

Zhihuan Luo

List of Publications by Year in descending order

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14
papers

316
citations

1307594

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docs citations

14
times ranked

144
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Stability limits for modes held in alternating trapping-expulsive potentials. <i>Physical Review E</i> , 2022, 106, . | 2.1 | 4 |
| 2 | 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 |
| 3 | 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 |
| 4 | Hybrid matter-wave - microwave solitons on the lattice. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 77, 168-180. | 3.3 | 0 |
| 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 | Matter-wave soliton buffer realized by a tailored one-dimensional lattice. <i>Modern Physics Letters B</i> , 2018, 32, 1850070. | 1.9 | 2 |
| 7 | Two-dimensional vortex quantum droplets. <i>Physical Review A</i> , 2018, 98, . | 2.5 | 108 |
| 8 | Zigzag Solitons and Spontaneous Symmetry Breaking in Discrete Rabi Lattices with Long-Range Hopping. <i>Symmetry</i> , 2018, 10, 277. | 2.2 | 0 |
| 9 | Anisotropic semivortices in dipolar spinor condensates controlled by Zeeman splitting. <i>Physical Review A</i> , 2017, 96, . | 2.5 | 26 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |