

Alexander Guttridge

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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citations

1040056

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1199594

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times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-photon photoassociation spectroscopy of CsYb: Ground-state interaction potential and interspecies scattering lengths. <i>Physical Review A</i> , 2018, 98, .	2.5	29
2	Production of ultracold Cs_2 molecules by photoassociation. <i>Physical Review A</i> , 2018, 97, .	2.5	26
3	Direct loading of a large Yb MOT on the ${}^1S_0 \rightarrow {}^3P_1$ transition. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 145006.	1.5	21
4	Interspecies thermalization in an ultracold mixture of Cs and Yb in an optical trap. <i>Physical Review A</i> , 2017, 96, .	2.5	19
5	Quantum degenerate mixtures of Cs and Yb. <i>Physical Review A</i> , 2021, 103, .	2.5	19
6	A versatile dual-species Zeeman slower for caesium and ytterbium. <i>Review of Scientific Instruments</i> , 2016, 87, 043109.	1.3	18
7	Preparation of one ${}^{87}\text{Rb}$ and one ${}^{133}\text{Cs}$ atom in a single optical tweezer. <i>New Journal of Physics</i> , 2021, 23, 065002.	2.9	17
8	Observation of interference effects via four-photon excitation of highly excited Rydberg states in thermal cesium vapor. <i>Optics Letters</i> , 2015, 40, 5570.	3.3	13
9	Magnetic Feshbach resonances in ultracold collisions between Cs and Yb atoms. <i>Physical Review A</i> , 2019, 100, .	2.5	12
10	Dynamics of a degenerate Cs-Yb mixture with attractive interspecies interactions. <i>Physical Review Research</i> , 2021, 3, .	3.6	6
11	One-Photon Photoassociation. <i>Springer Theses</i> , 2019, , 129-165.	0.1	0