

Alexander Lohrmann

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

206
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Entanglement demonstration on board a nano-satellite. <i>Optica</i> , 2020, 7, 734.	9.3	65
2	Integration of Single-Photon Emitters into 3C-SiC Microdisk Resonators. <i>ACS Photonics</i> , 2017, 4, 462-468.	6.6	37
3	Experimental entangled photon pair generation using crystals with parallel optical axes. <i>Optics Express</i> , 2018, 26, 12396.	3.4	24
4	Fabrication of planarised conductively patterned diamond for bio-applications. <i>Materials Science and Engineering C</i> , 2014, 43, 135-144.	7.3	23
5	Broadband pumped polarization entangled photon-pair source in a linear beam displacement interferometer. <i>Applied Physics Letters</i> , 2020, 116, 021101.	3.3	20
6	High fidelity field stop collection for polarization-entangled photon pair sources. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	14
7	Creation and Functionalization of Defects in SiC by Proton Beam Writing. <i>Materials Science Forum</i> , 2017, 897, 233-237.	0.3	7
8	Experimental conversion of position correlation into polarization entanglement. <i>Physical Review A</i> , 2020, 102, .	2.5	7
9	Manipulation and measurement of quantum states with liquid crystal devices. <i>Optics Express</i> , 2019, 27, 13765.	3.4	7
10	Engineering Single Defects in Silicon Carbide Bulk, Nanostructures and Devices. <i>Materials Science Forum</i> , 0, 858, 312-317.	0.3	2
11	Enhancing SPDC brightness using elliptical pump shapes. <i>Optics Express</i> , 2019, 27, 32235.	3.4	0