

# Yaojiang Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5946017/publications.pdf>

Version: 2024-02-01

18  
papers

325  
citations

933447

10  
h-index

1199594

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

368  
citing authors

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