

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. <i>Optica</i> , 2022, 9, 656. | 4.8 | 11 |
| 2 | Temporal Fresnel diffraction induced by phase jumps in linear and nonlinear optical fibres. <i>Results in Physics</i> , 2020, 19, 103344. | 2.0 | 7 |
| 3 | Nonlinear Compression of Besselon Waves for High Repetition-Rate Subpicosecond Pulse Trains. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 1493-1496. | 1.3 | 7 |
| 4 | Ultrashort pulse generation from binary temporal phase modulation. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 1616-1622. | 0.9 | 5 |
| 5 | Temporal optical besselon waves for high-repetition rate picosecond sources. <i>JPhys Photonics</i> , 2021, 3, 025001. | 2.2 | 2 |
| 6 | The temporal analogue of diffractive couplers. <i>Results in Optics</i> , 2021, 3, 100059. | 0.9 | 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. <i>EPJ Web of Conferences</i> , 2020, 238, 11009. | 0.1 | 0 |
| 9 | All-fibered high-quality 28-GHz 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. <i>EPJ Web of Conferences</i> , 2020, 238, 11007. | 0.1 | 0 |