Sitai Li

List of Publications by Year
in descending order

12 papers	233 citations	1039406 9 h-index	1199166 12 g-index
12 all docs	12 docs citations	12 times ranked	134 citing authors

#	Article	IF	Citations
1	Oscillation structure of localized perturbations in modulationally unstable media. Physical Review E, 2016, 94, 060201.	0.8	41
2	Inverse scattering transform and soliton solutions for square matrix nonlinear Schrödinger equations with non-zero boundary conditions. Physica D: Nonlinear Phenomena, 2018, 368, 22-49.	1.3	37
3	Universal Behavior of Modulationally Unstable Media. SIAM Review, 2018, 60, 888-908.	4.2	35
4	Solitons and rogue waves in spinor Bose-Einstein condensates. Physical Review E, 2018, 97, 022221.	0.8	28
5	Auto-modulation versus breathers in the nonlinear stage of modulational instability. Optics Letters, 2018, 43, 5291.	1.7	25
6	Long-Time Asymptotics for the Focusing Nonlinear Schrödinger Equation with Nonzero Boundary Conditions in the Presence of a Discrete Spectrum. Communications in Mathematical Physics, 2021, 382, 1495-1577.	1.0	16
7	On the degenerate soliton solutions of the focusing nonlinear Schrödinger equation. Journal of Mathematical Physics, 2017, 58, 033507.	0.5	15
8	Soliton interactions and degenerate soliton complexes for the focusing nonlinear Schrödinger equation with nonzero background. European Physical Journal Plus, 2018, 133, 1.	1.2	14
9	Soliton trapping, transmission, and wake in modulationally unstable media. Physical Review E, 2018, 98, .	0.8	13
10	Inverse scattering transform for two-level systems with nonzero background. Journal of Mathematical Physics, 2019, 60, .	0.5	4
11	Resonant optical pulses on a continuous-wave background in two-level active media. Europhysics Letters, 2018, 121, 20001.	0.7	3
12	Recurrence due to periodic multisoliton fission in the defocusing nonlinear Schrödinger equation. Physical Review E, 2017, 96, 052213.	0.8	2