

Simon Stellmer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/735985/publications.pdf>

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 | Oscillations and interactions of dark and darkâ€“bright solitons in Boseâ€“Einstein condensates. Nature Physics, 2008, 4, 496-501. | 16.7 | 490 |
| 2 | Bose-Einstein Condensation of Strontium. Physical Review Letters, 2009, 103, 200401. | 7.8 | 177 |
| 3 | Quantum degenerate mixtures of strontium and rubidium atoms. Physical Review A, 2013, 88, . | 2.5 | 109 |
| 4 | Laser Cooling to Quantum Degeneracy. Physical Review Letters, 2013, 110, 263003. | 7.8 | 106 |
| 5 | Creation of Ultracold Sr^2 Molecules in the Electronic Ground State. Physical Review Letters, 2012, 109, 115302. | 7.8 | 101 |
| 6 | Double-degenerate Bose-Fermi mixture of strontium. Physical Review A, 2010, 82, . | 2.5 | 94 |
| 7 | Production of quantum-degenerate strontium gases. Physical Review A, 2013, 87, . | 2.5 | 78 |
| 8 | X-ray pumping of the ^{229}Th nuclear clock isomer. Nature, 2019, 573, 238-242. | 27.8 | 65 |
| 9 | Detection and manipulation of nuclear spin states in fermionic strontium. Physical Review A, 2011, 84, . | 2.5 | 60 |
| 10 | Attempt to optically excite the nuclear isomer in ^{229}Th . Physical Review A, 2018, 97, . | | 42 |
| 11 | Bose-Einstein condensation of Sr^86 . Physical Review A, 2010, 82, . | 2.5 | 40 |
| 12 | Radioluminescence and photoluminescence of $\text{Th}:\text{CaF}_2$ crystals. Scientific Reports, 2015, 5, 15580. | 3.3 | 35 |
| 13 | A Laser Excitation Scheme for ^{229}Th . Reservoir spectroscopy of ^{229}Th . Physical Review A, 2016, 94, . | 7.8 | 34 |
| 14 | ^{229}Th nuclear isomer transition with ^{229}Th doped crystals. Physical Review C, 2016, 94, . | 2.5 | 24 |
| 15 | Towards a measurement of the nuclear clock transition in ^{229}Th . Journal of Physics: Conference Series, 2016, 723, 012059. | 2.9 | 20 |
| 16 | Toward an energy measurement of the internal conversion electron in the deexcitation of the ^{229}Th isomer. Physical Review C, 2018, 98, . | 0.4 | 9 |
| 17 | Magneto-optical trapping of mercury at high phase-space density. Physical Review A, 2022, 105, . | 2.5 | 5 |