

Dave Kharas

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

180
citations

6
h-index

13
g-index

24
ext. papers

297
ext. citations

11.1
avg, IF

2.7
L-index

#	Paper	IF	Citations
16	Integrated multi-wavelength control of an ion qubit. <i>Nature</i> , 2020 , 586, 538-542	50.4	52
15	Low-loss integrated photonics for the blue and ultraviolet regime. <i>APL Photonics</i> , 2019 , 4, 026101	5.2	42
14	Polymer Thin Films on Patterned Si Surfaces. <i>Macromolecules</i> , 1998 , 31, 1915-1920	5.5	28
13	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019 , 25, 1-15	3.8	16
12	Planar-lens Enabled Beam Steering for Chip-scale LIDAR 2018 ,		14
11	High-Power (>300 mW) On-Chip Laser With Passively Aligned Silicon-Nitride Waveguide DBR Cavity. <i>IEEE Photonics Journal</i> , 2020 , 12, 1-12	1.8	7
10	Multi-layer integrated photonics from the ultraviolet to the infrared 2018 ,		6
9	Automated Initialization of Reconfigurable Silicon-Nitride (SiNx) Filters 2018 ,		3
8	A visible-light integrated photonic platform for atomic systems 2019 ,		2
7	Long-Range Static and Dynamic Thermal Crosstalk in Silicon-Nitride (SiNx) Photonic Integrated Circuits 2018 ,		2
6	Luneburg Lens for Wide-Angle Chip-Scale Optical Beam Steering 2019 ,		2
5	Low-loss Thin Film Lithium Niobate Bonded on Silicon Nitride Waveguides 2020 ,		2
4	A photonic integrated resonant accelerometer 2016 ,		2
3	Multi-level photonics for trapped-ion quantum computing 2017 ,		1
2	InGaAsP/InP Membrane Gain Sections for III-V/SiNx Heterogeneous Photonic Integration 2021 ,		1
1	Impact of laser frequency noise on high-extinction optical modulation. <i>Optics Express</i> , 2020 , 28, 39606-39617		0