## Huaijun Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/442345/publications.pdf Version: 2024-02-01



HUALUN CHEN

#	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.	2.3	62
2	The anomalous manipulation of acoustic waves based on planar metasurface with split hollow sphere. Journal Physics D: Applied Physics, 2015, 48, 045303.	2.8	54
3	Double-negative acoustic metamaterial based on meta-molecule. Journal Physics D: Applied Physics, 2013, 46, 475105.	2.8	48
4	Double-negative acoustic metamaterial based on hollow steel tube meta-atom. Journal of Applied Physics, 2013, 113, 104902.	2.5	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.	2.3	37
6	Ultrathin skin cloaks with metasurfaces for audible sound. Journal Physics D: Applied Physics, 2016, 49, 225302.	2.8	36
7	Meta-atom cluster acoustic metamaterial with broadband negative effective mass density. Journal of Applied Physics, 2014, 115, .	2.5	32
8	Anomalous Manipulation of Acoustic Wavefront With an Ultrathin Planar Metasurface. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.6	27
9	Acoustic metamaterial based on multi-split hollow spheres. Applied Physics A: Materials Science and Processing, 2013, 112, 533-541.	2.3	20
10	Ultrasound acoustic metamaterials with double-negative parameters. Journal of Applied Physics, 2016, 119, .	2.5	15
11	Acoustic metamaterial with negative mass density in water. Journal of Applied Physics, 2015, 118, .	2.5	12
12	Simulated and Experimental Research of Multi-Band Acoustic Metamaterial with a Single Resonant Structure. Materials, 2019, 12, 3469.	2.9	12
13	Anomalous Reflection of Acoustic Waves in Air with Metasurfaces at Low Frequency. Advances in Condensed Matter Physics, 2018, 2018, 1-7.	1.1	2