

Daniel Fischer

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

560
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional imaging of atomic four-body processes. <i>Nature</i> , 2003, 422, 48-50.	27.8	262
2	Probing Scattering Wave Functions Close to the Nucleus. <i>Physical Review Letters</i> , 2003, 91, 253201.	7.8	60
3	Ion-Lithium Collision Dynamics Studied with a Laser-Cooled In-Ring Target. <i>Physical Review Letters</i> , 2012, 109, 113202.	7.8	43
4	Polarization and Interference Effects in Ionization of Li by Ion Impact. <i>Physical Review Letters</i> , 2013, 110, 133201.	7.8	40
5	Electron and recoil ion momentum imaging with a magneto-optically trapped target. <i>Review of Scientific Instruments</i> , 2015, 86, 033105.	1.3	26
6	Evidence for significant projectile-target nucleus scattering in single ionization of helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, L311-L317.	1.5	23
7	Using Circular Dichroism to Control Energy Transfer in Multiphoton Ionization. <i>Physical Review Letters</i> , 2021, 126, 023201.	7.8	22
8	Initial-state selective study of ionization dynamics in ion-Li collisions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 031001.	1.5	18
9	All-optical atom trap as a target for MOTRIMS-like collision experiments. <i>Physical Review A</i> , 2018, 97, .	2.5	14
10	Circular dichroism in atomic resonance-enhanced few-photon ionization. <i>Physical Review A</i> , 2021, 103, .	2.5	13
11	Comparison of experimental and theoretical fully differential cross sections for single ionization of the $2s$ and $2p$ states of Li by O^{8+} ions. <i>Physical Review A</i> , 2016, 94, .	2.5	11
12	Photo-ionization of polarized lithium atoms out of an all-optical atom trap: a complete experiment. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 095201.	1.5	10
13	Magnetic dichroism in few-photon ionization of polarized atoms. <i>Physical Review A</i> , 2021, 104, .	2.5	8
14	Comparison of experimental and theoretical fully differential cross sections for single ionization of the $2s$ and $2p$ states of Li by Li^{2+} ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 215202.	1.5	6
15	Reaction microscope for investigating ionization dynamics of weakly bound alkali dimers. <i>Review of Scientific Instruments</i> , 2021, 92, 123202.	1.3	2
16	Evidence for target outer-shell excitation mediated by electron correlation in single-electron-capture collisions of slow He^{+} ions with Ar atoms. <i>Physical Review A</i> , 2020, 102, .	2.5	1
17	6. Recoil ion momentum spectroscopy with laser-cooled targets. , 2019, , 103-156.		1