

Malte Schlosser

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

400
citations

840776

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h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Wideband current modulation of diode lasers for frequency stabilization. Review of Scientific Instruments, 2022, 93, .	1.3	2
2	Digital laser frequency and intensity stabilization based on the STEMLab platform (originally Red) Tj ETQq0 0 0 rgBT, /Overlock, 10 Tf 50 7	1.3	15
3	Assembled arrays of Rydberg-interacting atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 144001.	1.5	12
4	Arrays of individually controllable optical tweezers based on 3D-printed microlens arrays. Optics Express, 2020, 28, 8640.	3.4	22
5	Defect-Free Assembly of 2D Clusters of More Than 100 Single-Atom Quantum Systems. Physical Review Letters, 2019, 122, 203601.	7.8	117
6	Rapid generation of Mott insulators from arrays of noncondensed atoms. Physical Review A, 2018, 97, .	2.5	0
7	Optimization strategies for modulation transfer spectroscopy applied to laser stabilization. Optics Express, 2018, 26, 24010.	3.4	13
8	Quantum simulators by design: Many-body physics in reconfigurable arrays of tunnel-coupled traps. Physical Review A, 2017, 95, .	2.5	18
9	Terahertz homodyne self-mixing transmission spectroscopy. Applied Physics Letters, 2015, 106, 061111.	3.3	4
10	Fast transport, atom sample splitting and single-atom qubit supply in two-dimensional arrays of optical microtraps. New Journal of Physics, 2012, 14, 123034.	2.9	23
11	Scalable architecture for quantum information processing with atoms in optical micro-structures. Quantum Information Processing, 2011, 10, 907-924.	2.2	51
12	Reconfigurable site-selective manipulation of atomic quantum systems in two-dimensional arrays of dipole traps. Physical Review A, 2010, 81, .	2.5	38
13	Coherent Transport of Atomic Quantum States in a Scalable Shift Register. Physical Review Letters, 2010, 105, 170502.	7.8	35
14	Experimental observation of magic-wavelength behavior of ^{87}Rb atoms in an optical lattice. Physical Review A, 2010, 81, .	2.5	50