

Huaijun Chen

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

402
citations

840585

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1125617

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13
all docs

13
docs citations

13
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Manipulation of transmitted wave front using ultrathin planar acoustic metasurfaces. Applied Physics A: Materials Science and Processing, 2015, 120, 1283-1289.	1.1	62
2	The anomalous manipulation of acoustic waves based on planar metasurface with split hollow sphere. Journal Physics D: Applied Physics, 2015, 48, 045303.	1.3	54
3	Double-negative acoustic metamaterial based on meta-molecule. Journal Physics D: Applied Physics, 2013, 46, 475105.	1.3	48
4	Double-negative acoustic metamaterial based on hollow steel tube meta-atom. Journal of Applied Physics, 2013, 113, 104902.	1.1	45
5	Reflected wavefronts modulation with acoustic metasurface based on double-split hollow sphere. Applied Physics A: Materials Science and Processing, 2015, 120, 487-493.	1.1	37
6	Ultrathin skin cloaks with metasurfaces for audible sound. Journal Physics D: Applied Physics, 2016, 49, 225302.	1.3	36
7	Meta-atom cluster acoustic metamaterial with broadband negative effective mass density. Journal of Applied Physics, 2014, 115, .	1.1	32
8	Anomalous Manipulation of Acoustic Wavefront With an Ultrathin Planar Metasurface. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.0	27
9	Acoustic metamaterial based on multi-split hollow spheres. Applied Physics A: Materials Science and Processing, 2013, 112, 533-541.	1.1	20
10	Ultrasound acoustic metamaterials with double-negative parameters. Journal of Applied Physics, 2016, 119, .	1.1	15
11	Acoustic metamaterial with negative mass density in water. Journal of Applied Physics, 2015, 118, .	1.1	12
12	Simulated and Experimental Research of Multi-Band Acoustic Metamaterial with a Single Resonant Structure. Materials, 2019, 12, 3469.	1.3	12
13	Anomalous Reflection of Acoustic Waves in Air with Metasurfaces at Low Frequency. Advances in Condensed Matter Physics, 2018, 2018, 1-7.	0.4	2