

Jorge Amin Seman Harutinian

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

858
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

839
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Experimental setup for the production of ultracold strongly correlated fermionic superfluids of 6Li. Revista Mexicana De Física, 2020, 66, 388-403. | 0.4 | 4 |
| 2 | Creation of optical speckle by randomizing a vortex-lattice. Optics Express, 2019, 27, 4105. | 3.4 | 3 |
| 3 | Global thermodynamics of confined inhomogeneous dilute gases: A semi-classical approach. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |
| 4 | Connecting Dissipation and Phase Slips in a Josephson Junction between Fermionic Superfluids. Physical Review Letters, 2018, 120, 025302. | 7.8 | 67 |
| 5 | Critical properties of weakly interacting Bose gases as modified by a harmonic confinement. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 073101. | 2.3 | 2 |
| 6 | Equation of state for a trapped quantum gas: remnant of zero-point energy effects. New Journal of Physics, 2016, 18, 023014. | 2.9 | 6 |
| 7 | All-optical production of 6Li quantum gases. Journal of Physics: Conference Series, 2015, 594, 012042. | 0.4 | 2 |
| 8 | Josephson effect in fermionic superfluids across the BEC-BCS crossover. Science, 2015, 350, 1505-1508. | 12.6 | 125 |
| 9 | Efficient all-optical production of large 6Li quantum gases using 6Li | 2.5 | 77 |
| 10 | Turbulence in a trapped Bose-Einstein condensate. Journal of Physics: Conference Series, 2011, 264, 012004. | 0.4 | 8 |
| 11 | Three-vortex configurations in trapped Bose-Einstein condensates. Physical Review A, 2010, 82, . | 2.5 | 51 |
| 12 | Generation of Vortices and Observation of Quantum Turbulence in an Oscillating Bose-Einstein Condensate. Journal of Low Temperature Physics, 2010, 158, 435-442. | 1.4 | 26 |
| 13 | Observation of vortex formation in an oscillating trapped Bose-Einstein condensate. Physical Review A, 2009, 79, . | 2.5 | 50 |
| 14 | Finite temperature correction to the Thomas-Fermi approximation for a Bose-Einstein condensate: comparison between theory and experiment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 145304. | 1.5 | 14 |
| 15 | Emergence of Turbulence in an Oscillating Bose-Einstein Condensate. Physical Review Letters, 2009, 103, 045301. | 7.8 | 254 |
| 16 | Introduction to the Basic-Concepts of Bose-Einstein Condensation. AIP Conference Proceedings, 2008, , . | 0.4 | 1 |
| 17 | Generation of nonground-state Bose-Einstein condensates by modulating atomic interactions. Physical Review A, 2008, 78, . | 2.5 | 31 |
| 18 | Bose-Einstein condensation in 87Rb: characterization of the Brazilian experiment. Brazilian Journal of Physics, 2008, 38, 279-286. | 1.4 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Evaporation in atomic traps: A simple approach. American Journal of Physics, 2007, 75, 907-910. | 0.7 | 1 |
| 20 | Experiments with Bose-Einstein Condensation of Na and Rb. AIP Conference Proceedings, 2007, , . | 0.4 | 0 |
| 21 | Controlled anisotropic deformation of Ag nanoparticles by Si ion irradiation. Physical Review B, 2006, 74, . | 3.2 | 118 |