

Yanhong Zou

List of Publications by Year in descending order

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35
papers

940
citations

361045

20
h-index

454577

30
g-index

35
all docs

35
docs citations

35
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly stable femtosecond pulse generation from a MXene $\text{Ti}_3\text{C}_2\text{T}_x$ (T = F, O, or OH) mode-locked fiber laser. Photonics Research, 2019, 7, 260.	3.4	93
2	Porous flower-like Ni/C composites derived from MOFs toward high-performance electromagnetic wave absorption. Journal of Magnetism and Magnetic Materials, 2019, 487, 165334.	1.0	71
3	Interaction between graphene and metamaterials: split rings vs wire pairs. Optics Express, 2012, 20, 12198.	1.7	58
4	Broadband metamaterial absorber for low-frequency microwave absorption in the S-band and C-band. Journal of Magnetism and Magnetic Materials, 2020, 497, 166075.	1.0	57
5	Enhancing and tuning absorption properties of microwave absorbing materials using metamaterials. Applied Physics Letters, 2008, 93, .	1.5	45
6	A passivated codoping approach to tailor the band edges of TiO_2 for efficient photocatalytic degradation of organic pollutants. Applied Physics Letters, 2009, 95, 012106.	1.5	43
7	Design and optimization of a flexible water-based microwave absorbing metamaterial. Applied Physics Express, 2019, 12, 057003.	1.1	39
8	The effect of microstructure of graphene foam on microwave absorption properties. Journal of Magnetism and Magnetic Materials, 2018, 458, 217-224.	1.0	37
9	Effect of Surface Structure and Composition on the Electromagnetic Properties of $\text{Ti}_3\text{C}_2\text{T}_x$ MXenes for Highly Efficient Electromagnetic Wave Absorption. Journal of Physical Chemistry C, 2020, 124, 19666-19674.	1.5	36
10	Ultrafast pulse generation from erbium-doped fiber laser modulated by hybrid organic-inorganic halide perovskites. Applied Physics Letters, 2017, 110, .	1.5	35
11	Carbonyl iron/graphite microspheres with good impedance matching for ultra-broadband and highly efficient electromagnetic absorption. Optical Materials Express, 2018, 8, 3319.	1.6	35
12	An ultra-broadband and lightweight fishnet-like absorber in microwave region. Journal Physics D: Applied Physics, 2018, 51, 285002.	1.3	33
13	Synthesis and electromagnetic wave absorption performance of NiCo_2O_4 nanomaterials with different nanostructures. CrystEngComm, 2019, 21, 4568-4577.	1.3	33
14	Improving the Electromagnetic Wave Absorption Properties of the Layered MoS_2 by Cladding with Ni Nanoparticles. Journal of the Physical Society of Japan, 2018, 87, 054402.	0.7	29
15	Broadband spatial self-phase modulation and ultrafast response of MXene $\text{Ti}_3\text{C}_2\text{T}_x$ (T=O, OH or F). Nanophotonics, 2020, 9, 2415-2424.	2.9	28
16	Ni@C composites derived from Ni-based metal organic frameworks with a lightweight, ultrathin, broadband and highly efficient microwave absorbing properties. Applied Physics Express, 2019, 12, 011001.	1.1	27
17	Ultralight Coral-like hierarchical Fe/CNTs/Porous carbon composite derived from biomass with tunable microwave absorption performance. Applied Surface Science, 2022, 571, 151349.	3.1	25
18	A Graphite-Based Metamaterial Microwave Absorber. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1016-1020.	2.4	24

#	ARTICLE	IF	CITATIONS
19	Impedance matching for omnidirectional and polarization insensitive broadband absorber based on carbonyl iron powders. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 476, 349-354.	1.0	24
20	Controlling the microstructure of biomass-derived porous carbon to assemble structural absorber for broadening bandwidth. <i>Carbon</i> , 2022, 198, 70-79.	5.4	23
21	Reduced Graphene Oxide Aerogels with Uniformly Self-Assembled Polyaniline Nanosheets for Electromagnetic Absorption. <i>ACS Applied Nano Materials</i> , 2020, 3, 5978-5986.	2.4	22
22	MnO ₂ nanostructures deposited on graphene foams for broadband and lightweight electromagnetic absorption. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151744.	2.8	21
23	Graphene Q-Switched Vectorial Fiber Laser With Switchable Polarized Output. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017, 23, 26-32.	1.9	16
24	Fe/nanoporous carbon hybrid derived from metal-organic framework for highly effective microwave absorption. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4991.	1.7	15
25	Ultralight and Low-Cost Structural Absorbers With Enhanced Microwave Absorption Performance Based on Sustainable Waste Biomass. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 401-409.	3.1	15
26	Microwave Absorption Enhancement of Fe/C Core-Shell Hybrid Derived from a Metal-Organic Framework. <i>Nano</i> , 2019, 14, 1950002.	0.5	14
27	Broadband Absorber for the Microwave Region Using Ball-Milled Graphite Gratings. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 104801.	0.7	12
28	Preparation of beaded chains ZrC/C/SiC nanocomposites and their microwave absorption properties. <i>Materials Letters</i> , 2019, 255, 126579.	1.3	10
29	Improved Microwave Absorption of Carbonyl Iron Powder by the Array of Subwavelength Metallic Cut Wires. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2010, 16, 441-445.	1.9	8
30	Switchable self-defocusing and focusing in nearly isotropic photonic crystals via enhanced inverse diffraction. <i>Physical Review A</i> , 2015, 91, .	1.0	6
31	Doppler effect of Laguerre-Gaussian beams propagating in left-handed materials. , 2008, , .		3
32	Enhancing microwave absorption properties of materials using metamaterials. , 2008, , .		1
33	Tunable Terahertz Absorption with Optical Tamm State in the Graphene-Bragg Reflector Configuration. <i>Advances in Condensed Matter Physics</i> , 2018, 2018, 1-6.	0.4	1
34	Design of wireless flash programming based on Freescale Mpxy8300 sensor. , 2014, , .		1
35	Omnidirectional linear polarizer based on uniaxial dielectric-magnetic materials. , 2008, , .		0