

Ji Lin

List of Publications by Year in descending order

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times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	The $\vec{(2+1)}$ (2 + 1) -dimensional Konopelchenkoâ€“Dubrovsky equation: nonlocal symmetries and interaction solutions. Nonlinear Dynamics, 2016, 86, 1855-1862.	5.2	106
2	Similarity and conditional similarity reductions of a (2+1)-dimensional KdV equation via a direct method. Journal of Mathematical Physics, 2000, 41, 8286-8303.	1.1	94
3	Soliton and breather molecules in few-cycle-pulse optical model. Nonlinear Dynamics, 2020, 100, 3745-3757.	5.2	72
4	Rogue wave, interaction solutions to the KMM system. Journal of Magnetism and Magnetic Materials, 2020, 502, 166590.	2.3	65
5	Consistent Riccati expansion and rational solutions of the Drinfelâ€™dâ€“Sokolovâ€“Wilson equation. Applied Mathematics Letters, 2020, 105, 106326.	2.7	61
6	Soliton solutions for two nonlinear partial differential equations using a Darboux transformation of the Lax pairs. Physical Review E, 2008, 77, 036605.	2.1	46
7	Interaction solutions between lump and stripe soliton to the (2+1)-dimensional Dateâ€“Jimboâ€“Kashiwaraâ€“Miwa equation. Nonlinear Dynamics, 2019, 96, 1233-1241.	5.2	44
8	Rogue Waves in Nonintegrable KdV-Type Systems. Chinese Physics Letters, 2018, 35, 050202.	3.3	38
9	Solitons in nonlocal nonlinear kerr media with exponential response function. Optics Express, 2012, 20, 7469.	3.4	31
10	Soliton solutions in nonlocal nonlinear coupler. Nonlinear Dynamics, 2017, 88, 489-501.	5.2	25
11	Interaction Behaviours Between Soliton and Cnoidal Periodic Waves for the Cubic Generalised Kadomtsevâ€“Petviashvili Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 539-544.	1.5	24
12	A New Nonlinear Equation with Lump-Soliton, Lump-Periodic, and Lump-Periodic-Soliton Solutions. Complexity, 2019, 2019, 1-10.	1.6	24
13	Soliton molecules and the CRE method in the extended mKdV equation. Communications in Theoretical Physics, 2020, 72, 055005.	2.5	23
14	Dâ€™Alembert wave and soliton molecule of the modified Nizhnikâ€“Novikovâ€“Veselov equation. European Physical Journal Plus, 2021, 136, 1.	2.6	23
15	Soliton molecules, nonlocal symmetry and CRE method of the KdV equation with higher-order corrections. Physica Scripta, 2020, 95, 075202.	2.5	21
16	Magnetic lump motion in saturated ferromagnetic films. Physical Review E, 2022, 105, 014205.	2.1	21
17	Solitons on a Periodic Wave Background of the Modified KdV-Sine-Gordon Equation. Communications in Theoretical Physics, 2018, 70, 119.	2.5	20
18	Dynamic behaviors of soliton solutions for a three-coupled Lakshmananâ€“Porsezianâ€“Daniel model. Nonlinear Dynamics, 2022, 107, 2773-2785.	5.2	19

#	ARTICLE	IF	CITATIONS
19	Localized waves of the coupled cubic–quintic nonlinear Schrödinger equations in nonlinear optics. Chinese Physics B, 2017, 26, 120201.	1.4	18
20	Soliton Molecule and Breather-Soliton Molecule Structures for a General Sixth-Order Nonlinear Equation. Chinese Physics Letters, 2021, 38, 080201.	3.3	17
21	Nondegenerate solitons for coupled higher-order nonlinear Schrödinger equations in optical fibers. Physica Scripta, 2021, 96, 095212.	2.5	15
22	Multi-Type Solitons in Spin-Orbit Coupled Spin-1 Bose–Einstein Condensates. Chinese Physics Letters, 2022, 39, 020301.	3.3	13
23	Supersymmetric Ito equation: Bosonization and exact solutions. AIP Advances, 2013, 3, 042129.	1.3	11
24	The contributions of Gilbert-damping and inhomogeneous exchange effects on the electromagnetic short waves propagation in saturated ferrite films. Journal of Magnetism and Magnetic Materials, 2020, 514, 167192.	2.3	11
25	Nonlocal symmetries and new interaction waves of the variable-coefficient modified Korteweg–de Vries equation in fluid-filled elastic tubes. European Physical Journal Plus, 2022, 137, .	2.6	11
26	Spatial solitons in a nonlocal fused coupler. Optics Communications, 2018, 426, 302-307.	2.1	10
27	Symmetry group and exact solutions for the 2+1 dimensional Ablowitz–Kaup–Newell–Segur equation. Journal of Mathematical Physics, 2009, 50, .	1.1	8
28	Nonlocal Symmetry and its Applications in Perturbed mKdV Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 557-564.	1.5	8
29	Lump and Mixed Rogue-Soliton Solutions of the (2+1)-Dimensional Melnikov System. Complexity, 2019, 1-9.	1.6	8
30	N -soliton and rogue wave solutions of (2+1)-dimensional integrable system with Lax pair. International Journal of Modern Physics B, 2019, 33, 1950317.	2.0	8
31	Twisted lump, lumpoff and rogue wave of the (2+1)-dimensional Kaup–Kupershmidt equation. European Physical Journal Plus, 2020, 135, 1.	2.6	8
32	Exact soliton solutions for the interaction of few-cycle-pulse with nonlinear medium. International Journal of Modern Physics B, 2016, 30, 1640013.	2.0	7
33	Symmetry Reduction Related by Nonlocal Symmetry and Explicit Solutions for the Whitham-Broer-Kaup System. Journal of the Korean Physical Society, 2018, 73, 538-546.	0.7	7
34	Abundant soliton solutions of general nonlocal nonlinear Schrödinger system with external field. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 188.	1.5	6
35	Residual symmetries, CRE integrability and interaction solutions of a new (3+1)-dimensional generalized Kadomtsev-Petviashvili equation. Chinese Physics B, 0, , .	1.4	6
36	Propagation of circularly and elliptically polarized few-cycle solitons in a Kerr medium. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 312.	2.1	6

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37	Some New Exact Solutions of (1+2)-Dimensional Sine-Gordon Equation. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-8.	0.7	5
38	Localization of nonlocal symmetries and interaction solutions of the Sawada-Kotera equation. <i>Communications in Theoretical Physics</i> , 2021, 73, 065002.	2.5	5
39	On the Riemann-Hilbert problem for the integrable three-coupled Hirota system with a 4×4 matrix Lax pair. <i>Applied Mathematics and Computation</i> , 2022, 420, 127202.	2.2	5
40	Analytical and numerical solutions of the equation for the beam propagation in a photovoltaic-photorefractive media. <i>Optics Communications</i> , 2013, 298-299, 185-190.	2.1	4
41	Lump, mixed lump-soliton, and periodic lump solutions of a (2+1)-dimensional extended higher-order Broer-Kaup System. <i>Modern Physics Letters B</i> , 2020, 34, 2050384.	1.9	4
42	Lump and new interaction solutions to the (3+1)-dimensional nonlinear evolution equation. <i>Communications in Theoretical Physics</i> , 2020, 72, 125003.	2.5	4
43	Riemann-Hilbert problem associated with the vector Lakshmanan-Porsezian-Daniel model in the birefringent optical fibers. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 11545-11561.	2.3	4
44	OBSERVATION OF PERIODIC, QUASIPERIODIC AND CHAOTIC LOCALIZED EXCITATIONS IN NONLINEAR DIATOMIC MACRO-LATTICE. <i>Modern Physics Letters B</i> , 1996, 10, 11-22.	1.9	3
45	Solitons in photovoltaic photorefractive media with an external electric field. <i>Optics Communications</i> , 2011, 284, 1485-1490.	2.1	3
46	Nonlocal Symmetry Reductions for Bosonized Supersymmetric Burgers Equation. <i>Communications in Theoretical Physics</i> , 2017, 68, 170.	2.5	3
47	Invariant interaction solutions for a supersymmetric mKdV equation. <i>Chinese Journal of Physics</i> , 2018, 56, 2317-2331.	3.9	3
48	Interactions solutions of various-type rogue with multi-stripe solitons and breather lump for the (2+1)-dimensional Maccari's system. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050268.	2.0	3
49	Interaction of localized waves and dynamic behavior in a (3 + 1)-dimensional partial differential equation. <i>Modern Physics Letters B</i> , 2020, 34, 2050215.	1.9	3
50	Cyclotron dynamics of a Bose-Einstein condensate in a quadruple-well potential with synthetic gauge fields. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	3
51	Macro-experimental study from steady soliton to chaotic lattice soliton. <i>Science Bulletin</i> , 1997, 42, 120-123.	1.7	2
52	Painlevé Properties And Exact Solutions Of The Generalized Coupled Kdv Equations. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2005, 60, 313-320.	1.5	2
53	LATTICE BOLTZMANN SIMULATION FOR VARIOUS GEOMETRIES OF SOLID OXIDE FUEL CELLS. <i>Modern Physics Letters B</i> , 2009, 23, 273-276.	1.9	2
54	PHOTOCURRENT ABSORPTION SPECTROSCOPIC STUDY OF Si _{0.6} Ge _{0.4} /Si QUANTUM WELLS. <i>International Journal of Modern Physics B</i> , 2006, 20, 133-140.	2.0	1

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55	LUMPS AND THEIR INTERACTION SOLUTIONS OF A (2+1)-DIMENSIONAL GENERALIZED POTENTIAL KADOMTSEV-PETVIASHVILI EQUATION. Journal of Applied Analysis and Computation, 2020, 10, 935-945.	0.5	1