Yu Zhou

List of Publications by Year
in descending order

17 papers	108 citations	1684188 5 h-index	1372567 10 g-index
17 all docs	17 docs citations	17 times ranked	51 citing authors

#	ARTICLE	IF	CITATIONS
1	Interference patterns of superfluid Fermi gases in the BCS-BEC crossover released from optical lattices. Physical Review A, 2008, 77, .	2.5	27
2	Collective modes of low-dimensional superfluid Fermi gases in the BCS-BEC crossover: Time-dependent variational analysis. Physical Review A, 2007, 75, .	2.5	19
3	Frequency shift and mode coupling of the collective modes of superfluid Fermi gases in the BCS-BEC crossover. Physical Review B, 2008, 77, .	3.2	13
4	Exact soliton solutions of the generalized Gross-Pitaevskii equation based on expansion method. AIP Advances, 2014, 4, 067131.	1.3	11
5	Vector propagation properties of the Bessel–Gauss beam in the far field. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	10
6	Dark soliton pair of ultracold Fermi gases for a generalized Gross-Pitaevskii equation model. Physical Review E, 2016, 94, 012225.	2.1	6
7	A singularity free and derivative free approach for Abel integral equation in analyzing the laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 167, 105791.	2.9	6
8	Tunneling and Self-Trapping of Superfluid Fermi Gases in BCS-BEC Crossover. Communications in Theoretical Physics, 2012, 57, 188-194.	2.5	5
9	Stability of even-denominator fractional quantum Hall states in systems with strong Landau-level mixing. Physical Review B, 2021, 104, .	3.2	4
10	Collective Modes of a Quasi-Two-Dimensional Superfluid Fermi Gas in BCS-BEC Crossover. Chinese Physics Letters, 2006, 23, 2662-2665.	3.3	3
11	Landau damping and frequency-shift of monopole mode in an elongated-rubidium Bose-Einstein condensate. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 130307.	0.5	2
12	Vortex of an anomalous mode in Fermi gas near unitarity limit. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 140301.	0.5	2
13	Field Squeezing in a Quantum-Dot Molecule Jaynes-Cummings Model. Advances in Optics, 2014, 2014, 1-7.	0.3	0
14	A Modified Approach to the New Solutions of Generalized mKdV Equation Using (G′²/G)-Expansion. ISRN Applied Mathematics, 2014, 2014, 1-10.	0.5	0
15	Analytical solitonlike solutions and the dynamics of ultracold Fermi gases in a time-dependent three-dimensional harmonic potential. Physical Review E, 2015, 92, 032910.	2.1	0
16	Nonlinear dynamics of the generalized Thirring system. Journal of the Korean Physical Society, 2015, 67, 290-294.	0.7	0
17	Dark soliton solution of the three-dimensional Gross-Pitaevskii equation with an isotropic harmonic potential and nonlinearity in polytropic approximation. Journal of the Korean Physical Society, 2016, 68, 383-386.	0.7	0