

Tobias Vogl

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

504
citations

840776

11
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring the Emission Wavelength of Color Centers in Hexagonal Boron Nitride for Quantum Applications. <i>Nanomaterials</i> , 2022, 12, 2427.	4.1	13
2	OPEN SOURCE EXPERIMENTS IN QUANTUM PHOTONICS: AN AFFORDABLE APPROACH. <i>EDULEARN Proceedings</i> , 2022, , .	0.0	0
3	Sensitive single-photon test of extended quantum theory with two-dimensional hexagonal boron nitride. <i>Physical Review Research</i> , 2021, 3, .	3.6	15
4	1D p^n Junction Electronic and Optoelectronic Devices from Transition Metal Dichalcogenide Lateral Heterostructures Grown by One-Pot Chemical Vapor Deposition Synthesis. <i>Advanced Functional Materials</i> , 2021, 31, 2101086.	14.9	38
5	Qualification of Femtosecond Laser-Written Waveguides for Space Environment. , 2021, , .		0
6	Lateral Heterostructures: 1D p^n Junction Electronic and Optoelectronic Devices from Transition Metal Dichalcogenide Lateral Heterostructures Grown by One-Pot Chemical Vapor Deposition Synthesis (<i>Adv. Funct. Mater.</i> 27/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170198.	14.9	0
7	Space Qualification of Ultrafast Laser-Written Integrated Waveguide Optics. <i>Laser and Photonics Reviews</i> , 2021, 15, 2000167.	8.7	17
8	Open Source Experiments in Quantum Photonics: an Affordable Approach. , 2021, , .		1
9	Supertransport of excitons in atomically thin organic semiconductors at the 2D quantum limit. <i>Light: Science and Applications</i> , 2020, 9, 116.	16.6	32
10	Atomic localization of quantum emitters in multilayer hexagonal boron nitride. <i>Nanoscale</i> , 2019, 11, 14362-14371.	5.6	46
11	Compact Cavity-Enhanced Single-Photon Generation with Hexagonal Boron Nitride. <i>ACS Photonics</i> , 2019, 6, 1955-1962.	6.6	83
12	Radiation tolerance of two-dimensional material-based devices for space applications. <i>Nature Communications</i> , 2019, 10, 1202.	12.8	91
13	Fabrication and Deterministic Transfer of High-Quality Quantum Emitters in Hexagonal Boron Nitride. <i>ACS Photonics</i> , 2018, 5, 2305-2312.	6.6	100
14	Room temperature single photon source using fiber-integrated hexagonal boron nitride. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 295101.	2.8	37
15	Handheld Quantum Key Distribution. , 2017, , .		2
16	Integrated quantum key distribution sender unit for daily-life implementations. <i>Proceedings of SPIE</i> , 2016, , .	0.8	7
17	Spatial Mode Side Channels in Free-Space QKD Implementations. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 187-191.	2.9	22