

Pâ€f Barker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2236377/publications.pdf>

Version: 2024-02-01

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papers

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citations

1163117

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12
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Cavity Cooling a Single Charged Levitated Nanosphere. <i>Physical Review Letters</i> , 2015, 114, 123602.	7.8	228
2	Nonlinear Dynamics and Strong Cavity Cooling of Levitated Nanoparticles. <i>Physical Review Letters</i> , 2016, 117, 173602.	7.8	119
3	Free Nano-Object Ramsey Interferometry for Large Quantum Superpositions. <i>Physical Review Letters</i> , 2016, 117, 143003.	7.8	85
4	Effects of dipole-dipole interaction on the transmitted spectrum of two-level atoms trapped in an optical cavity. <i>Physical Review A</i> , 2014, 89, .	2.5	25
5	Velocity measurements by flow tagging employing laser enhanced ionisation and laser induced fluorescence. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1995, 50, 1301-1310.	2.9	24
6	Sympathetic cooling by collisions with ultracold rare gas atoms, and recent progress in optical Stark deceleration. <i>Faraday Discussions</i> , 2009, 142, 175.	3.2	15
7	A high-energy, chirped laser system for optical Stark deceleration. <i>Applied Physics B: Lasers and Optics</i> , 2011, 104, 569-576.	2.2	14
8	Trapping Cold Ground State Argon Atoms. <i>Physical Review Letters</i> , 2014, 113, 183001.	7.8	9
9	Measurements of neutral atom diffusion and electron-ion recombination by laser enhanced ionisation and planar laser induced fluorescence in an air-acetylene flame. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1997, 52, 459-469.	2.9	7
10	Bose <i>et al.</i> Reply. <i>Physical Review Letters</i> , 2017, 118, 108902.	7.8	6
11	Realizing Einstein's Mirror: Optomechanical Damping with a Thermal Photon Gas. <i>Physical Review Letters</i> , 2021, 127, 213602.	7.8	2
12	Characterising a tunable, pulsed atomic beam using matter-wave interferometry. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 155301.	1.5	0