

Chih-Chiang Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	TiO ₂ Nano Flowers Based EGFET Sensor for pH Sensing. Coatings, 2019, 9, 251.	2.6	32
2	The Effect of Oxygen Vacancy Concentration on Indium Gallium Oxide Solar Blind Photodetector. IEEE Transactions on Electron Devices, 2018, 65, 1817-1822.	3.0	30
3	Low-Frequency Noise Performance of Al-Doped ZnO Nanorod Photosensors by a Low-Temperature Hydrothermal Method. IEEE Transactions on Electron Devices, 2017, 64, 3206-3212.	3.0	22
4	Cs ₄ PbBr ₆ /CsPbBr ₃ Nanocomposites for All-Inorganic Electroluminescent Perovskite Light-Emitting Diodes. ACS Applied Nano Materials, 2020, 3, 11760-11768.	5.0	21
5	Enhanced Field Emission Properties of Ag Nanoparticle-Decorated ZnO Nanorods Under Ultraviolet Illumination. IEEE Transactions on Electron Devices, 2015, 62, 2300-2305.	3.0	20
6	Impact of preparation condition of ZnO electron transport layer on performance of hybrid organic-inorganic light-emitting diodes. Journal of Applied Physics, 2014, 115, 083109.	2.5	14
7	The Effect of Ga Doping Concentration on the Low-Frequency Noise Characteristics and Photoresponse Properties of ZnO Nanorods-Based UV Photodetectors. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 233-239.	2.9	13
8	Impact of Oxygen Vacancy on the Photo-Electrical Properties of In ₂ O ₃ -Based Thin-Film Transistor by Doping Ga. Materials, 2019, 12, 737.	2.9	13
9	Ambient-Processed, Additive-Assisted CsPbBr ₃ Perovskite Light-Emitting Diodes with Colloidal NiOx Nanoparticles for Efficient Hole Transporting. Coatings, 2020, 10, 336.	2.6	10
10	Novel Ga-ZnO Nanosheet Structures Applied in Ultraviolet Photodetectors. IEEE Photonics Technology Letters, 2014, 26, 1317-1320.	2.5	8
11	Effect of Oxygen Concentration Ratio on a Ga ₂ O ₃ -Based Resistive Random Access Memory. IEEE Access, 2019, 7, 175186-175191.	4.2	8
12	Amorphous MgInO Ultraviolet Solar-Blind Photodetectors. IEEE Access, 2019, 7, 103250-103254.	4.2	7
13	UV-Enhanced 2-D Nanostructured ZnO Field Emitter With Adsorbed Pt Nanoparticles. IEEE Electron Device Letters, 2018, 39, 1932-1935.	3.9	6
14	ALD Al ₂ O ₃ gate dielectric on the reduction of interface trap density and the enhanced photo-electric performance of IGO TFT. RSC Advances, 2020, 10, 9902-9906.	3.6	6
15	Electron Field Emission Enhancement Based on Al-Doped ZnO Nanorod Arrays With UV Exposure. IEEE Transactions on Electron Devices, 2018, 65, 251-256.	3.0	4
16	Ultraviolet Photodetection Application in Magnesium Indium Oxide Thin Film Transistors via Co-Sputtering Deposition. Applied Sciences (Switzerland), 2020, 10, 5128.	2.5	4
17	Silver-Doped Citrus Pectin Resistive Random Access Memory with Multilevel Characteristics. ECS Journal of Solid State Science and Technology, 2022, 11, 055003.	1.8	1
18	Hybrid PVK: OXD-7: QDs Emitting Layer for High Color Purified Quantum Dot Light Emitting-Diode. , 2018, , .		0