

Jiangtao

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

421
citations

1040056

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h-index

752698

20
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23
all docs

23
docs citations

23
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Reflective plasmonic color filters based on lithographically patterned silver nanorod arrays. <i>Nanoscale</i> , 2013, 5, 6243.	5.6	168
2	Artificial Structural Color Pixels: A Review. <i>Materials</i> , 2017, 10, 944.	2.9	61
3	Fabrication of coaxial plasmonic crystals by focused ion beam milling and electron-beam lithography. <i>Materials Letters</i> , 2013, 100, 192-194.	2.6	38
4	Metamaterial Lensing Devices. <i>Molecules</i> , 2019, 24, 2460.	3.8	24
5	Fabrication and characterization of well-aligned plasmonic nanopillars with ultrasmall separations. <i>Nanoscale Research Letters</i> , 2014, 9, 299.	5.7	23
6	A Magnetic Field SPR Sensor Based on Temperature Self-Reference. <i>Sensors</i> , 2021, 21, 6130.	3.8	18
7	Plasmon-Enhanced Sensing: Current Status and Prospects. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	2.7	15
8	Fabrication and characterization of plasmonic nanorods with high aspect ratios. <i>Optical Materials</i> , 2016, 58, 323-326.	3.6	14
9	Reagent-free simultaneous determination of glucose and cholesterol in whole blood by FTIR-ATR. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 178, 192-197.	3.9	11
10	Theoretical Design and Simulation Optimization of Photonic Crystal Cavity for Tetrahydrofuran Vapor Sensing. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1900221.	1.5	9
11	Surface Plasmon Resonance on the Antimonene/Fe ₂ O ₃ /Copper Layer for Optical Attenuated Total Reflection Spectroscopic Application. <i>Plasmonics</i> , 2021, 16, 559-566.	3.4	9
12	Maskless fabrication of slanted annular aperture arrays. <i>Nanotechnology</i> , 2017, 28, 225302.	2.6	7
13	Super-Resolution Imaging with Graphene. <i>Biosensors</i> , 2021, 11, 307.	4.7	5
14	Reflective-Type Multiparameter Sensor Based on a Paired Helical Fiber Gratings and a Trapezoid-Like Microcavity. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-8.	4.7	5
15	High selectivity plasmonic color filters based on tapered annular aperture arrays. <i>Optics Communications</i> , 2020, 475, 126206.	2.1	4
16	High selectivity color filters based on bismuth enhanced plasmonic nanorods. <i>Optics Communications</i> , 2021, 490, 126941.	2.1	4
17	Functional plasmonic nanoantennae as optical filters. <i>Micro and Nano Letters</i> , 2015, 10, 5-8.	1.3	2
18	Metadevices with Potential Practical Applications. <i>Molecules</i> , 2019, 24, 2651.	3.8	2

#	ARTICLE	IF	CITATIONS
19	Numerical model of carbon nanotubes based on lateral-field optoelectronic tweezers. <i>Molecular Simulation</i> , 2017, 43, 638-643.	2.0	1
20	Numerical Investigation on a Hyperlens with a Large Radius Inner-Surface for Super-Resolution Imaging. <i>Photonics</i> , 2020, 7, 107.	2.0	1
21	Theoretical investigation on nanoparticle concentrations in optoelectrofluidic chip based on diffusion, convection, and migration. <i>International Journal of Optomechatronics</i> , 2016, 10, 110-119.	6.6	0
22	Dynamic Plasmon Resonance Tuning for Surface Enhanced Sensing. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 3643-3646.	0.9	0
23	A plasmonic lens based on coordinate transformation. <i>Journal of Modern Optics</i> , 2020, 67, 1571-1577.	1.3	0