

Yizhuo He

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

482
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Three-Dimensional Helically Stacked Plasmonic Layers on Nanosphere Monolayers. Nano Letters, 2014, 14, 1976-1981.	9.1	84
2	Ag Nanoparticle Embedded TiO ₂ Composite Nanorod Arrays Fabricated by Oblique Angle Deposition: Toward Plasmonic Photocatalysis. ACS Applied Materials & Interfaces, 2013, 5, 11818-11827.	8.0	76
3	Oblique angle deposition and its applications in plasmonics. Frontiers of Physics, 2014, 9, 47-59.	5.0	66
4	Hidden Chirality in Superficially Racemic Patchy Silver Films. Nano Letters, 2013, 13, 6228-6232.	9.1	62
5	Scalable Fabrication of Composite Ti/Ag Plasmonic Helices: Controlling Morphology and Optical Activity by Tailoring Material Properties. Advanced Optical Materials, 2014, 2, 245-249.	7.3	50
6	The fabrication of three-dimensional plasmonic chiral structures by dynamic shadowing growth. Nanoscale, 2014, 6, 9467.	5.6	35
7	Strong Local Chiroptical Response in Racemic Patchy Silver Films: Enabling a Large-Area Chiroptical Device. ACS Photonics, 2015, 2, 1246-1252.	6.6	29
8	Circular dichroism based refractive index sensing using chiral metamaterials. Chemical Communications, 2016, 52, 2047-2050.	4.1	26
9	Nanoscale Conical Swiss Roll with Broadband Visible and NIR Circular Dichroism. Advanced Optical Materials, 2015, 3, 342-346.	7.3	19
10	Tuning the plasmonic properties of silver nanopatterns fabricated by shadow nanosphere lithography. Nanotechnology, 2016, 27, 385301.	2.6	17
11	Optimized fan-shaped chiral metamaterial as an ultrathin narrow-band circular polarizer at visible frequencies. Nanotechnology, 2018, 29, 165301.	2.6	11
12	Porous three-dimensional nanorod arrays through selective chemical etching of nanocomposites. Chemical Communications, 2012, 48, 7741.	4.1	7
13	Designing large scale chiral metamaterials by nanosphere shadowing lithography. Proceedings of SPIE, 2016, , .	0.8	0
14	Plasmonic properties of nanopatterns fabricated by nanosphere shadowing lithography. Proceedings of SPIE, 2016, , .	0.8	0