Electrically driven single microwire-based single-mode

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Citation Report

#	Article	IF	Citations
1	Performance enhancement of a self-biased n-ZnO microwire/p-GaN heterojunction ultraviolet photodetector incorporating Ag nanowires. CrystEngComm, 2022, 24, 7727-7738.	2.6	5
2	Interfacial modulation and plasmonic effect mediated high-brightness green light sources in a single Ga-doped ZnO microwire based heterojunction. CrystEngComm, 2022, 24, 6642-6653.	2.6	1
3	High-Photosensitive Ultraviolet Photodetector Based on an N-Zno Microwire/P-Ingan Heterojunction. SSRN Electronic Journal, 0, , .	0.4	0
4	High-photosensitive ultraviolet photodetector based on an n-ZnO microwire/p-InGaN heterojunction. Physica E: Low-Dimensional Systems and Nanostructures, 2023, 146, 115562.	2.7	4
5	Enhancing UV photodetection performance of an individual ZnO microwire pâ€“n homojunction via interfacial engineering. Nanoscale, 2023, 15, 2292-2304.	5.6	18
6	Excitonâ€“polariton light-emitting diode based on a single ZnO superlattice microwire heterojunction with performance enhanced by Rh nanostructures. Physical Chemistry Chemical Physics, 2023, 25, 5836-5848.	2.8	1
7	An individual ZnO microwire homojunction LED with ultraviolet electroluminescence spectrally purified using Pt nanoparticles cladding. Optics and Laser Technology, 2023, 160, 109052.	4.6	7
8	Recent Developments of Electrically Pumped Nanolasers. Laser and Photonics Reviews, 2023, 17, .	8.7	5
9	Ultraviolet Lasing Using Individual GaN Nanobelts. ACS Applied Nano Materials, 2023, 6, 2063-2070.	5.0	1
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11	Ultraviolet Exciton-Polariton Light-Emitting Diode in a ZnO Microwire Homojunction. ACS Applied Materials & Interfaces, 2023, 15, 13258-13269.	8.0	9
12	Excitonic processes and lasing in ZnO thin films and micro/nanostructures. Journal of Applied Physics, 2023, 133, .	2.5	1
13	Fully Inkjetâ€Printed Perovskite Microlaser with an Outcoupling Waveguide. Advanced Optical Materials, 0, , .	7.3	0
14	Plasmon-enhanced photoresponse and stability of a CsPbBr₃ microwire/GaN heterojunction photodetector with surface-modified Ag nanoparticles. Journal of Materials Chemistry C, 2023, 11, 12968-12980.	5.5	5
16	Interfacial engineering boosted narrow-band ultraviolet LED based on n-PtNPs@ZnO:Ga microwire/AlN/p-GaN heterojunction. Results in Physics, 2023, 54, 107065.	4.1	0
17	Highly Monochromatic Ultraviolet LED Based on the SnO₂ Microwire Heterojunction Beyond Dipole-Forbidden Band-Gap Transition. ACS Applied Materials & Interfaces, 2023, 15, 54655-54666.	8.0	2
18	Boosting photoresponses in a SnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si46.svg" display="inline" id="d1e1268"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> microwire heterojunction ultraviolet self-biased photodetector through tailoring heterointerface. Surfaces and Interfaces, 2024, 46, 104001.	3.0	0
19	Single-Mode Surface-Emitting Polariton Lasing with Switchable Polarization in a CsPbBr₃ Microwire Folded Fabryâ€“PÃ©rot Cavity. ACS Photonics, 2024, 11, 1085-1092.	6.6	0

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20	Integrating interface engineering and plasmonic effect to boost photoresponse performance of ZnO:Ga/GaN heterojunction self-powered UV photodetectors. Journal of Luminescence, 2024, 269, 120518.	3.1	0