

Rongzhen Jiao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Plexcitonic Optical Chirality: Strong Exciton-Plasmon Coupling in Chiral J-Aggregate-Metal Nanoparticle Complexes. ACS Nano, 2021, 15, 2292-2300.	14.6	38
2	Recent progress on optomagnetic coupling and optical manipulation based on cavity-optomagnonics. Frontiers of Physics, 2022, 17, .	5.0	27
3	Multiple Fano Resonances Based on Plasmonic Resonator System With End-Coupled Cavities for High-Performance Nanosensor. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	26
4	Ultra-high Sensitivity Plasmonic Nanosensor Based on Multiple Fano Resonance in the MDM Side-Coupled Cavities. Plasmonics, 2017, 12, 1099-1105.	3.4	18
5	Optical Chirality in a Strong Coupling System with Surface Plasmons Polaritons and Chiral Emitters. ACS Photonics, 2021, 8, 901-906.	6.6	17
6	Directional Optical Travelling Wave Antenna Based on Surface Plasmon Transmission Line. Laser and Photonics Reviews, 2018, 12, 1700073.	8.7	7
7	The performance of reference-frame-independent measurement-device-independent quantum key distribution. Quantum Information Processing, 2019, 18, 1.	2.2	4
8	Diverse axial chiral assemblies of J-aggregates in plexcitonic nanoparticles. Nanoscale, 2021, 13, 15812-15818.	5.6	4
9	Amplification of Absorption Induced by Localized Surface Plasmons in Superconducting Nanowire Single-Photon Detector. Plasmonics, 2019, 14, 117-123.	3.4	3
10	The performance of three-intensity decoy-state measurement-device-independent quantum key distribution. Quantum Information Processing, 2020, 19, 1.	2.2	3
11	Multispectral and low-filling-factor superconducting nanowire single photon detector with high absorption efficiency. AIP Advances, 2020, 10, 085111.	1.3	1
12	Analysis of three-intensity decoy-state phase-matching quantum key distribution. European Physical Journal D, 2021, 75, 1.	1.3	1
13	Epsilon-near-zero material integrated trapezoid gold nanoantenna with wideband high absorption. Optics Communications, 2021, , 127619.	2.1	1
14	Optimization parameter prediction-based XGBoost of TF-QKD. Quantum Information Processing, 2022, 21, .	2.2	1
15	Polarization-dependent plasmon mode mapping of Ag nanowires based on two-photon excitation fluorescence of quantum dots. Applied Physics Letters, 2017, 110, 153107.	3.3	0