Guo-Fu Yu

List of Publications by Year
in descending order

36	379	759233	794594
papers	citations	12 h-index	19 g-index

36	36	36	141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An integrable symmetric (2+1)-dimensional Lotkaâ€“Volterra equation and a family of its solutions. Journal of Physics A, 2005, 38, 195-204.	1.6	80
2	A vector asymmetrical NNV equation: Soliton solutions, bilinear BÃcklund transformation and Lax pair. Journal of Mathematical Analysis and Applications, 2008, 344, 593-600.	1.0	32
3	Bright and dark soliton solutions to the AB system and its multi-component generalization. Communications in Nonlinear Science and Numerical Simulation, 2017, 47, 178-189.	3.3	25
4	On the <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	1.0	22
5	Discrete analogues of the generalized coupled integrable dispersionless equations. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 175205.	2.1	21
6	On the Discretization of the Coupled Integrable Dispersionless Equations. Journal of Nonlinear Mathematical Physics, 2013, 20, 106.	1.3	19
7	Brightâ€“dark soliton solutions of the multi-component AB system. Wave Motion, 2018, 83, 134-147.	2.0	16
8	On the nonisospectral Kadomtsevâ€“Petviashvili equation. Journal of Physics A, 2006, 39, 3367-3373.	1.6	15
9	A generalization of the coupled integrable dispersionless equations. Mathematical Methods in the Applied Sciences, 2016, 39, 4025-4034.	2.3	15
10	Dynamics of a differential-difference integrable<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mn>2</mml:mn>+1<mml:mo>)</mml:mo></mml:m system. Physical Review E, 2015, 91, 062902.	2.4	14
11	Integrable discretizations of the (2+1)-dimensional sinh-Gordon equation. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 12645-12659.	2.1	13
12	Soliton dynamics to the multi-component complex coupled integrable dispersionless equation. Communications in Nonlinear Science and Numerical Simulation, 2016, 40, 28-43.	3.3	13
13	Solitons, breathers and rational solutions for a (2+1)-dimensional dispersive long wave system. Physica D: Nonlinear Phenomena, 2022, 432, 133140.	2.8	13
14	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
15	Soliton Solutions of a Multi-Component Derivative Coupled Integrable Dispersionless Equations. Journal of the Physical Society of Japan, 2014, 83, 074003.	1.6	11
16	Determinant structure for the (2+1)-dimensional dispersive long wave system. Applied Mathematics Letters, 2016, 62, 76-83.	2.7	9
17	Complex and coupled complex negative order AKNS equation. Communications in Nonlinear Science and Numerical Simulation, 2016, 30, 196-206.	3.3	9
18	Rational solutions of a (2+1)-dimensional sinhâ€“Gordon equation. Applied Mathematics Letters, 2020, 101, 106051.	2.7	8

#	Article	IF	Citations
19	On an integrable system related to the relativistic Toda lattice â€“ BÃcklund transformation and integrable discretization. Journal of Difference Equations and Applications, 2015, 21, 403-417.	1.1	6
20	Soliton solutions to an integrable coupled differentialâ€“difference equation. Applied Mathematics Letters, 2014, 28, 20-24.	2.7	5
21	$$q$$ q -Rotations and Krawtchouk polynomials. Ramanujan Journal, 2016, 40, 335-357.	0.7	5
22	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
23	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
24	Soliton Solutions of Two (2+1)-dimensional Differential-Difference Systems. Journal of the Physical Society of Japan, 2005, 74, 1980-1982.	1.6	2
25	BÃ„CKLUND TRANSFORMATION OF A NON-ISOSPECTRAL KPESCS AND ITS NONLINEAR COUPLED SYSTEM. Modern Physics Letters B, 2009, 23, 3581-3595.	1.9	2
26	Pfaffian representation of solutions to a coupled (2Â+Â1)-dimensional system. Applied Mathematics Letters, 2014, 33, 46-56.	2.7	2
27	Integrable discretization and numerical simulations of the generalized coupled integrable dispersionless equations. Journal of Difference Equations and Applications, 2019, 25, 408-429.	1.1	2
28	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
29	-1 Krallâ€“Jacobi polynomials. Methods and Applications of Analysis, 2015, 22, 249-258.	0.5	1
30	Solitons and (semi-)rational solutions for the (2+1)-dimensional Gardner equation. Applied Mathematics Letters, 2022, 128, 107883.	2.7	1
31	Conservation laws for two (2+1)-dimensional differentialâ€“difference systems. Chaos, Solitons and Fractals, 2006, 30, 189-196.	5.1	0
32	Pfaffian Solutions and Resonant Interaction Properties of a Coupled BKP Lattice. Communications in Theoretical Physics, 2014, 62, 235-244.	2.5	0
33	Dynamics of a coupled modified (1 + 1)â€dimensional Toda equation of BKP type. Mathematical Methods in the Applied Sciences, 2016, 39, 328-339.	2.3	0
34	Integrable discretizations and numerical simulation for a modified coupled integrable dispersionless equation. Applied Mathematics and Computation, 2020, 364, 124666.	2.2	0
35	Matrix integral solutions to the discrete and coupled Leznov lattice equations. Journal of Mathematical Analysis and Applications, 2021, 500, 125167.	1.0	0
36	Supersymmetry of the Quantum Rotor. , 2018, , 291-305.		0