Quantum Mechanical Stabilization of a Collapsing Bose-

Physical Review Letters

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Citation Report

#	Article	IF	Citations
1	Ultradilute Low-Dimensional Liquids. Physical Review Letters, 2016, 117, 100401.	2.9	292
2	Production of strongly bound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">K</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>39</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> bright solitons. Physical Review A, 2016, 94, .	1.0	46
3	Quantum-Fluctuation-Driven Crossover from a Dilute Bose-Einstein Condensate to a Macrodroplet in a Dipolar Quantum Fluid. Physical Review X, 2016, 6, .	2.8	315
4	Ground-state phase diagram of a dipolar condensate with quantum fluctuations. Physical Review A, 2016, 94, .	1.0	142
5	Quantum filaments in dipolar Bose-Einstein condensates. Physical Review A, 2016, 93, .	1.0	201
6	Observation of Quantum Droplets in a Strongly Dipolar Bose Gas. Physical Review Letters, 2016, 116, 215301.	2.9	466
7	Ground-state properties and elementary excitations of quantum droplets in dipolar Bose-Einstein condensates. Physical Review A, 2016, 94, .	1.0	144
8	A strange kind of liquid. Nature, 2016, 539, 176-177.	13.7	10
9	Self-bound droplets of a dilute magnetic quantum liquid. Nature, 2016, 539, 259-262.	13.7	381
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11	Liquid quantum droplets of ultracold magnetic atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 214004.	0.6	59
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15	Multicomponent correlated-basis-function method and its application to multilayered dipolar Bose gases. Physical Review A, 2017, 95, .	1.0	5
16	Quantum Engineering of a Low-Entropy Gas of Heteronuclear Bosonic Molecules in an Optical Lattice. Physical Review Letters, 2017, 118, 073201.	2.9	59
17	Magic tilt angle for stabilizing two-dimensional solitons by dipole-dipole interactions. Physical Review A, 2017, 96, .	1.0	12
18	Equation of state and self-bound droplet in Rabi-coupled Bose mixtures. Scientific Reports, 2017, 7, 13358.	1.6	58

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21	Symmetry breaking, Josephson oscillation and self-trapping in a self-bound three-dimensional quantum ball. Scientific Reports, 2017, 7, 16045.	1.6	3
22	Observation of a Degenerate Fermi Gas Trapped by a Bose-Einstein Condensate. Physical Review Letters, 2017, 119, 233401.	2.9	44
23	Dissociation of One-Dimensional Matter-Wave Breathers due to Quantum Many-Body Effects. Physical Review Letters, 2017, 119, 220401.	2.9	24
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25	The phase diagram and stability of trapped D-dimensional spin-orbit coupled Bose-Einstein condensate. Scientific Reports, 2017, 7, 15635.	1.6	3
26	Dynamical stabilization of two-dimensional trapless Boseâ€“Einstein condensates by three-body interaction and quantum fluctuations. Chaos, Solitons and Fractals, 2017, 103, 232-237.	2.5	12
27	Solvable model of a generic trapped mixture of interacting bosons: reduced density matrices and proof of Boseâ€“Einstein condensation. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 295002.	0.7	12
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32	Collective Excitations of Self-Bound Droplets of a Dipolar Quantum Fluid. Physical Review Letters, 2017, 119, 255302.	2.9	66
33	Feshbach spectroscopy and dual-species Bose-Einstein condensation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Na</mml:mi><mml:mprescripts /><mml:none /><mml:mn>23</mml:mn></mml:mmultiscripts><mml:mtext>â^’</mml:mtext><mml:mmultiscripts><mml:mi mathvariant="normal">K</mml:mi><mml:mprescripts /><mml:none /><mml:mn>39</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> mixtures. Physical Review A, 2	1.0	30
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56	Two-dimensional vortex quantum droplets. Physical Review A, 2018, 98, .	1.0	108
57	Nonuniversal beyond-mean-field properties of quasi-two-dimensional dipolar Bose gases. Physical Review A, 2018, 98, .	1.0	10
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164	Towards a quantum Monte Carloâ€“based density functional including finite-range effects: Excitation modes of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">K</mml:mi><mml:mprescripts /><mml:none /><mml:mn>39</mml:mn></mml:mmultiscripts></mml:math> quantum droplet. Physical Review A, 2020, 101, . <mml:mrow><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts><mml:mo>â^’</mml:mo><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts></mml:mrow> nanodroplets. Physical Review B, 2020, 102, .	1.1	5
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