

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