Qianhuan Yu

List of Publications by Year in descending order

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26	326	1040056 9	1199594 12
papers	citations	h-index	g-index

26	26	26	426
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-sensitivity intravascular photoacoustic imaging of lipidâ€“laden plaque with a collinear catheter design. Scientific Reports, 2016, 6, 25236.	3.3	78
2	High-speed intravascular photoacoustic imaging at 17 Î¼m with a KTP-based OPO. Biomedical Optics Express, 2015, 6, 4557.	2.9	41
3	High-Power Evanescently Coupled Waveguide MUTC Photodiode With >105-GHz Bandwidth. Journal of Lightwave Technology, 2017, 35, 4752-4757.	4.6	35
4	High-performance modified uni-traveling carrier photodiode integrated on a thin-film lithium niobate platform. Photonics Research, 2022, 10, 1338.	7.0	30
5	Heterogeneous photodiodes on silicon nitride waveguides. Optics Express, 2020, 28, 14824.	3.4	29
6	High-Power Photodiodes With 65 GHz Bandwidth Heterogeneously Integrated Onto Silicon-on-Insulator Nano-Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	19
7	Phase-Modulated Analog Photonic Link With a High-Power High-Linearity Photodiode. Journal of Lightwave Technology, 2018, 36, 3805-3814.	4.6	19
8	Photon-number-resolving segmented detectors based on single-photon avalanche-photodiodes. Optics Express, 2020, 28, 3660.	3.4	14
9	High-Speed Evanescently-Coupled Waveguide Type-II MUTC Photodiodes for Zero-Bias Operation. Journal of Lightwave Technology, 2020, 38, 6827-6832.	4.6	13
10	Segmented waveguide photodetector with 90% quantum efficiency. Optics Express, 2018, 26, 12499.	3.4	9
11	Ge-on-Si Waveguide Photodiode Array for High-Power Applications. , 2018, , .		7
12	Reduction of Amplitude-to-Phase Conversion in Charge-Compensated Modified Unitraveling Carrier Photodiodes. Journal of Lightwave Technology, 2018, 36, 5218-5223.	4.6	7
13	High-gain phase modulated analog photonic link using high-power balanced photodiodes. , 2017, , .		5
14	High-power waveguide MUTC photodiode with 70 GHz bandwidth. , 2016, , .		4
15	Low-Noise Balanced Photoreceiver With InP-on-Si Photodiodes and SiGe BiCMOS Transimpedance Amplifier. Journal of Lightwave Technology, 2021, 39, 4837-4846.	4.6	4
16	Ge-on-Si Balanced Periodic Traveling-Wave Photodetector. , 2019, , .		3
17	High-performance InGaAs/InP photodiodes on silicon using low-temperature wafer-bonding. , 2018, , .		3
18	Low-Noise Balanced Photoreceiver with Waveguide SiN Photodetectors and SiGe TIA. , 2020, , .		3

#	Article	IF	Citations
19	High Power Integrated 100 GHz Photodetectors. , 2018, , .		2
20	Heterogeneous Photodiodes on Silicon Nitride Waveguides with 20 GHz Bandwidth. , 2020, , .		1
21	A Fast Fourier Transform-Based Channel Estimation Algorithm for MLSE Equalization in Optical System. , 2011, , .		0
22	High-speed intravascular photoacoustic imaging of lipid-laden plaque at 1.7 micron (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6		0
23	Zero-Bias GaAsSb/InP Photodiode with 40 GHz Bandwidth. , 2018, , .		0
24	Surface condensation sensor board for damp heat chamber. Review of Scientific Instruments, 2019, 90, 095102.	1.3	0
25	Reduction of Amplitude-to-Phase Conversion in Charge-Compensated Modified Uni-traveling Carrier Photodiodes. , 2018, , .		0
26	Heterogeneous III-V Photodiodes on Silicon Nitride and Silicon. , 2020, , .		0