Ruomeng Li

List of Publications by Year in Descending Order

16 papers	176 citations	7 h-index	13 g-index
18 ext. papers	293 ext. citations	2.7 avg, IF	4.5 L-index

#	Paper	IF	Citations
16	A vector Geng–Li model: New nonlinear phenomena and breathers on periodic background waves. *Physica D: Nonlinear Phenomena*, **2022**, 434, 133270	3.3	0
15	A vector super Newell long-wave-short-wave equation and infinite conservation laws. *Partial Differential Equations in Applied Mathematics*, **2021**, 5, 100206	0.8	
14	Darboux transformation and exact solutions for a four-component Fokas–Lenells equation. *Results in Physics*, **2021**, 31, 105027	3.7	1
13	An integrable generalized Korteweg–de Vries equation with pseudo-peakons. *Applied Mathematics Letters*, **2021**, 115, 106942	3.5	1
12	A matrix Yajima–Oikawa long-wave-short-wave resonance equation, Darboux transformations and rogue wave solutions. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 90, 105408	3.7	8
11	Riemann–Hilbert approach and N-soliton solutions for a new two-component Sasa–Satsuma equation. *Nonlinear Dynamics*, **2020**, 101, 597-609	5	10
10	A generalization of the Landau-Lifschitz equation: breathers and rogue waves. *Journal of Nonlinear Mathematical Physics*, **2020**, 27, 279	0.9	3
9	Darboux transformations for a matrix long-wave–short-wave equation and higher-order rational rogue-wave solutions. *Mathematical Methods in the Applied Sciences*, **2020**, 43, 948-967	2.3	4
8	Rogue periodic waves of the sine–Gordon equation. *Applied Mathematics Letters*, **2020**, 102, 106147	3.5	44
7	On a vector long wave-short wave-type model. *Studies in Applied Mathematics*, **2020**, 144, 164-184	2.1	38
6	A Vector General Nonlinear Schrödinger Equation with ((m+n)) Components. *Journal of Nonlinear Science*, **2020**, 30, 991-1013	2.8	37
5	A generalized complex mKdV equation: Darboux transformations and explicit solutions. *Wave Motion*, **2020**, 98, 102639	1.8	7
4	A Five-Component Generalized mKdV Equation and Its Exact Solutions. *Mathematics*, **2020**, 8, 1145	2.3	1
3	On a Vector Modified Yajima–Oikawa Long-Wave–Short-Wave Equation. *Mathematics*, **2019**, 7, 958	2.3	2
2	A new integrable equation with peakons and cuspons and its bi-Hamiltonian structure. *Applied Mathematics Letters*, **2015**, 46, 64-69	3.5	7
1	Darboux transformation of the Drinfeld–Sokolov–Satsuma–Hirota system and exact solutions. *Annals of Physics*, **2015**, 361, 215-225	2.5	13