Nan Liu

List of Publications by Year
in descending order

12 papers	177 citations	1307594 7 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	70 citing authors

#	Article	IF	Citations
1	A Riemann–Hilbert approach for a new type coupled nonlinear Schrödinger equations. Journal of Mathematical Analysis and Applications, 2018, 459, 145-158.	1.0	37
2	Solitons and rogue waves of the quartic nonlinear Schrödinger equation by Riemann–Hilbert approach. Nonlinear Dynamics, 2020, 100, 629-646.	5.2	31
3	Long-time asymptotics for the Sasa–Satsuma equation via nonlinear steepest descent method. Journal of Mathematical Physics, 2019, 60, .	1.1	26
4	Soliton and breather solutions for a fifth-order modified KdV equation with a nonzero background. Applied Mathematics Letters, 2020, 104, 106256.	2.7	19
5	Long-time asymptotic behavior for an extended modified Korteweg-de Vries equation. Communications in Mathematical Sciences, 2019, 17, 1877-1913.	1.0	19
6	Long-time asymptotics for the Hirota equation on the half-line. Nonlinear Analysis: Theory, Methods & Applications, 2018, 174, 118-140.	1.1	18
7	The Gerdjikov–Ivanov–type derivative nonlinear Schrödinger equation: Long‐time dynamics of nonzero boundary conditions. Mathematical Methods in the Applied Sciences, 2019, 42, 4839-4861.	2.3	7
8	Asymptotics of solutions to a fifth-order modified Korteweg–de Vries equation in the quarter plane. Analysis and Applications, 2021, 19, 575-620.	2.2	7
9	Long-time asymptotics for the initial-boundary value problem of coupled Hirota equation on the half-line. Science China Mathematics, 2021, 64, 81-110.	1.7	6
10	The Riemann–Hilbert problem to coupled nonlinear Schrödinger equation: Long-time dynamics on the half-line. Journal of Nonlinear Mathematical Physics, 2019, 26, 483.	1.3	3
11	The multi-soliton and multiple-poles soliton solutions for the six-order nonlinear Schrödinger equation. Nonlinear Dynamics, 2021, 105, 1741-1751.	5.2	3
12	Long-time asymptotic behavior for a fourth-order dispersive nonlinear Schrödinger equation. Journal of Mathematical Analysis and Applications, 2022, 506, 125560.	1.0	1