

# Yu Zhou

## List of Publications by Year in descending order

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