

Laurent Vernac

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3907141/publications.pdf>

Version: 2024-02-01

10
papers

322
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

426
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nonequilibrium Quantum Magnetism in a Dipolar Lattice Gas. Physical Review Letters, 2013, 111, 185305. | 7.8 | 196 |
| 2 | High flux source of cold rubidium atoms. Review of Scientific Instruments, 2005, 76, 103101. | 1.3 | 42 |
| 3 | Resonant demagnetization of a dipolar Bose-Einstein condensate in a three-dimensional optical lattice. Physical Review A, 2013, 87, . | 2.5 | 22 |
| 4 | Relaxation of the Collective Magnetization of a Dense 3D Array of Interacting Dipolar $S=3$ Atoms. Physical Review Letters, 2020, 125, 143401. | 7.8 | 14 |
| 5 | Radio-frequency association of molecules: an assisted Feshbach resonance. European Physical Journal D, 2010, 56, 99-104. | 1.3 | 10 |
| 6 | Spin mixing and protection of ferromagnetism in a spinor dipolar condensate. Physical Review A, 2018, 97, . | 2.5 | 10 |
| 7 | Quantum state transfer from light beams to atomic ensembles. European Physical Journal D, 2001, 17, 125-136. | 1.3 | 9 |
| 8 | Quantum tomography of a laser beam interacting with cold atoms. Europhysics Letters, 1999, 46, 722-727. | 2.0 | 8 |
| 9 | Collective atomic spin squeezing and control. European Physical Journal D, 2002, 18, 129-135. | 1.3 | 7 |
| 10 | Measuring Correlations from the Collective Spin Fluctuations of a Large Ensemble of Lattice-Trapped Dipolar Spin-3 Atoms. Physical Review Letters, 2022, 129, . | 7.8 | 4 |