

Vera Guarrera

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,325
citations

623734

14
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1263
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Spin-noise spectroscopy of a noise-squeezed atomic state. <i>Physical Review Research</i> , 2021, 3, . | 3.6 | 2 |
| 2 | Response dynamics of an alkali-metalâ€“noble-gas hybrid trispin system. <i>Physical Review A</i> , 2021, 104, . | 2.5 | 2 |
| 3 | Parametric Amplification and Noise Squeezing in Room Temperature Atomic Vapors. <i>Physical Review Letters</i> , 2019, 123, 033601. | 7.8 | 4 |
| 4 | Linear and nonlinear coherent coupling in a Bell-Bloom magnetometer. <i>Physical Review A</i> , 2018, 98, . | 2.5 | 3 |
| 5 | Distributed quasi-Bragg beam splitter in crossed atomic waveguides. <i>Scientific Reports</i> , 2017, 7, 4749. | 3.3 | 5 |
| 6 | Microwave-dressed state-selective potentials for atom interferometry. <i>New Journal of Physics</i> , 2015, 17, 083022. | 2.9 | 10 |
| 7 | Mesoscopic Rydberg-blockaded ensembles in the superatom regime and beyond. <i>Nature Physics</i> , 2015, 11, 157-161. | 16.7 | 91 |
| 8 | Localization by dissipative disorder: Deterministic approach to position measurements. <i>Physical Review A</i> , 2015, 91, . | 2.5 | 1 |
| 9 | Scanning electron microscopy of Rydberg-excited Boseâ€“Einstein condensates. <i>New Journal of Physics</i> , 2014, 16, 083034. | 2.9 | 17 |
| 10 | Dimensional Phase Transition from an Array of 1D Luttinger Liquids to a 3D Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2014, 113, 215301. | 7.8 | 23 |
| 11 | A cold-atom random laser. <i>Nature Physics</i> , 2013, 9, 357-360. | 16.7 | 82 |
| 12 | Controlling the Dynamics of an Open Many-Body Quantum System with Localized Dissipation. <i>Physical Review Letters</i> , 2013, 110, 035302. | 7.8 | 206 |
| 13 | A random laser with cold atoms. , 2013, , . | | 0 |
| 14 | Thermodynamics of strongly correlated one-dimensional Bose gases. <i>Physical Review A</i> , 2013, 88, . | 2.5 | 38 |
| 15 | Continuous coupling of ultracold atoms to an ionic plasma via Rydberg excitation. <i>Physical Review A</i> , 2012, 86, . | 2.5 | 15 |
| 16 | Spatiotemporal fermionization of strongly interacting one-dimensional bosons. <i>Physical Review A</i> , 2012, 86, . | 2.5 | 22 |
| 17 | Observation of Local Temporal Correlations in Trapped Quantum Gases. <i>Physical Review Letters</i> , 2011, 107, 160403. | 7.8 | 39 |
| 18 | Electron Microscopy of Ultracold Gases. <i>Advances in Imaging and Electron Physics</i> , 2011, , 75-98. | 0.2 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Noise Correlation Spectroscopy of the Broken Order of a Mott Insulating Phase. Physical Review Letters, 2008, 100, 250403. | 7.8 | 36 |
| 20 | Inhomogeneous broadening of a Mott insulator spectrum. New Journal of Physics, 2007, 9, 107-107. | 2.9 | 36 |
| 21 | Ultracold Atoms in a Disordered Crystal of Light: Towards a Bose Glass. Physical Review Letters, 2007, 98, 130404. | 7.8 | 384 |
| 22 | Effect of interactions on the localization of a Bose-Einstein condensate in a quasiperiodic lattice. Physical Review A, 2007, 75, . | 2.5 | 68 |
| 23 | Insulating phases of ultracold bosons in a disordered optical lattice: from a Mott Insulator to a Bose Glass. AIP Conference Proceedings, 2006, , . | 0.4 | 1 |
| 24 | Effect of Optical Disorder and Single Defects on the Expansion of a Bose-Einstein Condensate in a One-Dimensional Waveguide. Physical Review Letters, 2005, 95, 170410. | 7.8 | 239 |