

# Yuan yuqiang

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Lie group analysis, solitons, self-adjointness and conservation laws of the modified Zakharov-Kuznetsov equation in an electron-positron-ion magnetoplasma. <i>Chaos, Solitons and Fractals</i> , 2020, 134, 109709.	5.1	99
2	Mixed lump-kink and rogue wave-kink solutions for a $(3 + 1)$ -dimensional B-type Kadomtsev-Petviashvili equation in fluid mechanics. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	85
3	Solitons for the $(2 + 1)$ -dimensional Konopelchenko-Dubrovsky equations. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 460, 476-486.	1.0	81
4	Conservation laws, binary Darboux transformations and solitons for a higher-order nonlinear Schrödinger system. <i>Chaos, Solitons and Fractals</i> , 2019, 118, 337-346.	5.1	70
5	Rogue waves and solitons of the coherently-coupled nonlinear Schrödinger equations with the positive coherent coupling. <i>Physica Scripta</i> , 2018, 93, 095202.	2.5	59
6	Dark-bright solitons and semirational rogue waves for the coupled Sasa-Satsuma equations. <i>Physical Review E</i> , 2018, 97, 052217.	2.1	46
7	Certain bright soliton interactions of the Sasa-Satsuma equation in a monomode optical fiber. <i>Physical Review E</i> , 2017, 95, 032202.	2.1	37
8	Symmetry Reductions, Group-Invariant Solutions, and Conservation Laws of a $(2+1)$ -Dimensional Nonlinear Schrödinger Equation in a Heisenberg Ferromagnetic Spin Chain. <i>Annalen Der Physik</i> , 2019, 531, 1900198.	2.4	37
9	Wronskian and Grammian solutions for a $(2+1)$ -dimensional Jimbo-Kashiwara-Miwa equation. <i>Computers and Mathematics With Applications</i> , 2017, 74, 873-879.		
10	Dark-dark solitons for the coupled spatially modulated Gross-Pitaevskii system in the Bose-Einstein condensation. <i>Modern Physics Letters B</i> , 2020, 34, 2050282.	1.9	34
11	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. <i>Chinese Journal of Physics</i> , 2019, 62, 274-283.	3.9	20
12	Lax pair, binary Darboux transformation and dark solitons for the three-component Gross-Pitaevskii system in the spinor Bose-Einstein condensate. <i>Nonlinear Dynamics</i> , 2020, 99, 3001-3011.	5.2	20
13	Semi-rational solutions for a $(2+1)$ -dimensional Davey-Stewartson system on the surface water waves of finite depth. <i>Nonlinear Dynamics</i> , 2018, 94, 3029-3040.	5.2	17
14	Periodic-wave and semirational solutions for the $(2+1)$ -dimensional Davey-Stewartson equations on the surface water waves of finite depth. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2020, 71, 1.	1.4	16
15	Generalized Darboux transformation and the higher-order semirational solutions for a non-linear Schrödinger system in a birefringent fiber. <i>Modern Physics Letters B</i> , 2020, 34, 2150013.	1.9	16
16	Vector semirational rogue waves for a coupled nonlinear Schrödinger system in a birefringent fiber. <i>Applied Mathematics Letters</i> , 2019, 87, 50-56.	2.7	15
17	Lumps and rouge waves for a $(3+1)$ -dimensional variable-coefficient Kadomtsev-Petviashvili equation in fluid mechanics. <i>Pramana - Journal of Physics</i> , 2018, 91, 1.	1.8	13
18	Bilinear forms and bright-dark solitons for a coupled nonlinear Schrödinger system with variable coefficients in an inhomogeneous optical fiber. <i>Chinese Journal of Physics</i> , 2019, 62, 202-212.	3.9	13

#	ARTICLE	IF	CITATIONS
19	Bright-dark solitons for a set of the general coupled nonlinear Schrödinger equations in a birefringent fiber. <i>Europhysics Letters</i> , 2017, 120, 30001.	2.0	12
20	Vector Dark Solitons for a Coupled Nonlinear Schrödinger System with Variable Coefficients in an Inhomogeneous Optical Fibre. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017, 72, 779-787.	1.5	11
21	Bright and dark N-soliton solutions for the (2 + 1)-dimensional Maccari system. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	10
22	Conservation laws, solitons, breather and rogue waves for the (2+1)-dimensional variable-coefficient Nizhnik–Novikov–Veselov system in an inhomogeneous medium. <i>Chinese Journal of Physics</i> , 2018, 56, 645-658.	3.9	10
23	Semi-rational solutions for the (3+1)-dimensional Kadomtsev–Petviashvili equation in a plasma or fluid. <i>Computers and Mathematics With Applications</i> , 2018, 76, 2566-2574.	2.7	10
24	Bright-dark and dark-dark solitons for the coupled cubic-quintic nonlinear Schrödinger equations in a twin-core nonlinear optical fiber. <i>Superlattices and Microstructures</i> , 2017, 111, 134-145.	3.1	8
25	Rogue waves for a (2+1)-dimensional Gross–Pitaevskii equation with time-varying trapping potential in the Bose–Einstein condensate. <i>Computers and Mathematics With Applications</i> , 2020, 79, 1023-1030.	2.7	6
26	Solitons, Lie Group Analysis and Conservation Laws of a (3+1)-Dimensional Modified Zakharov-Kuznetsov Equation in a Multicomponent Magnetised Plasma. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017, 72, 1159-1171.	1.5	5
27	Lax pair and vector solitons for a variable-coefficient coherently-coupled nonlinear Schrödinger system in the nonlinear birefringent optical fiber. <i>Journal of Electromagnetic Waves and Applications</i> , 2017, 31, 1363-1375.	1.6	5
28	Periodic-wave and semi-rational solutions for the (3+1)-dimensional Yu–Toda–Sasa–Fukuyama equation. <i>Applied Mathematics Letters</i> , 2021, 120, 107207.	2.7	5
29	Vector solitons for the (2 + 1)-dimensional coupled nonlinear Schrödinger system in the Kerr nonlinear optical fiber. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021, 101, e202000232.	1.6	0