

# Zhihuan Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

316  
citations

1307594

7  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional vortex quantum droplets. <i>Physical Review A</i> , 2018, 98, .	2.5	108
2	Two-dimensional solitons and quantum droplets supported by competing self- and cross-interactions in spin-orbit-coupled condensates. <i>New Journal of Physics</i> , 2017, 19, 113043.	2.9	96
3	Dipolar Matter-Wave Soliton in One-Dimensional Optical Lattice with Tunable Local and Nonlocal Nonlinearities. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 094401.	1.6	31
4	Anisotropic semivortices in dipolar spinor condensates controlled by Zeeman splitting. <i>Physical Review A</i> , 2017, 96, .	2.5	26
5	Two-dimensional composite solitons in Bose-Einstein condensates with spatially confined spin-orbit coupling. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 73, 481-489.	3.3	17
6	Switch between the Types of the Symmetry Breaking Bifurcation in Optically Induced Photorefractive Rotational Double-Well Potential. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 034401.	1.6	10
7	Spatiotemporal solitary modes in a twisted cylinder waveguide shell with the self-focusing Kerr nonlinearity. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 67, 617-626.	3.3	8
8	Double Symmetry Breaking of Modes in Dual-Core Rotating System. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 124401.	1.6	7
9	Harmonically trapped fermions in two dimensions: Ground-state energy and contact of SU(2) and SU(4) systems via a nonuniform lattice Monte Carlo method. <i>Physical Review A</i> , 2016, 93, .	2.5	6
10	Stability limits for modes held in alternating trapping-expulsive potentials. <i>Physical Review E</i> , 2022, 106, .	2.1	4
11	Matter-wave soliton buffer realized by a tailored one-dimensional lattice. <i>Modern Physics Letters B</i> , 2018, 32, 1850070.	1.9	2
12	Symmetry and asymmetry nonlinear modes in dual cylinder waveguide shells coupled by a rotating double-well connection. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2019, 28, 1850039.	1.8	1
13	Zigzag Solitons and Spontaneous Symmetry Breaking in Discrete Rabi Lattices with Long-Range Hopping. <i>Symmetry</i> , 2018, 10, 277.	2.2	0
14	Hybrid matter-wave - microwave solitons on the lattice. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 77, 168-180.	3.3	0