Rui-Jun Liu

List of Publications by Year
in descending order

16	97	1307594 7	1372567 10
papers	citations	h-index	g-index

16	16	16	75
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acoustic wave transmission channel based on phononic crystal line defect state. AIP Advances, 2019, 9, .	1.3	15
2	Directional acoustic transmission based on metamaterials. AIP Advances, 2018, 8, 085312.	1.3	13
3	Acoustic energy transport characteristics based on amplitude and phase modulation using waveguide array. Journal of Applied Physics, 2020, 128, 165103.	2.5	12
4	Acoustic propagation characteristics of heteromorphic metamaterials. AIP Advances, 2018, 8, 105305.	1.3	11
5	Negative refraction imaging of acoustic metamaterial lens in the supersonic range. AIP Advances, 2014, 4, .	1.3	9
6	Acoustic focusing effect based on artificial periodic structure. AIP Advances, 2019, 9, 075107.	1.3	8
7	Local acoustic field enhancement of single cell photoacoustic signal detection based on metamaterial structure. AIP Advances, 2019, 9, .	1.3	7
8	Realization of complex curved waveguide based on local resonant 3D metamaterial. AIP Advances, 2018, 8, .	1.3	6
9	Research on High-Efficiency Transmission Characteristics of Multi-Channel Breast Ultrasound Signals Based on Graphene Structure. Crystals, 2021, 11, 507.	2.2	6
10	Acoustic transmission characteristics based on H-type metamaterials. IEEE Access, 2019, , 1-1.	4.2	2
11	Directional transmission of ultra-high frequency acoustic signals based on metamaterial structure. AIP Advances, 2019, 9, .	1.3	2
12	Study of high frequency acoustic directional transmission model based on graphene structure. AIP Advances, 2020, 10, 035308.	1.3	2
13	Research on acoustic conduction mechanism of underwater acoustic channel based on metamaterials. AIP Advances, 2020, 10, .	1.3	2
14	Sound insulation properties of a spherical structure of subwavelength size. AIP Advances, 2019, 9, .	1.3	1
15	Simulation study of acoustic refraction wave manipulation based on sub-wavelength artificial periodic structure. Modern Physics Letters B, 2021, 35, 2150082.	1.9	1
16	Acoustic energy transport based on the local state characteristics of a symmetric interface. International Journal of Modern Physics B, 2020, 34, 2050308.	2.0	0