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The Physics of the one-dimensional nonlinear Schrödinger equation in fiber optics: Rogue waves, modulation instability and self-focusing phenomena

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#	Paper	IF	Citations
44	Temporal Fresnel diffraction induced by phase jumps in linear and nonlinear optical fibres. <i>Results in Physics</i> , 2020 , 19, 103344	3.7	2
43	Ghost Interaction of Breathers. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	0
42	Akhmediev breather signatures from dispersive propagation of a periodically phase-modulated continuous wave. <i>Wave Motion</i> , 2020 , 95, 102545	1.8	10
41	Local Emergence of Peregrine Solitons: Experiments and Theory. <i>Frontiers in Physics</i> , 2021 , 8,	3.9	1
40	Instability of Double-Periodic Waves in the Nonlinear Schrödinger Equation. <i>Frontiers in Physics</i> , 2021 , 9,	3.9	4
39	Extreme rogue wave generation from narrowband partially coherent waves. <i>Physical Review E</i> , 2021 , 103, 032209	2.4	3
38	Rogue waves on the double-periodic background in Hirota equation. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	6
37	Nearly integrable turbulence and rogue waves in disordered nonlinear Schrödinger systems. <i>Physical Review E</i> , 2021 , 103, 062203	2.4	4
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34	Observation of modulation instability and rogue breathers on stationary periodic waves. <i>Physical Review Research</i> , 2020 , 2,	3.9	12
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27	Optical soliton and modulation instability in the high birefringence fiber. <i>Nonlinear Dynamics</i> , 1	5	0
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