

Nan Liu

List of Publications by Year in descending order

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12
papers

177
citations

1307594

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1199594

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g-index

12
all docs

12
docs citations

12
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-time asymptotic behavior for a fourth-order dispersive nonlinear Schrödinger equation. Journal of Mathematical Analysis and Applications, 2022, 506, 125560.	1.0	1
2	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
3	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
4	The multi-soliton and multiple-poles soliton solutions for the six-order nonlinear Schrödinger equation. Nonlinear Dynamics, 2021, 105, 1741-1751.	5.2	3
5	Solitons and rogue waves of the quartic nonlinear Schrödinger equation by Riemann-Hilbert approach. Nonlinear Dynamics, 2020, 100, 629-646.	5.2	31
6	Soliton and breather solutions for a fifth-order modified KdV equation with a nonzero background. Applied Mathematics Letters, 2020, 104, 106256.	2.7	19
7	Long-time asymptotics for the Sasa-Satsuma equation via nonlinear steepest descent method. Journal of Mathematical Physics, 2019, 60, .	1.1	26
8	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
9	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
10	Long-time asymptotic behavior for an extended modified Korteweg-de Vries equation. Communications in Mathematical Sciences, 2019, 17, 1877-1913.	1.0	19
11	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
12	Long-time asymptotics for the Hirota equation on the half-line. Nonlinear Analysis: Theory, Methods & Applications, 2018, 174, 118-140.	1.1	18