

Markus Wiesinger

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1039406

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docs citations

15
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct limits on the interaction of antiprotons with axion-like dark matter. <i>Nature</i> , 2019, 575, 310-314.	13.7	47
2	The ASACUSA antihydrogen and hydrogen program: results and prospects. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170273.	1.6	33
3	Constraints on the Coupling between Axionlike Dark Matter and Photons Using an Antiproton Superconducting Tuned Detection Circuit in a Cryogenic Penning Trap. <i>Physical Review Letters</i> , 2021, 126, 041301.	2.9	32
4	Sympathetic cooling of protons and antiprotons with a common endcap Penning trap. <i>Journal of Modern Optics</i> , 2018, 65, 568-576.	0.6	27
5	A 16-parts-per-trillion measurement of the antiproton-to-proton charge-to-mass ratio. <i>Nature</i> , 2022, 601, 53-57.	13.7	25
6	Hyperfine spectroscopy of hydrogen and antihydrogen in ASACUSA. <i>Hyperfine Interactions</i> , 2019, 240, 1.	0.2	18
7	Sympathetic cooling of a trapped proton mediated by an LC circuit. <i>Nature</i> , 2021, 596, 514-518.	13.7	17
8	Measurement of Ultralow Heating Rates of a Single Antiproton in a Cryogenic Penning Trap. <i>Physical Review Letters</i> , 2019, 122, 043201.	2.9	10
9	Measurement of the principal quantum number distribution in a beam of antihydrogen atoms. <i>European Physical Journal D</i> , 2021, 75, 1.	0.6	10
10	Superconducting Solenoid System with Adjustable Shielding Factor for Precision Measurements of the Properties of the Antiproton. <i>Physical Review Applied</i> , 2019, 12, .	1.5	6
11	A hydrogen beam to characterize the ASACUSA antihydrogen hyperfine spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 935, 110-120.	0.7	6
12	Sympathetic cooling schemes for separately trapped ions coupled via image currents. <i>New Journal of Physics</i> , 2022, 24, 033021.	1.2	6
13	350-fold improved measurement of the antiproton magnetic moment using a multi-trap method. <i>Hyperfine Interactions</i> , 2018, 239, 1.	0.2	4
14	Antiproton beams with low energy spread for antihydrogen production. <i>Journal of Instrumentation</i> , 2019, 14, P05009-P05009.	0.5	4
15	Progress towards an improved comparison of the proton-to-antiproton charge-to-mass ratios. <i>Hyperfine Interactions</i> , 2018, 239, 1.	0.2	2