Maojin Yun

List of Publications by Year
in descending order

27 papers	587 citations	933447 10 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	393 citing authors

#	Article	IF	Citations
1	Tunable polarization-independent and angle-insensitive broadband terahertz absorber with graphene metamaterials. Optics Express, 2021, 29, 7158.	3.4	88
2	Sensitivity enhancement of surface plasmon resonance biosensor based on graphene and barium titanate layers. Applied Surface Science, 2019, 475, 342-347.	6.1	84
3	Tunable dual plasmon-induced transparency based on a monolayer graphene metamaterial and its terahertz sensing performance. Optics Express, 2020, 28, 31781.	3.4	76
4	Independently tunable perfect absorber based on the plasmonic properties in double-layer graphene. Carbon, 2019, 155, 618-623.	10.3	67
5	Graphene-based dual-band independently tunable infrared absorber. Nanoscale, 2018, 10, 15564-15570.	5.6	55
6	Low-voltage and fast-response SnO_2 nanotubes/perovskite heterostructure photodetector. Nanotechnology, 2021, 32, 375202.	2.6	49
7	Ultrabroadband metamaterial absorbers from ultraviolet to near-infrared based on multiple resonances for harvesting solar energy. Optics Express, 2021, 29, 6000.	3.4	38
8	Highly birefringent photonic crystal fibers with flattened dispersion and low effective mode area. Optik, 2011, 122, 2151-2154.	2.9	34
9	Discrete Talbot effect in dielectric graphene plasmonic waveguide arrays. Carbon, 2017, 118, 192-199.	10.3	34
10	Phase-coupled plasmon-induced transparency in metasurface with periodically arranged bimolecular systems. Applied Surface Science, 2020, 506, 144888.	6.1	12
11	Focal shift and extended focal depth with tunable pupil filter. Journal of Modern Optics, 2008, 55, 2857-2863.	1.3	8
12	Focal patterns of higher order hyperbolic-cosine-Gaussian beam with one optical vortex. Optical and Quantum Electronics, 2011, 42, 367-380.	3.3	5
13	Broadband and high efficiency metal–multilayer dielectric grating based on non-quarter wave coatings as reflective mirror for 800 nm. Journal of Modern Optics, 2012, 59, 1680-1685.	1.3	5
14	Beam splitter and beam bends based on self-collimation effect in two-dimensional photonic crystals. Journal of Modern Optics, 2009, 56, 1159-1162.	1.3	4
15	Focusing properties of spirally polarized hollow Gaussian beam. Optical and Quantum Electronics, 2011, 42, 827-840.	3.3	4
16	Staircase bowtie nanoantenna and rectangular nanoaperture arrays with huge intensity enhancement as SERS substrates. Optics Communications, 2020, 474, 126065.	2.1	4
17	A kind of single-polarization single-mode photonic crystal fiber. Journal of Modern Optics, 2012, 59, 115-120.	1.3	3
18	Optimization design and analysis of reflecting polarizing beam splitter based on metal–multilayer dielectric grating for 800 nm. Journal of Modern Optics, 2013, 60, 1598-1602.	1.3	3

#	Article	IF	Citations
19	Tunable graphene-based infrared perfect absorber for sensing. , 2017, , .		3
20	Polarizationâ€independent dual narrowâ€band perfect metamaterial absorber for optical communication. Microwave and Optical Technology Letters, 2022, 64, 1310-1316.	1.4	3
21	Laser beam shaping system with a radial birefringent filter. Journal of Modern Optics, 2007, 54, 129-136.	1.3	2
22	A usable selection range standard based on test suite reduction algorithms. Wuhan University Journal of Natural Sciences, 2010, 15, 261-266.	0.4	2
23	Controlled focus shaping with generalized cylindrical vector beam. Journal of Modern Optics, 2013, 60, 391-398.	1.3	2
24	Superlens realized by the two dimensional graded photonic crystal. Optik, 2013, 124, 4536-4538.	2.9	1
25	Twinned plasmonic fano resonances in heterogeneous Au-Ag nanostructure consisting of a rod and concentric square ring-disk. , 2017, , .		1
26	Continuous radial superresolution filters with large focal depth. Journal of Modern Optics, 2006, 53, 1441-1450.	1.3	0
27	Electrically Controlled Transverse Superresolution Filter with Axial Focal Shift. , 2010, , .		0