

Xi Chen

List of Publications by Year in descending order

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papers

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1307594
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9
docs citations

9
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of Equivalence Principle at 10^{-10} level by a Dual-Species Double-Diffraction Raman Atom Interferometer. Physical Review Letters, 2015, 115, 013004.	7.8	224
2	ZAIGA: Zhaoshan long-baseline atom interferometer gravitation antenna. International Journal of Modern Physics D, 2020, 29, 1940005.	2.1	87
3	Accuracy and stability evaluation of the 85 Rb atom gravimeter WAG-H5-1 at the 2017 International Comparison of Absolute Gravimeters. Metrologia, 2019, 56, 045012.	1.2	41
4	Proportional-scanning-phase method to suppress the vibrational noise in nonisotope dual-atom-interferometer-based weak-equivalence-principle-test experiments. Physical Review A, 2014, 90, .	2.5	19
5	Joint mass-and-energy test of the equivalence principle at the 10^{-10} level using atoms with specified mass and internal energy. Physical Review A, 2021, 104, .	2.5	16
6	Laser frequency noise measurement using an envelope-ratio method based on a delayed self-heterodyne interferometer. Optics Communications, 2019, 435, 244-250.	2.1	13
7	Analysis and suppression of wave-front-aberration phase noise in weak-equivalence-principle tests using dual-species atom interferometers. Physical Review A, 2017, 96, .	2.5	10
8	Phase shift of double-diffraction Raman interference due to high-order diffraction states. Physical Review A, 2021, 103, .	2.5	3
9	Systematic error suppression scheme of the weak equivalence principle test by dual atom interferometers in space based on spectral correlation*. Chinese Physics B, 2020, 29, 110305.	1.4	1