

Qiang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

265
citations

1040056

9
h-index

940533

16
g-index

25
all docs

25
docs citations

25
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable narrowband antireflection optical filter with a metasurface. <i>Photonics Research</i> , 2017, 5, 500.	7.0	41
2	Plasmonic Metasurface Absorber Based on Electro-Optic Substrate for Energy Harvesting. <i>Materials</i> , 2018, 11, 2315.	2.9	32
3	Plasmonic Spectral Splitting in Ring/Rod Metasurface. <i>Nanomaterials</i> , 2017, 7, 397.	4.1	27
4	Sensitive label-free sensor with high figure of merit based on plasmonic metasurface with unit cell of double two-split nanorings. <i>Journal of Materials Science</i> , 2019, 54, 6301-6309.	3.7	18
5	Thyroid nodule recognition using a joint convolutional neural network with information fusion of ultrasound images and radiofrequency data. <i>European Radiology</i> , 2021, 31, 5001-5011.	4.5	18
6	Linearly Tunable Fano Resonance Modes in a Plasmonic Nanostructure with a Waveguide Loaded with Two Rectangular Cavities Coupled by a Circular Cavity. <i>Nanomaterials</i> , 2019, 9, 678.	4.1	16
7	Thermoacoustic endoscopy. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	15
8	Coupled Resonance Enhanced Modulation for a Graphene-Loaded Metamaterial Absorber. <i>Nanoscale Research Letters</i> , 2019, 14, 32.	5.7	12
9	Sensitive THz sensing based on Fano resonance in all-polymeric Bloch surface wave structure. <i>Nanophotonics</i> , 2021, 10, 3879-3888.	6.0	11
10	Broadband Wide-Angle Incident Light Absorption by Metallic Loop Metasurfaces Based on Electro-Optic Substrate. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1068-1071.	2.5	10
11	Biomedical microwave-induced thermoacoustic imaging. <i>Journal of Innovative Optical Health Sciences</i> , 2022, 15, .	1.0	10
12	Radiation-direction steerable nanoantennae. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	9
13	Plasmonic waveguide design for the enhanced forward stimulated brillouin scattering in diamond. <i>Scientific Reports</i> , 2018, 8, 88.	3.3	8
14	Tunable Nanosensor Based on Fano Resonances Created by Changing the Deviation Angle of the Metal Core in a Plasmonic Cavity. <i>Sensors</i> , 2018, 18, 1026.	3.8	8
15	Highly Flexible and Voltage Based Wavelength Tunable Biosensor. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800633.	1.8	6
16	High- Q Fano resonance based on degenerate modes in a single dielectric point-defect photonic crystal cavity with x - y asymmetry. <i>Applied Physics Express</i> , 2020, 13, 032006.	2.4	6
17	Photonic crystal nano-cavities for enhancing zero-phonon line emission from nitrogen-vacancy centers in diamond. <i>Optics and Laser Technology</i> , 2013, 48, 128-134.	4.6	4
18	Investigation of artifacts by mapping SAR in thermoacoustic imaging. <i>Journal of Innovative Optical Health Sciences</i> , 2021, 14, .	1.0	4

#	ARTICLE	IF	CITATIONS
19	One-dimensional numerical analysis of transistor lasers. <i>Optical and Quantum Electronics</i> , 2013, 45, 87-96.	3.3	3
20	Hybrid plasmonic-phononic cavity design for enhanced optomechanical coupling in lithium niobate. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1395-1407.	3.1	3
21	Designs of photonic crystal nanocavities for stimulated Raman scattering in diamond. <i>Applied Physics B: Lasers and Optics</i> , 2013, 113, 457-462.	2.2	2
22	Densely Distributed Multiple Resonance Modes in a Fan-Shaped Plasmonic Nanostructure Demonstrated by FEM Simulations. <i>Nanomaterials</i> , 2019, 9, 975.	4.1	1
23	Band Gap Optimization for GHz Elastic Waves in Gold Phononic Crystals. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 585, 012051.	0.6	1
24	Cumulative detection probabilities and range accuracy of a pulsed Geiger-mode avalanche photodiode laser ranging system. <i>Journal of Modern Optics</i> , 2017, 64, 1898-1906.	1.3	0
25	Metasurfaces and their applications. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0