied</i> , 2022, 18, .	1.5	9