Ji Lin

List of Publications by Year
in descending order

55 papers	995 citations	430874 18 h-index	477307 29 g-index
56 all docs	56 docs citations	56 times ranked	254 citing authors

#	Article	IF	Citations
1	Magnetic lump motion in saturated ferromagnetic films. Physical Review E, 2022, 105, 014205.	2.1	21
2	Dynamic behaviors of soliton solutions for a three-coupled Lakshmanan–Porsezian–Daniel model. Nonlinear Dynamics, 2022, 107, 2773-2785.	5.2	19
3	Multi-Type Solitons in Spin-Orbit Coupled Spin-1 Bose–Einstein Condensates. Chinese Physics Letters, 2022, 39, 020301.	3.3	13
4	On the Riemann-Hilbert problem for the integrable three-coupled Hirota system with a 4×4 matrix Lax pair. Applied Mathematics and Computation, 2022, 428, 127202.	2.2	5
5	Riemann–Hilbert problem associated with the vector Lakshmanan–Porsezian–Daniel model in the birefringent optical fibers. Mathematical Methods in the Applied Sciences, 2022, 45, 11545-11561.	2.3	4
6	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
7	D'Alembert wave and soliton molecule of the modified Nizhnik–Novikov–Veselov equation. European Physical Journal Plus, 2021, 136, 1.	2.6	23
8	Localization of nonlocal symmetries and interaction solutions of the Sawada–Kotera equation. Communications in Theoretical Physics, 2021, 73, 065002.	2.5	5
9	Cyclotron dynamics of a Bose–Einstein condensate in a quadruple-well potential with synthetic gauge fields. Frontiers of Physics, 2021, 16, 1.	5.0	3
10	Nondegenerate solitons for coupled higher-order nonlinear Schrödinger equations in optical fibers. Physica Scripta, 2021, 96, 095212.	2.5	15
11	Soliton Molecule and Breather-Soliton Molecule Structures for a General Sixth-Order Nonlinear Equation. Chinese Physics Letters, 2021, 38, 080201.	3.3	17
12	Interactions solutions of various-type rogue with multi-stripe solitons and breather lump for the (2+1)-dimensional Maccari's system. International Journal of Modern Physics B, 2020, 34, 2050268.	2.0	3
13	Lump, mixed lump-soliton, and periodic lump solutions of a (2+1)-dimensional extended higher-order Broer–Kaup System. Modern Physics Letters B, 2020, 34, 2050384.	1.9	4
14	Interaction of localized waves and dynamic behavior in a (3 + 1)-dimensional partial differential equation. Modern Physics Letters B, 2020, 34, 2050215.	1.9	3
15	Soliton and breather molecules in few-cycle-pulse optical model. Nonlinear Dynamics, 2020, 100, 3745-3757.	5.2	72
16	Consistent Riccati expansion and rational solutions of the Drinfel'd–Sokolov–Wilson equation. Applied Mathematics Letters, 2020, 105, 106326.	2.7	61
17	Twisted lump, lumpoff and rogue wave of the (2+1)-dimensional Kaup–Kupershmidt equation. European Physical Journal Plus, 2020, 135, 1.	2.6	8
18	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

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19	Rogue wave, interaction solutions to the KMM system. Journal of Magnetism and Magnetic Materials, 2020, 502, 166590.	2.3	65
20	Soliton molecules, nonlocal symmetry and CRE method of the KdV equation with higher-order corrections. Physica Scripta, 2020, 95, 075202.	2.5	21
21	Soliton molecules and the CRE method in the extended mKdV equation. Communications in Theoretical Physics, 2020, 72, 055005.	2.5	23
22	Lump and new interaction solutions to the (3+1)-dimensional nonlinear evolution equation. Communications in Theoretical Physics, 2020, 72, 125003.	2.5	4
23	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
24	A New Nonlinear Equation with Lump-Soliton, Lump-Periodic, and Lump-Periodic-Soliton Solutions. Complexity, 2019, 2019, 1-10.	1.6	24
25	Interaction solutions between lump and stripe soliton to the (2+1)-dimensional Date–Jimbo–Kashiwara–Miwa equation. Nonlinear Dynamics, 2019, 96, 1233-1241.	5.2	44
26	Lump and Mixed Rogue-Soliton Solutions of the (2‰+‰1)-Dimensional Mel'nikov System. Complexity, 2019, 2019, 1-9.	1.6	8
27	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
28	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
29	Solitons on a Periodic Wave Background of the Modified KdV-Sine-Gordon Equation. Communications in Theoretical Physics, 2018, 70, 119.	2.5	20
30	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
31	Spatial solitons in a nonlocal fused coupler. Optics Communications, 2018, 426, 302-307.	2.1	10
32	Invariant interaction solutions for a supersymmetric mKdV equation. Chinese Journal of Physics, 2018, 56, 2317-2331.	3.9	3
33	Rogue Waves in Nonintegrable KdV-Type Systems. Chinese Physics Letters, 2018, 35, 050202.	3.3	38
34	Soliton solutions in nonlocal nonlinear coupler. Nonlinear Dynamics, 2017, 88, 489-501.	5.2	25
35	Nonlocal Symmetry Reductions for Bosonized Supersymmetric Burgers Equation. Communications in Theoretical Physics, 2017, 68, 170.	2.5	3
36	Localized waves of the coupled cubic–quintic nonlinear Schrödinger equations in nonlinear optics. Chinese Physics B, 2017, 26, 120201.	1.4	18

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37	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
38	The $$\varvec{(2+1)}$$ (2 + 1) -dimensional Konopelchenko–Dubrovsky equation: nonlocal symmetries and interaction solutions. Nonlinear Dynamics, 2016, 86, 1855-1862.	5.2	106
39	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
40	Interaction Behaviours Between Soliton and Cnoidal Periodic Waves for the Cubic Generalised Kadomtsev–Petviashvili Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 539-544.	1.5	24
41	Some New Exact Solutions of (1+2)-Dimensional Sine-Gordon Equation. Abstract and Applied Analysis, 2014, 2014, 1-8.	0.7	5
42	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
43	Supersymmetric Ito equation: Bosonization and exact solutions. AIP Advances, 2013, 3, 042129.	1.3	11
44	Analytical and numerical solutions of the equation for the beam propagation in a photovoltaic-photorefractive media. Optics Communications, 2013, 298-299, 185-190.	2.1	4
45	Solitons in nonlocal nonlinear kerr media with exponential response function. Optics Express, 2012, 20, 7469.	3.4	31
46	Solitons in photovoltaic photorefractive media with an external electric field. Optics Communications, 2011, 284, 1485-1490.	2.1	3
47	Symmetry group and exact solutions for the 2+1 dimensional Ablowitz–Kaup–Newell–Segur equation. Journal of Mathematical Physics, 2009, 50, .	1.1	8
48	LATTICE BOLTZMANN SIMULATION FOR VARIOUS GEOMETRIES OF SOLID OXIDE FUEL CELLS. Modern Physics Letters B, 2009, 23, 273-276.	1.9	2
49	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
50	PHOTOCURRENT ABSORPTION SPECTROSCOPIC STUDY OF Si0.6Ge0.4/Si QUANTUM WELLS. International Journal of Modern Physics B, 2006, 20, 133-140.	2.0	1
51	Painlevé Properties And Exact Solutions Of The Generalized Coupled Kdv Equations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2005, 60, 313-320.	1.5	2
52	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
53	Macro-experimental study from steady soliton to chaotic lattice soliton. Science Bulletin, 1997, 42, 120-123.	1.7	2
54	OBSERVATION OF PERIODIC, QUASIPERIODIC AND CHAOTIC LOCALIZED EXCITATIONS IN NONLINEAR DIATOMIC MACRO-LATTICE. Modern Physics Letters B, 1996, 10, 11-22.	1.9	3

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55	Residual symmetries, CRE integrability and interaction solutions of a new (3+1)-dimensional generalized Kadomtsev-Petviashvili equation. Chinese Physics B, 0, , .	1.4	6