

Yong-Kai Liu

List of Publications by Year in descending order

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15
papers

104
citations

1478505

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h-index

1372567

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15
all docs

15
docs citations

15
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact solitons and manifold mixing dynamics in the spin-orbit-coupled spinor condensates. Europhysics Letters, 2014, 108, 30004.	2.0	38
2	Three-dimensional dimeron as a stable topological object. Physical Review A, 2015, 91, .	2.5	10
3	Stable knotted structure in spin-1 Bose-Einstein condensates with spin-orbit coupling. Physical Review A, 2019, 99, .	2.5	10
4	3D skyrmion and knot in two-component Bose-Einstein condensates. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 3300-3303.	2.1	9
5	Half-knot in the spinor condensates. Physical Review A, 2013, 87, .	2.5	8
6	Vortex-pair states in spin-orbit-coupled Bose-Einstein condensates with coherent coupling. Frontiers of Physics, 2018, 13, 1.	5.0	6
7	Composite solitons in SU (3) spin-orbit-coupling Bose gases. Communications in Theoretical Physics, 2020, 72, 025501.	2.5	6
8	Interlocked knot in spinor Bose-Einstein condensates. Chaos, Solitons and Fractals, 2020, 140, 110209.	5.1	5
9	EXACT SOLUTIONS TO THE SPIN-2 GROSS-PITAEVSKII EQUATIONS. Modern Physics Letters B, 2013, 27, 1350013.	1.9	4
10	HALF-SKYRMION IN SPINOR BOSE-EINSTEIN CONDENSATES. Modern Physics Letters B, 2013, 27, 1350183.	1.9	2
11	Stable double-pair skyrmion in an antiferromagnetic $F=1$ Bose-Einstein condensate. New Journal of Physics, 2017, 19, 063037.	2.9	2
12	Skyrmions and composite vortex states in three-component Bose-Einstein condensates with spin-orbit coupling. Annals of Physics, 2019, 405, 289-297.	2.8	2
13	Composite vortex rings in ferromagnetic spin-1 Bose-Einstein condensates. Chaos, Solitons and Fractals, 2020, 132, 109546.	5.1	1
14	Solitons in spin-tensor-momentum-coupled Bose-Einstein condensates. Modern Physics Letters B, 2021, 35, 2150232.	1.9	1
15	FRACTIONAL WINDINGS OF THE SPINOR CONDENSATES ON A RING. International Journal of Modern Physics B, 2013, 27, 1350070.	2.0	0