

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	Experimental Demonstration of a Multiphysics Cloak: Manipulating Heat Flux and Electric Current Simultaneously. <i>Physical Review Letters</i> , 2014, 113, 205501.	2.9	203
2	High-performance silicon-graphene hybrid plasmonic waveguide photodetectors beyond 1.55 μm . <i>Light: Science and Applications</i> , 2020, 9, 29.	7.7	155
3	Daytime passive radiative cooler using porous alumina. <i>Solar Energy Materials and Solar Cells</i> , 2019, 191, 50-54.	3.0	111
4	Observing of the super-Planckian near-field thermal radiation between graphene sheets. <i>Nature Communications</i> , 2018, 9, 4033.	5.8	101
5	High-Speed and High-Responsivity Hybrid Silicon/Black-Phosphorus Waveguide Photodetectors at 2 μm . <i>Laser and Photonics Reviews</i> , 2019, 13, 1900032.	4.4	91
6	Three-dimensional magnetic cloak working from d.c. to 250 kHz. <i>Nature Communications</i> , 2015, 6, 8931.	5.8	63
7	Analog Optical Spatial Differentiators Based on Dielectric Metasurfaces. <i>Advanced Optical Materials</i> , 2020, 8, 1901523.	3.6	59
8	Deformable broadband metamaterial absorbers engineered with an analytical spatial Kramers-Kronig permittivity profile. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600253.	4.4	45
9	Experimental demonstration of subwavelength domino plasmon devices for compact high-frequency circuit. <i>Optics Express</i> , 2011, 19, 21189.	1.7	37
10	Confinement and Protection of Skyrmions by Patterns of Modified Magnetic Properties. <i>Nano Letters</i> , 2021, 21, 4320-4326.	4.5	32
11	Multifunctional Metasurface: Coplanar Embedded Design for Metalens and Nanoprinted Display. <i>ACS Photonics</i> , 2020, 7, 1171-1177.	3.2	25
12	Static Magnetic Cloak without a Superconductor. <i>Physical Review Applied</i> , 2018, 9, .	1.5	24
13	Optical analog computing devices designed by deep neural network. <i>Optics Communications</i> , 2020, 458, 124674.	1.0	24
14	Perfect invisibility cloaking by isotropic media. <i>Physical Review A</i> , 2012, 86, .	1.0	21
15	Ultrathin Electromagnetic-Acoustic Amphibious Stealth Coats. <i>Advanced Optical Materials</i> , 2020, 8, 2000200.	3.6	21
16	A Switchable Metasurface Between Meta-Lens and Absorber. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1187-1190.	1.3	20
17	Analogue Optical Spatiotemporal Differentiator. <i>Advanced Optical Materials</i> , 2021, 9, 2002088.	3.6	19
18	Super-Planckian near-field heat transfer between hyperbolic metamaterials. <i>Nano Energy</i> , 2020, 78, 105264.	8.2	17

#	ARTICLE	IF	CITATIONS
19	A Semisolid Micromechanical Beam Steering System Based on Micrometa-Lens Arrays. Nano Letters, 2022, 22, 1595-1603.	4.5	15
20	Microwave Metamaterial Absorbers with Controllable Luminescence Features. ACS Applied Materials & Interfaces, 2021, 13, 54497-54502.	4.0	13
21	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
22	Feasible Thermodynamics Devices Enabled by Thermal-Null Medium. Physical Review Applied, 2020, 14, .	1.5	12
23	Angularly tunable perfect absorption in graphene-mushroom hybrid structure for all angles. Applied Physics Letters, 2021, 118, .	1.5	12
24	Magnetic-acoustic biphysical invisible coats for underwater objects. NPG Asia Materials, 2020, 12, .	3.8	10
25	Graphene-FSS Hybrid Absorptive Structure With Amplitude/Frequency Dual-Modulated Passband. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1711-1715.	2.4	10
26	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
27	Ultrathin Conformal Magnetic Invisible Cloak for Irregular Objects. ACS Applied Materials & Interfaces, 2021, 13, 17104-17109.	4.0	8
28	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
29	Broadband Electromagnetic Wave Tunneling with Transmuted Material Singularity. Physical Review Letters, 2020, 125, 207401.	2.9	7
30	Conformal metamaterial coats for underwater magnetic-acoustic bi-invisibility. Applied Physics Letters, 2022, 120, .	1.5	6
31	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