

Yungui

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,191
citations

471061

17
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

1251
citing authors

#	ARTICLE	IF	CITATIONS
1	A Semisolid Micromechanical Beam Steering System Based on Micrometa-Lens Arrays. Nano Letters, 2022, 22, 1595-1603.	4.5	15
2	Conformal metamaterial coats for underwater magnetic-acoustic bi-invisibility. Applied Physics Letters, 2022, 120, .	1.5	6
3	Ultrathin and Simple 3-D Resorber Based on Ferrites With Embedded Epsilon-Near-Zero Waveguides. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1896-1900.	2.4	3
4	Analogue Optical Spatiotemporal Differentiator. Advanced Optical Materials, 2021, 9, 2002088.	3.6	19
5	Ultrathin Conformal Magnetic Invisible Cloak for Irregular Objects. ACS Applied Materials & Interfaces, 2021, 13, 17104-17109.	4.0	8
6	Angularly tunable perfect absorption in graphene-mushroom hybrid structure for all angles. Applied Physics Letters, 2021, 118, .	1.5	12
7	Confinement and Protection of Skyrmions by Patterns of Modified Magnetic Properties. Nano Letters, 2021, 21, 4320-4326.	4.5	32
8	Graphene-FSS Hybrid Absorptive Structure With Amplitude/Frequency Dual-Modulated Passband. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1711-1715.	2.4	10
9	Microwave Metamaterial Absorbers with Controllable Luminescence Features. ACS Applied Materials & Interfaces, 2021, 13, 54497-54502.	4.0	13
10	Optical analog computing devices designed by deep neural network. Optics Communications, 2020, 458, 124674.	1.0	24
11	Analog Optical Spatial Differentiators Based on Dielectric Metasurfaces. Advanced Optical Materials, 2020, 8, 1901523.	3.6	59
12	Super-Planckian near-field heat transfer between hyperbolic metamaterials. Nano Energy, 2020, 78, 105264.	8.2	17
13	Feasible Thermodynamics Devices Enabled by Thermal-Null Medium. Physical Review Applied, 2020, 14, .	1.5	12
14	Broadband Electromagnetic Wave Tunneling with Transmuted Material Singularity. Physical Review Letters, 2020, 125, 207401.	2.9	7
15	Multifunctional Metasurface: Coplanar Embedded Design for Metalens and Nanoprinted Display. ACS Photonics, 2020, 7, 1171-1177.	3.2	25
16	High-performance silicon-graphene hybrid plasmonic waveguide photodetectors beyond 1.55 μm . Light: Science and Applications, 2020, 9, 29.	7.7	155
17	Magnetic-acoustic biphysical invisible coats for underwater objects. NPG Asia Materials, 2020, 12, .	3.8	10
18	Ultrathin Electromagnetic-Acoustic Amphibious Stealth Coats. Advanced Optical Materials, 2020, 8, 2000200.	3.6	21

#	ARTICLE	IF	CITATIONS
19	A Switchable Metasurface Between Meta-Lens and Absorber. IEEE Photonics Technology Letters, 2019, 31, 1187-1190.	1.3	20
20	High-Speed and High-Responsivity Hybrid Silicon/Black-Phosphorus Waveguide Photodetectors at 2 μm . Laser and Photonics Reviews, 2019, 13, 1900032.	4.4	91
21	Daytime passive radiative cooler using porous alumina. Solar Energy Materials and Solar Cells, 2019, 191, 50-54.	3.0	111
22	FeGaB(25 nm)/Al ₂ O ₃ /FeGaB(25 nm) Multilayer Structures: Effects of Variation of Al ₂ O ₃ Thickness on Static and Dynamic Magnetic Properties. Rare Metal Materials and Engineering, 2018, 47, 1951-1957.	0.8	8
23	Observing of the super-Planckian near-field thermal radiation between graphene sheets. Nature Communications, 2018, 9, 4033.	5.8	101
24	Static Magnetic Cloak without a Superconductor. Physical Review Applied, 2018, 9, .	1.5	24
25	Influence of metal electrodes on <i>c</i> -axis orientation of AlN thin films deposited by DC magnetron sputtering. Surface and Interface Analysis, 2017, 49, 885-891.	0.8	12
26	Deformable broadband metamaterial absorbers engineered with an analytical spatial Kramers-Kronig permittivity profile. Laser and Photonics Reviews, 2017, 11, 1600253.	4.4	45
27	Three-dimensional magnetic cloak working from d.c. to 250 kHz. Nature Communications, 2015, 6, 8931.	5.8	63
28	Experimental Demonstration of a Multiphysics Cloak: Manipulating Heat Flux and Electric Current Simultaneously. Physical Review Letters, 2014, 113, 205501.	2.9	203
29	Approaches to achieve broadband optical transformation devices with transmuted singularity. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 124.	0.8	7
30	Perfect invisibility cloaking by isotropic media. Physical Review A, 2012, 86, .	1.0	21
31	Experimental demonstration of subwavelength domino plasmon devices for compact high-frequency circuit. Optics Express, 2011, 19, 21189.	1.7	37