

Guo-Fu Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11058590/publications.pdf>

Version: 2024-02-01

36
papers

379
citations

759233

12
h-index

794594

19
g-index

36
all docs

36
docs citations

36
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Solitons, breathers and rational solutions for a (2+1)-dimensional dispersive long wave system. <i>Physica D: Nonlinear Phenomena</i> , 2022, 432, 133140.	2.8	13
2	Solitons and (semi-)rational solutions for the (2+1)-dimensional Gardner equation. <i>Applied Mathematics Letters</i> , 2022, 128, 107883.	2.7	1
3	Matrix integral solutions to the discrete and coupled Leznov lattice equations. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 500, 125167.	1.0	0
4	Rational solutions of a (2+1)-dimensional sinh-Gordon equation. <i>Applied Mathematics Letters</i> , 2020, 101, 106051.	2.7	8
5	Integrable discretizations and numerical simulation for a modified coupled integrable dispersionless equation. <i>Applied Mathematics and Computation</i> , 2020, 364, 124666.	2.2	0
6	Integrable discretization and numerical simulations of the generalized coupled integrable dispersionless equations. <i>Journal of Difference Equations and Applications</i> , 2019, 25, 408-429.	1.1	2
7	Bright-dark soliton solutions of the multi-component AB system. <i>Wave Motion</i> , 2018, 83, 134-147.	2.0	16
8	Supersymmetry of the Quantum Rotor. , 2018, , 291-305.		0
9	Bright and dark soliton solutions to the AB system and its multi-component generalization. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 47, 178-189.	3.3	25
10	Soliton dynamics to the multi-component complex coupled integrable dispersionless equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016, 40, 28-43.	3.3	13
11	Determinant structure for the (2+1)-dimensional dispersive long wave system. <i>Applied Mathematics Letters</i> , 2016, 62, 76-83.	2.7	9
12	A generalization of the coupled integrable dispersionless equations. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 4025-4034.	2.3	15
13	Dynamics of a coupled modified (1 + 1)-dimensional Toda equation of BKP type. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 328-339.	2.3	0
14	Complex and coupled complex negative order AKNS equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016, 30, 196-206.	3.3	9
15	q -Rotations and Krawtchouk polynomials. <i>Ramanujan Journal</i> , 2016, 40, 335-357.	0.7	5
16	Dynamics of a differential-difference integrable system. <i>Physical Review E</i> , 2015, 91, 062902.	2.1	14
17	On an integrable system related to the relativistic Toda lattice - Bäcklund transformation and integrable discretization. <i>Journal of Difference Equations and Applications</i> , 2015, 21, 403-417.	1.1	6
18	q -Jacobi polynomials. <i>Methods and Applications of Analysis</i> , 2015, 22, 249-258.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Soliton solutions to an integrable coupled differential–difference equation. Applied Mathematics Letters, 2014, 28, 20-24.	2.7	5
20	Pfaffian Solutions and Resonant Interaction Properties of a Coupled BKP Lattice. Communications in Theoretical Physics, 2014, 62, 235-244.	2.5	0
21	Soliton Solutions of a Multi-Component Derivative Coupled Integrable Dispersionless Equations. Journal of the Physical Society of Japan, 2014, 83, 074003.	1.6	11
22	Pfaffian representation of solutions to a coupled $(2\hat{A}+\hat{A}1)$ -dimensional system. Applied Mathematics Letters, 2014, 33, 46-56.	2.7	2
23	On the Discretization of the Coupled Integrable Dispersionless Equations. Journal of Nonlinear Mathematical Physics, 2013, 20, 106.	1.3	19
24	Discrete analogues of the generalized coupled integrable dispersionless equations. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 175205.	2.1	21
25	An integrable semi-discrete equation and combinatorial numbers with their combinatorial interpretations. Journal of Difference Equations and Applications, 2013, 19, 1093-1107.	1.1	3
26	Commutativity of the source generation procedure and integrable semi-discretizations: the two-dimensional Leznov lattice. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 145208.	2.1	1
27	Bäcklund TRANSFORMATION OF A NON-ISOSPECTRAL KPSCS AND ITS NONLINEAR COUPLED SYSTEM. Modern Physics Letters B, 2009, 23, 3581-3595.	1.9	2
28	Integrable semi-discretizations and full-discretization of the two-dimensional Leznov lattice. Journal of Difference Equations and Applications, 2009, 15, 233-252.	1.1	11
29	A vector asymmetrical NNV equation: Soliton solutions, bilinear Bäcklund transformation and Lax pair. Journal of Mathematical Analysis and Applications, 2008, 344, 593-600.	1.0	32
30	Integrable discretizations of the $(2+1)$ -dimensional sinh-Gordon equation. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 12645-12659.	2.1	13
31	On the integrable discrete versions of the Leznov lattice: Determinant solutions and pfaffianization. Journal of Mathematical Analysis and Applications, 2007, 335, 377-388.	1.0	22
32	On the integrable discrete versions of the Leznov lattice: Determinant solutions and pfaffianization. Journal of Mathematical Analysis and Applications, 2007, 335, 377-388.	1.0	3
33	On the nonisospectral Kadomtsev–Petviashvili equation. Journal of Physics A, 2006, 39, 3367-3373.	1.6	15
34	Conservation laws for two $(2+1)$ -dimensional differential–difference systems. Chaos, Solitons and Fractals, 2006, 30, 189-196.	5.1	0
35	Soliton Solutions of Two $(2+1)$ -dimensional Differential-Difference Systems. Journal of the Physical Society of Japan, 2005, 74, 1980-1982.	1.6	2
36	An integrable symmetric $(2+1)$ -dimensional Lotka–Volterra equation and a family of its solutions. Journal of Physics A, 2005, 38, 195-204.	1.6	80