Maojin Yun

List of Publications by Year
in descending order

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27	587	933447	642732
papers	citations	10 h-index	23 g-index

27	27	27	393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polarizationâ€independent dual narrowâ€band perfect metamaterial absorber for optical communication. Microwave and Optical Technology Letters, 2022, 64, 1310-1316.	1.4	3
2	Tunable polarization-independent and angle-insensitive broadband terahertz absorber with graphene metamaterials. Optics Express, 2021, 29, 7158.	3.4	88
3	Ultrabroadband metamaterial absorbers from ultraviolet to near-infrared based on multiple resonances for harvesting solar energy. Optics Express, 2021, 29, 6000.	3.4	38
4	Low-voltage and fast-response SnO₂ nanotubes/perovskite heterostructure photodetector. Nanotechnology, 2021, 32, 375202.	2.6	49
5	Phase-coupled plasmon-induced transparency in metasurface with periodically arranged bimolecular systems. Applied Surface Science, 2020, 506, 144888.	6.1	12
6	Staircase bowtie nanoantenna and rectangular nanoaperture arrays with huge intensity enhancement as SERS substrates. Optics Communications, 2020, 474, 126065.	2.1	4
7	Tunable dual plasmon-induced transparency based on a monolayer graphene metamaterial and its terahertz sensing performance. Optics Express, 2020, 28, 31781.	3.4	76
8	Independently tunable perfect absorber based on the plasmonic properties in double-layer graphene. Carbon, 2019, 155, 618-623.	10.3	67
9	Sensitivity enhancement of surface plasmon resonance biosensor based on graphene and barium titanate layers. Applied Surface Science, 2019, 475, 342-347.	6.1	84
10	Graphene-based dual-band independently tunable infrared absorber. Nanoscale, 2018, 10, 15564-15570.	5.6	55
11	Discrete Talbot effect in dielectric graphene plasmonic waveguide arrays. Carbon, 2017, 118, 192-199.	10.3	34
12	Tunable graphene-based infrared perfect absorber for sensing. , 2017, , .		3
13	Twinned plasmonic fano resonances in heterogeneous Au-Ag nanostructure consisting of a rod and concentric square ring-disk. , 2017, , .		1
14	Controlled focus shaping with generalized cylindrical vector beam. Journal of Modern Optics, 2013, 60, 391-398.	1.3	2
15	Superlens realized by the two dimensional graded photonic crystal. Optik, 2013, 124, 4536-4538.	2.9	1
16	Optimization design and analysis of reflecting polarizing beam splitter based on metalâ€“multilayer dielectric grating for 800â€‰nm. Journal of Modern Optics, 2013, 60, 1598-1602.	1.3	3
17	Broadband and high efficiency metalâ€“multilayer dielectric grating based on non-quarter wave coatings as reflective mirror for 800â€‰nm. Journal of Modern Optics, 2012, 59, 1680-1685.	1.3	5
18	A kind of single-polarization single-mode photonic crystal fiber. Journal of Modern Optics, 2012, 59, 115-120.	1.3	3

#	Article	IF	Citations
19	Highly birefringent photonic crystal fibers with flattened dispersion and low effective mode area. Optik, 2011, 122, 2151-2154.	2.9	34
20	Focal patterns of higher order hyperbolic-cosine-Gaussian beam with one optical vortex. Optical and Quantum Electronics, 2011, 42, 367-380.	3.3	5
21	Focusing properties of spirally polarized hollow Gaussian beam. Optical and Quantum Electronics, 2011, 42, 827-840.	3.3	4
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	Electrically Controlled Transverse Superresolution Filter with Axial Focal Shift. , 2010, , .		0
24	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
25	Focal shift and extended focal depth with tunable pupil filter. Journal of Modern Optics, 2008, 55, 2857-2863.	1.3	8
26	Laser beam shaping system with a radial birefringent filter. Journal of Modern Optics, 2007, 54, 129-136.	1.3	2
27	Continuous radial superresolution filters with large focal depth. Journal of Modern Optics, 2006, 53, 1441-1450.	1.3	0