

# Daniel Fischer

## List of Publications by Year in descending order

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17  
papers

560  
citations

840776

11  
h-index

940533

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g-index

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17  
docs citations

17  
times ranked

261  
citing authors

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