

Laurent Vernac

List of Publications by Year in descending order

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