

Zhiyu Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimized Tamm-plasmon structure by Differential Evolution algorithm for single and dual peaks hot-electron photodetection. <i>Optical Materials</i> , 2021, 113, 110857.	3.6	2
2	High Q and Tailorable Fano Resonances in a One-Dimensional Metal-Optical Tamm State Structure: From a Narrowband Perfect Absorber to a Narrowband Perfect Reflector. <i>Advanced Functional Materials</i> , 2021, 31, 2102183.	14.9	18
3	Self-Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths. <i>Advanced Optical Materials</i> , 2021, 9, 2101474.	7.3	5
4	Lithographic in-mold patterning for CsPbBr ₃ nanocrystals distributed Bragg reflector single-mode laser. <i>Nanoscale</i> , 2021, 13, 15830-15836.	5.6	6
5	Self-Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths (<i>Advanced Optical Materials</i> 24/2021). <i>Advanced Optical Materials</i> , 2021, 9, .	7.3	1
6	Photoelectrochemical water oxidation performance promoted by a cupric oxide-hematite heterojunction photoanode. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 33102-33110.	7.1	7
7	Ultranarrow and Wavelength-Tunable Thermal Emission in a Hybrid Metal-Optical Tamm State Structure. <i>ACS Photonics</i> , 2020, 7, 1569-1576.	6.6	47
8	Hot-electron photodetector with wavelength selectivity in near-infrared <i>via</i> Tamm plasmon. <i>Nanoscale</i> , 2019, 11, 17407-17414.	5.6	33
9	Two-pair multilayer Bloch surface wave platform in the near- and mid-infrared regions. <i>Applied Physics Letters</i> , 2019, 115, 091102.	3.3	17
10	Plasmonic Hot-Carriers in Channel-Coupled Nanogap Structure for Metal-Semiconductor Barrier Modulation and Spectral-Selective Plasmonic Monitoring. <i>ACS Photonics</i> , 2018, 5, 2617-2623.	6.6	22
11	Narrowband Thermal Emission Realized through the Coupling of Cavity and Tamm Plasmon Resonances. <i>ACS Photonics</i> , 2018, 5, 2446-2452.	6.6	74
12	Narrowband thermal emission from Tamm plasmons of a modified distributed Bragg reflector. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	20
13	Plasmonic tooth-multilayer structure with high enhancement field for surface enhanced Raman spectroscopy. <i>Nanotechnology</i> , 2017, 28, 125206.	2.6	3
14	Plasmonic nanochannel structure for narrow-band selective thermal emitter. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	12
15	Narrow-band plasmonic thermal emitter using plasmonic nanochannel structure. , 2017, , .		0
16	Angular dependent optical wavelength selection in hybrid cavity-channel structure by coupled plasmon resonance. , 2016, , .		0