

Michael Titze

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9432039/publications.pdf>

Version: 2024-02-01

15
papers

230
citations

1162889

8
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Straining effects in MoS ₂ monolayer on nanostructured substrates: temperature-dependent photoluminescence and exciton dynamics. <i>Nanoscale</i> , 2018, 10, 5717-5724.	2.8	54
2	Valley trion dynamics in monolayer MoSe_2 . <i>Physical Review B</i> , 2016, 94, .	1.7	43
3	Observation of scalable and deterministic multi-atom Dicke states in an atomic vapor. <i>Optics Letters</i> , 2019, 44, 2795.	1.7	32
4	Long range dipole-dipole interaction in low-density atomic vapors probed by double-quantum two-dimensional coherent spectroscopy. <i>Optics Express</i> , 2019, 27, 28891.	1.7	21
5	Intrinsic coherence time of trions in monolayer MoSe_2 measured via two-dimensional coherent spectroscopy. <i>Physical Review Materials</i> , 2018, 2, .	1.7	17
6	Nanoscale solid-state nuclear quadrupole resonance spectroscopy using depth-optimized nitrogen-vacancy ensembles in diamond. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	11
7	Ultrafast Carrier Dynamics of Dual Emissions from the Orthorhombic Phase in Methylammonium Lead Iodide Perovskites Revealed by Two-Dimensional Coherent Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4625-4631.	2.1	9
8	In Situ Ion Counting for Improved Implanted Ion Error Rate and Silicon Vacancy Yield Uncertainty. <i>Nano Letters</i> , 2022, 22, 3212-3218.	4.5	9
9	Interpretation of optical three-dimensional coherent spectroscopy. <i>Physical Review A</i> , 2017, 96, .	1.0	7
10	Measurement and Simulation of the Magnetic Fields from a 555 Timer Integrated Circuit Using a Quantum Diamond Microscope and Finite-Element Analysis. <i>Physical Review Applied</i> , 2022, 17, .	1.5	7
11	Machine learning enabled lineshape analysis in optical two-dimensional coherent spectroscopy. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 1587.	0.9	6
12	Evaluation of the accuracy of stopping and range of ions in matter simulations through secondary ion mass spectrometry and Rutherford backscattering spectrometry for low energy heavy ion implantation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, .	0.9	6
13	Lithium source for focused ion beam implantation and analysis. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2021, 39, .	0.6	4
14	A fitting algorithm for optimizing ion implantation energies and fluences. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2021, 500-501, 52-56.	0.6	4
15	Optical 2D coherent spectroscopy of valley dynamics in monolayer transition metal dichalcogenide. , 2018, , .		0