

Xing Fan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8923303/publications.pdf>

Version: 2024-02-01

12
papers

155
citations

1478505

6
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Circumventing Detector Backaction on a Quantum Cyclotron. <i>Physical Review Letters</i> , 2021, 126, 070402.	7.8	6
2	Switchable damping for a one-particle oscillator. <i>Review of Scientific Instruments</i> , 2021, 92, 023201.	1.3	2
3	Driven one-particle quantum cyclotron. <i>Physical Review A</i> , 2021, 103, .	2.5	6
4	Theoretical Analysis and Experimental Demonstration of a Chirped Pulse-Train Generator and its Potential for Efficient Cooling of Positronium. <i>Physical Review Applied</i> , 2021, 16, .	3.8	4
5	Gaseous ^3He nuclear magnetic resonance probe for cryogenic environments. <i>Review of Scientific Instruments</i> , 2019, 90, 083107.	1.3	9
6	Towards an Improved Test of the Standard Model's Most Precise Prediction. <i>Atoms</i> , 2019, 7, 45.	1.6	29
7	Vacuum magnetic birefringence experiment as a probe of the dark sector. <i>Progress of Theoretical and Experimental Physics</i> , 2018, 2018, .	6.6	2
8	Generalized Heisenberg-Euler Formula and Its Application to Vacuum Magnetic Birefringence Experiment. <i>Proceedings (mdpi)</i> , 2018, 2, 32.	0.2	0
9	The OVAL experiment: a new experiment to measure vacuum magnetic birefringence using high repetition pulsed magnets. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	38
10	Generalized Heisenberg-Euler formula in Abelian gauge theory with parity violation. <i>Progress of Theoretical and Experimental Physics</i> , 2017, 2017, .	6.6	6
11	Probing Physics in Vacuum Using an X-ray Free-Electron Laser, a High-Power Laser, and a High-Field Magnet. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 671.	2.5	34
12	Study on cooling of positronium for Bose-Einstein condensation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 104001.	1.5	19