

Bingyi Liu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

654
citations

759055

12
h-index

839398

18
g-index

21
all docs

21
docs citations

21
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Full-color hologram using spatial multiplexing of dielectric metasurface. <i>Optics Letters</i> , 2016, 41, 147.	1.7	115
2	Dielectric Huygensâ€™™ Metasurface for High-Efficiency Hologram Operating in Transmission Mode. <i>Scientific Reports</i> , 2016, 6, 30613.	1.6	113
3	Silicon Metasurfaces for Third Harmonic Geometric Phase Manipulation and Multiplexed Holography. <i>Nano Letters</i> , 2019, 19, 6585-6591.	4.5	77
4	Apparent Negative Reflection with the Gradient Acoustic Metasurface by Integrating Supercell Periodicity into the Generalized Law of Reflection. <i>Scientific Reports</i> , 2016, 6, 38314.	1.6	65
5	Experimental realization of all-angle negative refraction in acoustic gradient metasurface. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	51
6	Controllable asymmetric transmission via gap-tunable acoustic metasurface. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	41
7	Fano resonance based optical modulator reaching 85% modulation depth. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	40
8	Nonlinear Wavefront Control by Geometricâ€™Phase Dielectric Metasurfaces: Influence of Mode Field and Rotational Symmetry. <i>Advanced Optical Materials</i> , 2020, 8, 1902050.	3.6	38
9	High-efficiency beam manipulation combining geometric phase with anisotropic Huygens surface. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	21
10	Full-angle negative reflection realized by a gradient acoustic metasurface. <i>AIP Advances</i> , 2016, 6, .	0.6	20
11	All-angle Negative Reflection with An Ultrathin Acoustic Gradient Metasurface: Floquet-Bloch Modes Perspective and Experimental Verification. <i>Scientific Reports</i> , 2017, 7, 13852.	1.6	20
12	Mechanism of mechanically induced optoelectronic and spintronic phase transitions in 1D graphene spirals: insight into the role of interlayer coupling. <i>Nanoscale</i> , 2017, 9, 9693-9700.	2.8	14
13	Multifunctional acoustic holography based on compact acoustic geometric-phase meta-array. <i>Journal of Applied Physics</i> , 2022, 131, .	1.1	9
14	Metasurface-based angle-selective multichannel acoustic refractor. <i>Applied Physics Express</i> , 2018, 11, 057301.	1.1	8
15	Experimental verification of the acoustic geometric phase. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	8
16	Chiral heteronanotubes: arrangement-dominated chiral interface states and conductivities. <i>Nanoscale</i> , 2019, 11, 8699-8705.	2.8	6
17	High-efficiency optical vortex generation with hybrid all-dielectric geometric-metasurface in visible frequency. <i>Applied Physics Express</i> , 2021, 14, 012008.	1.1	5
18	All-dielectric bifunctional polarization converter with high transmission efficiency in near-infrared region. <i>Applied Optics</i> , 2020, 59, 3825.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Efficient beam manipulation with Huygens-geometric metasurface supporting pure magnetic resonances. <i>Journal of Applied Physics</i> , 2022, 131, 025303.	1.1	1
20	Controllable Dual Hybrid Tamm Plasmon Modes in Binary Gold Nanodisk Arrays and Distributed Bragg Reflector Structure. <i>Plasmonics</i> , 2019, 14, 1091-1098.	1.8	0
21	Publisher's Note: "Multifunctional acoustic holography based on compact acoustic geometric-phase meta-array" [<i>J. Appl. Phys.</i> 131, 185108 (2022)]. <i>Journal of Applied Physics</i> , 2022, 131, .	1.1	0