

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
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15
docs citations

15
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement and Simulation of the Magnetic Fields from a 555 Timer Integrated Circuit Using a Quantum Diamond Microscope and Finite-Element Analysis. Physical Review Applied, 2022, 17, .	1.5	7
2	In Situ Ion Counting for Improved Implanted Ion Error Rate and Silicon Vacancy Yield Uncertainty. Nano Letters, 2022, 22, 3212-3218.	4.5	9
3	Nanoscale solid-state nuclear quadrupole resonance spectroscopy using depth-optimized nitrogen-vacancy ensembles in diamond. Applied Physics Letters, 2022, 120, .	1.5	11
4	Lithium source for focused ion beam implantation and analysis. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2021, 39, .	0.6	4
5	A fitting algorithm for optimizing ion implantation energies and fluences. Nuclear Instruments & Methods in Physics Research B, 2021, 500-501, 52-56.	0.6	4
6	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. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, .	0.9	6
7	Machine learning enabled lineshape analysis in optical two-dimensional coherent spectroscopy. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1587.	0.9	6
8	Ultrafast Carrier Dynamics of Dual Emissions from the Orthorhombic Phase in Methylammonium Lead Iodide Perovskites Revealed by Two-Dimensional Coherent Spectroscopy. Journal of Physical Chemistry Letters, 2019, 10, 4625-4631.	2.1	9
9	Long range dipole-dipole interaction in low-density atomic vapors probed by double-quantum two-dimensional coherent spectroscopy. Optics Express, 2019, 27, 28891.	1.7	21
10	Observation of scalable and deterministic multi-atom Dicke states in an atomic vapor. Optics Letters, 2019, 44, 2795.	1.7	32
11	Straining effects in MoS ₂ monolayer on nanostructured substrates: temperature-dependent photoluminescence and exciton dynamics. Nanoscale, 2018, 10, 5717-5724.	2.8	54
12	Intrinsic coherence time of trions in monolayer MoSe_2 measured via two-dimensional coherent spectroscopy. Physical Review Materials, 2018, 2, .	1.7	17
13	Optical 2D coherent spectroscopy of valley dynamics in monolayer transition metal dichalcogenide. , 2018, , .		0
14	Interpretation of optical three-dimensional coherent spectroscopy. Physical Review A, 2017, 96, .	1.0	7
15	Valley trion dynamics in monolayer MoSe_2 Physical Review B, 2016, 94, .	1.1	43