

# Zheng Zhou

## List of Publications by Year in descending order

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17  
papers

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citations

1307594

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h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of quantum droplets in a one-dimensional optical lattice. Communications in Nonlinear Science and Numerical Simulation, 2019, 78, 104881.	3.3	35
2	Floquet control of the gain and loss in a PT-symmetric optical coupler. Frontiers of Physics, 2017, 12, 1.	5.0	19
3	Second-order tunneling of two interacting bosons in a driven triple well. New Journal of Physics, 2013, 15, 123020.	2.9	13
4	Chaotic transport of a matter-wave soliton in a biperiodically driven optical superlattice. Chaos, Solitons and Fractals, 2012, 45, 1423-1429.	5.1	12
5	Controllable dissipative quantum droplets in one-dimensional optical lattices. Chaos, Solitons and Fractals, 2021, 150, 111193.	5.1	12
6	Controlling stable tunneling in a non-Hermitian spin-orbit coupled bosonic junction. New Journal of Physics, 2020, 22, 093041.	2.9	10
7	Photon-assisted $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ symmetry and stability of two strongly interacting bosons in a non-Hermitian driven double well. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126197.	2.1	8
8	Coherent control via interplay between driving field and two-body interaction in a double well. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 3078-3083.	2.1	6
9	Analytical Study on Propagation Dynamics of Optical Beam in Parity-Time Symmetric Optical Couplers*. Communications in Theoretical Physics, 2015, 63, 406-412.	2.5	6
10	Floquet Bound States in a Driven Two-Particle Bose-Hubbard Model with an Impurity. Chinese Physics Letters, 2017, 34, 070304.	3.3	6
11	Oscillatory stability of quantum droplets in $\mathbb{P}T$ -symmetric optical lattice. Communications in Theoretical Physics, 2021, 73, 065103.	2.5	6
12	Combined Effect of Classical Chaos and Quantum Resonance on Entanglement Dynamics. Chinese Physics Letters, 2016, 33, 070302.	3.3	5
13	Floquet modulation of $\mathcal{PT}$ symmetry in an atomic Bose-Josephson junction. European Physical Journal D, 2016, 70, 1.	1.3	4
14	Floquet-surface bound states in the continuum in a resonantly driven one-dimensional tilted defect-free lattice. Physical Review A, 2020, 102, .	2.5	3
15	Second-order tunneling under the dynamic localization condition of two particles in driven one-dimensional lattices with an impurity. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 225002.	1.5	2
16	First-Principles Study of Electronic Structure And Physical Properties of III-V Semiconductors. Russian Journal of Physical Chemistry B, 2021, 15, 949-953.	1.3	2
17	Collision Dynamics of Dissipative Matter-Wave Solitons in a Perturbed Optical Lattice. Chinese Physics Letters, 2016, 33, 110301.	3.3	1