Anastasiia Sheveleva

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Idealized four-wave mixing dynamics in a nonlinear Schrödinger equation fiber system. Optica, 2022, 9, 656.	9.3	11
2	Temporal Fresnel diffraction induced by phase jumps in linear and nonlinear optical fibres. Results in Physics, 2020, 19, 103344.	4.1	7
3	Nonlinear Compression of Besselon Waves for High Repetition-Rate Subpicosecond Pulse Trains. IEEE Photonics Technology Letters, 2020, 32, 1493-1496.	2.5	7
4	Ultrashort pulse generation from binary temporal phase modulation. Microwave and Optical Technology Letters, 2021, 63, 1616-1622.	1.4	5
5	Temporal optical besselon waves for high-repetition rate picosecond sources. JPhys Photonics, 2021, 3, 025001.	4.6	2
6	The temporal analogue of diffractive couplers. Results in Optics, 2021, 3, 100059.	2.0	1
7	Temporal analogue of the Fresnel diffraction by a phase plate in linear and nonlinear optical fibers. , 2021, , .		1
8	Nonlinear temporal Fresnel diffraction induced by phase jumps in fiber optics. EPJ Web of Conferences, 2020, 238, 11009.	0.3	0
9	All-fibered high-quality 28-CHz to 112 GHz pulse sources based on nonlinear compression of optical temporal besselons. , 2021, , .		0
10	Temporal Arago spot in nonlinear optical fibers. , 2020, , .		0
11	All-fibered high-quality low duty-cycle 40-GHz picosecond pulse source based on nonlinear compression of besselons. , 2020, , .		0
12	All-fibered high-quality 40-GHz to 200 GHz pulse sources based on nonlinear compression of besselons. EPJ Web of Conferences, 2020, 238, 11007.	0.3	0