

Rui Guo

List of Publications by Year in descending order

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24
papers

990
citations

758635

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docs citations

24
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Soliton, breather-like and dark-soliton-breather-like solutions for the coupled long-wave–short-wave system. <i>Nonlinear Dynamics</i> , 2022, 108, 543-554.	2.7	5
2	Soliton solutions for Hirota–Maxwell–Bloch system and its nonlocal form. <i>Modern Physics Letters B</i> , 2022, 36, .	1.0	0
3	Nonlocal continuous Hirota equation: Darboux transformation and symmetry broken and unbroken soliton solutions. <i>Nonlinear Dynamics</i> , 2021, 105, 617-628.	2.7	9
4	Rogue wave solutions and modulation instability for the mixed nonlinear Schrödinger equation. <i>Applied Mathematics Letters</i> , 2021, 121, 107450.	1.5	13
5	Darboux transformation and the exact solutions of the (2+1)-dimensional nonlocal complex modified Korteweg-de Vries and Maxwell–Bloch equations. <i>Modern Physics Letters B</i> , 2020, 34, 2050230.	1.0	2
6	Soliton solutions, conservation laws and modulation instability for the discrete coupled modified Korteweg–de Vries equations. <i>Modern Physics Letters B</i> , 2018, 32, 1850152.	1.0	3
7	Darboux transformation and new soliton solutions for the (2+1)-dimensional complex modified Korteweg–de Vries and Maxwell–Bloch equations. <i>Modern Physics Letters B</i> , 2018, 32, 1850277.	1.0	5
8	Modulation instability, conservation laws and soliton solutions for an inhomogeneous discrete nonlinear Schrödinger equation. <i>Nonlinear Dynamics</i> , 2017, 88, 1615-1622.	2.7	62
9	Breather-to-soliton transitions, nonlinear wave interactions, and modulational instability in a higher-order generalized nonlinear Schrödinger equation. <i>Physical Review E</i> , 2016, 93, 012214.	0.8	169
10	Discrete Hirota equation: discrete Darboux transformation and new discrete soliton solutions. <i>Nonlinear Dynamics</i> , 2016, 84, 1901-1907.	2.7	16
11	A higher-order coupled nonlinear Schrödinger system: solitons, breathers, and rogue wave solutions. <i>Nonlinear Dynamics</i> , 2016, 83, 2475-2484.	2.7	50
12	Effects of loss or gain terms on soliton and breather solutions in a couple fiber system. <i>Nonlinear Dynamics</i> , 2016, 84, 933-941.	2.7	11
13	Coherently coupled solitons, breathers and rogue waves for polarized optical waves in an isotropic medium. <i>Nonlinear Dynamics</i> , 2015, 80, 1221-1230.	2.7	128
14	Modulational instability, higher-order localized wave structures, and nonlinear wave interactions for a nonautonomous Lenells-Fokas equation in inhomogeneous fibers. <i>Chaos</i> , 2015, 25, 063111.	1.0	105
15	Semirational solutions and baseband modulational instability of the AB system in fluid mechanics. <i>European Physical Journal Plus</i> , 2015, 130, 1.	1.2	16
16	Breathers and localized solutions of complex modified Korteweg–de Vries equation. <i>Modern Physics Letters B</i> , 2015, 29, 1550129.	1.0	13
17	Soliton and Breather Solutions for the Mixed Nonlinear Schrödinger Equation via \mathcal{N} -Fold Darboux Transformation. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-7.	0.4	4
18	Modulation Instability, Breathers, and Bound Solitons in an Erbium-Doped Fiber System with Higher-Order Effects. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-13.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Positive Solutions for Impulsive Differential Equations with Mixed Monotonicity and Optimal Control. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-11.	0.3	0
20	Breathers and localized solitons for the Hirotaâ€™Maxwellâ€™Bloch system on constant backgrounds in erbium doped fibers. <i>Annals of Physics</i> , 2014, 344, 10-16.	1.0	108
21	Dynamic behaviors of the breather solutions for the AB system in fluid mechanics. <i>Nonlinear Dynamics</i> , 2013, 74, 701-709.	2.7	146
22	Breathers and multi-soliton solutions for the higher-order generalized nonlinear SchrÃ¶dinger equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013, 18, 2426-2435.	1.7	101
23	BOUND SOLITONS AND BREATHERS FOR THE GENERALIZED COUPLED NONLINEAR SCHRÃ¶DINGERâ€™MAXWELLâ€™BLOCH SYSTEM. <i>Modern Physics Letters B</i> , 2013, 27, 1350130.	1.0	14
24	Soliton-like solutions of the coupled Hirotaâ€™Maxwellâ€™Bloch system in optical fibers with symbolic computation. <i>Physica Scripta</i> , 2009, 79, 065016.	1.2	8