Yuan yuqiang

List of Publications by Year
in descending order

29 papers	795 citations	567281 15 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	341 citing authors

#	Article	IF	Citations
1	Vector solitons for the (2 + 1)‐dimensional coupled nonlinear Schrödinger system in the Kerr nonlinear optical fiber. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2021, 101, e202000232.	1.6	0
2	Periodic-wave and semi-rational solutions for the (3+1)-dimensional Yu‐Toda‐Sasa‐Fukuyama equation. Applied Mathematics Letters, 2021, 120, 107207.	2.7	5
3	Rogue waves for a (2+1)-dimensional Gross‐Pitaevskii equation with time-varying trapping potential in the Bose‐Einstein condensate. Computers and Mathematics With Applications, 2020, 79, 1023-1030.	2.7	6
4	Lie group analysis, solitons, self-adjointness and conservation laws of the modified Zakharov-Kuznetsov equation in an electron-positron-ion magnetoplasma. Chaos, Solitons and Fractals, 2020, 134, 109709.	5.1	99
5	Dark‐dark solitons for the coupled spatially modulated Gross‐Pitaevskii system in the Bose‐Einstein condensation. Modern Physics Letters B, 2020, 34, 2050282.	1.9	34
6	Lax pair, binary Darboux transformation and dark solitons for the three-component Gross‐Pitaevskii system in the spinor Bose‐Einstein condensate. Nonlinear Dynamics, 2020, 99, 3001-3011.	5.2	20
7	Periodic-wave and semirational solutions for the (2$$+$$1)-dimensional Davey‐Stewartson equations on the surface water waves of finite depth. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1.	1.4	16
8	Generalized Darboux transformation and the higher-order semirational solutions for a non-linear Schrödinger system in a birefringent fiber. Modern Physics Letters B, 2020, 34, 2150013.	1.9	16
9	Vector semirational rogue waves for a coupled nonlinear Schrödinger system in a birefringent fiber. Applied Mathematics Letters, 2019, 87, 50-56.	2.7	15
10	Symmetry Reductions, Group‐Invariant Solutions, and Conservation Laws of a (2+1)‐Dimensional Nonlinear Schrödinger Equation in a Heisenberg Ferromagnetic Spin Chain. Annalen Der Physik, 2019, 531, 1900198.	2.4	37
11	Bilinear forms and bright-dark solitons for a coupled nonlinear Schrödinger system with variable coefficients in an inhomogeneous optical fiber. Chinese Journal of Physics, 2019, 62, 202-212.	3.9	13
12	Breathers, multi-peak solitons, breather-to-soliton transitions and modulation instability of the variable-coefficient fourth-order nonlinear Schrödinger system for an inhomogeneous optical fiber. Chinese Journal of Physics, 2019, 62, 274-283.	3.9	20
13	Conservation laws, binary Darboux transformations and solitons for a higher-order nonlinear Schrödinger system. Chaos, Solitons and Fractals, 2019, 118, 337-346.	5.1	70
14	Bright and dark N-soliton solutions for the (2 + 1)-dimensional Maccari system. European Physical Journal Plus, 2018, 133, 1.	2.6	10
15	Mixed lump-kink and rogue wave-kink solutions for a (3 + 1) -dimensional B-type Kadomtsev-Petviashvili equation in fluid mechanics. European Physical Journal Plus, 2018, 133, 1.	2.6	85
16	Conservation laws, solitons, breather and rogue waves for the (2+1)-dimensional variable-coefficient Nizhnik‐Novikov‐Veselov system in an inhomogeneous medium. Chinese Journal of Physics, 2018, 56, 645-658.	3.9	10
17	Solitons for the (2 + 1)-dimensional Konopelchenko‐Dubrovsky equations. Journal of Mathematical Analysis and Applications, 2018, 460, 476-486.	1.0	81
18	Semi-rational solutions for a $$(2+1)$$ (2 + 1) -dimensional Davey‐Stewartson system on the surface water waves of finite depth. Nonlinear Dynamics, 2018, 94, 3029-3040.	5.2	17

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19	Semi-rational solutions for the (3+1)-dimensional Kadomtsev–Petviashvili equation in a plasma or fluid. Computers and Mathematics With Applications, 2018, 76, 2566-2574.	2.7	10
20	Dark-bright solitons and semirational rogue waves for the coupled Sasa-Satsuma equations. Physical Review E, 2018, 97, 052217.	2.1	46
21	Rogue waves and solitons of the coherently-coupled nonlinear Schrödinger equations with the positive coherent coupling. Physica Scripta, 2018, 93, 095202.	2.5	59
22	Lumps and rouge waves for a $$(3+1)$$ (3 + 1) -dimensional variable-coefficient Kadomtsev–Petviashvili equation in fluid mechanics. Pramana - Journal of Physics, 2018, 91, 1.	1.8	13
23	Certain bright soliton interactions of the Sasa-Satsuma equation in a monomode optical fiber. Physical Review E, 2017, 95, 032202.	2.1	37
24	Bright-dark and dark-dark solitons for the coupled cubic-quintic nonlinear Schrödinger equations in a twin-core nonlinear optical fiber. Superlattices and Microstructures, 2017, 111, 134-145.	3.1	8
25	Solitons, Lie Group Analysis and Conservation Laws of a (3+1)-Dimensional Modified Zakharov-Kuznetsov Equation in a Multicomponent Magnetised Plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 1159-1171.	1.5	5
26	Vector Dark Solitons for a Coupled Nonlinear Schrödinger System with Variable Coefficients in an Inhomogeneous Optical Fibre. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 779-787.	1.5	11
27	Lax pair and vector solitons for a variable-coefficient coherently-coupled nonlinear Schrödinger system in the nonlinear birefringent optical fiber. Journal of Electromagnetic Waves and Applications, 2017, 31, 1363-1375.	1.6	5
28	Wronskian and Grammian solutions for a $(2+1)$-Date–Jimbo–Kashiwara–Miwa equation. Computers and Mathematics With Applications, 2017, 74, 873-879.	2.7	35
29	Bright-dark solitons for a set of the general coupled nonlinear Schrödinger equations in a birefringent fiber. Europhysics Letters, 2017, 120, 30001.	2.0	12