

Jie Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

746
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Bonded thin film lithium niobate modulator on a silicon photonics platform exceeding 100 GHz 3-dB electrical modulation bandwidth. <i>Optics Express</i> , 2018, 26, 23728.	3.4	222
2	High Quality Entangled Photon Pair Generation in Periodically Poled Thin-Film Lithium Niobate Waveguides. <i>Physical Review Letters</i> , 2020, 124, 163603.	7.8	167
3	Efficient light generation from enhanced inelastic electron tunnelling. <i>Nature Photonics</i> , 2018, 12, 485-488.	31.4	100
4	Achieving beyond-100-GHz large-signal modulation bandwidth in hybrid silicon photonics Mach Zehnder modulators using thin film lithium niobate. <i>APL Photonics</i> , 2019, 4, .	5.7	63
5	Shallow-etched thin-film lithium niobate waveguides for highly-efficient second-harmonic generation. <i>Optics Express</i> , 2020, 28, 19669.	3.4	58
6	Toward 3D Integrated Photonics Including Lithium Niobate Thin Films: A Bridge Between Electronics, Radio Frequency, and Optical Technology. <i>IEEE Nanotechnology Magazine</i> , 2019, 13, 18-33.	1.3	37
7	Poling thin-film x-cut lithium niobate for quasi-phase matching with sub-micrometer periodicity. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	35
8	Design of high-bandwidth, low-voltage and low-loss hybrid lithium niobate electro-optic modulators. <i>JPhys Photonics</i> , 2021, 3, 012001.	4.6	26
9	“Seeing Is Believing” In-Depth Analysis by Co-Imaging of Periodically-Poled X-Cut Lithium Niobate Thin Films. <i>Crystals</i> , 2021, 11, 288.	2.2	23
10	Optical diagnostic methods for monitoring the poling of thin-film lithium niobate waveguides. <i>Optics Express</i> , 2019, 27, 12025.	3.4	15
11	High-quality photon-pair and heralded single-photon generation using periodically-poled thin-film lithium niobate. , 2019, , .		0