

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 | Biomedical microwave-induced thermoacoustic imaging. <i>Journal of Innovative Optical Health Sciences</i> , 2022, 15, . | 1.0 | 10 |
| 2 | 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 |
| 3 | Investigation of artifacts by mapping SAR in thermoacoustic imaging. <i>Journal of Innovative Optical Health Sciences</i> , 2021, 14, . | 1.0 | 4 |
| 4 | Sensitive THz sensing based on Fano resonance in all-polymeric Bloch surface wave structure. <i>Nanophotonics</i> , 2021, 10, 3879-3888. | 6.0 | 11 |
| 5 | Thermoacoustic endoscopy. <i>Applied Physics Letters</i> , 2020, 116, . | 3.3 | 15 |
| 6 | 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 |
| 7 | Hybrid plasmonic-phononic cavity design for enhanced optomechanical coupling in lithium niobate. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1395-1407. | 3.1 | 3 |
| 8 | Radiation-direction steerable nanoantennae. <i>SN Applied Sciences</i> , 2019, 1, 1. | 2.9 | 9 |
| 9 | Densely Distributed Multiple Resonance Modes in a Fan-Shaped Plasmonic Nanostructure Demonstrated by FEM Simulations. <i>Nanomaterials</i> , 2019, 9, 975. | 4.1 | 1 |
| 10 | Metasurfaces and their applications. <i>AIP Conference Proceedings</i> , 2019, , . | 0.4 | 0 |
| 11 | Highly Flexible and Voltage Based Wavelength Tunable Biosensor. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800633. | 1.8 | 6 |
| 12 | 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 |
| 13 | Coupled Resonance Enhanced Modulation for a Graphene-Loaded Metamaterial Absorber. <i>Nanoscale Research Letters</i> , 2019, 14, 32. | 5.7 | 12 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Plasmonic waveguide design for the enhanced forward stimulated brillouin scattering in diamond. <i>Scientific Reports</i> , 2018, 8, 88. | 3.3 | 8 |
| 18 | Plasmonic Metasurface Absorber Based on Electro-Optic Substrate for Energy Harvesting. <i>Materials</i> , 2018, 11, 2315. | 2.9 | 32 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Tunable narrowband antireflection optical filter with a metasurface. <i>Photonics Research</i> , 2017, 5, 500. | 7.0 | 41 |
| 22 | Plasmonic Spectral Splitting in Ring/Rod Metasurface. <i>Nanomaterials</i> , 2017, 7, 397. | 4.1 | 27 |
| 23 | 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 |
| 24 | 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 |
| 25 | One-dimensional numerical analysis of transistor lasers. <i>Optical and Quantum Electronics</i> , 2013, 45, 87-96. | 3.3 | 3 |