

Yaojiang Chen

List of Publications by Year in descending order

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368
citing authors

#	ARTICLE	IF	CITATIONS
1	High-speed uni-traveling carrier photodiode for 2.5-μm wavelength application. <i>Optica</i> , 2019, 6, 884.	9.3	65
2	Multi-Objective Optimization-Based Real-Time Control Strategy for Battery/Ultracapacitor Hybrid Energy Management Systems. <i>IEEE Access</i> , 2019, 7, 11640-11650.	4.2	44
3	Demonstration of InAs/InGaAs/GaAs Quantum Dots-in-a-Well Mid-Wave Infrared Photodetectors Grown on Silicon Substrate. <i>Journal of Lightwave Technology</i> , 2018, 36, 2572-2581.	4.6	36
4	High-speed mid-wave infrared interband cascade photodetector at room temperature. <i>Optics Express</i> , 2020, 28, 36915.	3.4	28
5	High-Speed Mid-Infrared Interband Cascade Photodetector Based on InAs/GaAsSb Type-II Superlattice. <i>Journal of Lightwave Technology</i> , 2020, 38, 939-945.	4.6	26
6	Recent Advances in High Speed Photodetectors for eSWIR/MWIR/LWIR Applications. <i>Photonics</i> , 2021, 8, 14.	2.0	25
7	Sub-monolayer quantum dot quantum cascade mid-infrared photodetector. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	24
8	Design of InP-Based High-Speed Photodiode for 2-μm Wavelength Application. <i>IEEE Journal of Quantum Electronics</i> , 2019, 55, 1-8.	1.9	24
9	Dynamic model and bandwidth characterization of InGaAs/GaAsSb type-II quantum wells PIN photodiodes. <i>Optics Express</i> , 2018, 26, 35034.	3.4	21
10	High Speed Mid-Wave Infrared Uni-Traveling Carrier Photodetector. <i>IEEE Journal of Quantum Electronics</i> , 2020, 56, 1-7.	1.9	18
11	InGaAsP/InP Uni-Traveling-Carrier Photodiode at 1064-nm Wavelength. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1331-1334.	2.5	8
12	Multi-objective optimization based real-time control for PEV hybrid energy management systems. , 2018, , .		5
13	Nonlinear Characteristics of Uni-Traveling Carrier Photodiode With InGaAs/GaAsSb Type-II Multiple Quantum Wells Absorber. <i>Journal of Lightwave Technology</i> , 2020, 38, 4867-4873.	4.6	1
14	Uni-Traveling Carrier Photodiode for High Speed and High Power Application. , 2018, , .		0
15	Speed Characterization of InGaAs/GaAsSb Type-II Quantum Wells PIN Photodiodes. , 2018, , .		0
16	High-speed uni-travelling carrier photodiode at 1064nm wavelength. , 2019, , .		0
17	High Speed and High Power Photodiode with 50 GHz Bandwidth. , 2019, , .		0
18	25 GHz Bandwidth High Speed Photodiode for Two-Micron Wavelength Application. , 2019, , .		0