

Simon Stellmer

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,497
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1372
citing authors

#	ARTICLE	IF	CITATIONS
1	Magneto-optical trapping of mercury at high phase-space density. Physical Review A, 2022, 105, .	2.5	5
2	X-ray pumping of the ^{229}Th nuclear clock isomer. Nature, 2019, 573, 238-242.	27.8	65
3	Attempt to optically excite the nuclear isomer in ^{229}Th . Physical Review A, 2018, 97, .		42
4	Toward an energy measurement of the internal conversion electron in the deexcitation of the ^{229}Th nuclear clock isomer. Physical Review C, 2019, 100, 014301.		8
5	Alaser excitation Scheme for ^{229}Th . Physical Review Letters, 2017, 119, 132503.	7.8	34
6	Towards a measurement of the nuclear clock transition in ^{229}Th . Journal of Physics: Conference Series, 2016, 723, 012059.	0.4	9
7	Feasibility study of measuring the nuclear isomer transition with ^{229}Th doped crystals. Physical Review C, 2016, 94, 014301.	2.9	20
8	Radioluminescence and photoluminescence of $\text{Th}:\text{CaF}_2$ crystals. Scientific Reports, 2015, 5, 15580.	3.3	35
9	Reservoir spectroscopy of ^{229}Th . Physical Review Letters, 2015, 115, 083601.	2.5	24
10	Quantum degenerate mixtures of strontium and rubidium atoms. Physical Review A, 2013, 88, .	2.5	109
11	Production of quantum-degenerate strontium gases. Physical Review A, 2013, 87, .	2.5	78
12	Laser Cooling to Quantum Degeneracy. Physical Review Letters, 2013, 110, 263003.	7.8	106
13	Creation of Ultracold Sr_2 Molecules in the Electronic Ground State. Physical Review Letters, 2012, 109, 115302.	7.8	101
14	Detection and manipulation of nuclear spin states in fermionic strontium. Physical Review A, 2011, 84, .	2.5	60
15	Double-degenerate Bose-Fermi mixture of strontium. Physical Review A, 2010, 82, .	2.5	94
16	Bose-Einstein condensation of Sr_2 . Physical Review A, 2010, 82, .	2.5	40
17	Bose-Einstein Condensation of Strontium. Physical Review Letters, 2009, 103, 200401.	7.8	177
18	Oscillations and interactions of dark and dark-bright solitons in Bose-Einstein condensates. Nature Physics, 2008, 4, 496-501.	16.7	490