

Kay Schaarschmidt

List of Publications by Year in descending order

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papers

159
citations

1307594

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1125743

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all docs

17
docs citations

17
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Taming Ultrafast Laser Filaments for Optimized Semiconductor Metal Welding. Laser and Photonics Reviews, 2021, 15, 2000433.	8.7	31
2	Tailoring modulation instabilities and four-wave mixing in dispersion-managed composite liquid-core fibers. Optics Express, 2020, 28, 3097.	3.4	20
3	Higher-order mode supercontinuum generation in dispersion-engineered liquid-core fibers. Scientific Reports, 2021, 11, 5270.	3.3	18
4	Long-term stable supercontinuum generation and watt-level transmission in liquid-core optical fibers. Optics Letters, 2019, 44, 2236.	3.3	17
5	Tailoring soliton fission at telecom wavelengths using composite-liquid-core fibers. Optics Letters, 2020, 45, 2985.	3.3	13
6	Attenuation coefficients of selected organic and inorganic solvents in the mid-infrared spectral domain. Optical Materials Express, 2022, 12, 1754.	3.0	12
7	Tunable multi-wavelength third-harmonic generation using exposed-core microstructured optical fiber. Optics Letters, 2019, 44, 626.	3.3	9
8	Numerical and Experimental Demonstration of Intermodal Dispersive Wave Generation. Laser and Photonics Reviews, 2021, 15, 2100125.	8.7	8
9	Bending losses and modal properties of nano-bore optical fibers. Optics Letters, 2018, 43, 4192.	3.3	7
10	Resonance-Induced Dispersion Tuning for Tailoring Nonsolitonic Radiation via Nanofilms in Exposed Core Fibers. Laser and Photonics Reviews, 2020, 14, 1900418.	8.7	6
11	Essentials of resonance-enhanced soliton-based supercontinuum generation. Optics Express, 2020, 28, 2557.	3.4	6
12	Ultrafast intermodal third harmonic generation in a liquid core step-index fiber filled with C_2Cl_4 . Optics Express, 2020, 28, 25037.	3.4	6
13	Third-harmonic generation with tailored modes in liquid core fibers with geometric birefringence. Optics Letters, 2020, 45, 6859.	3.3	4
14	Understanding Nonlinear Pulse Propagation in Liquid Strand-Based Photonic Bandgap Fibers. Crystals, 2021, 11, 305.	2.2	2
15	Third Harmonic Generation with Ultrashort Pulses in a C_2Cl_4 Filled Liquid Core Fiber. , 2019, , .		0
16	Ultrafast intermodal third harmonic generation in a liquid core step-index fiber filled with C_2Cl_4 : erratum. Optics Express, 2021, 29, 1890.	3.4	0
17	Engineering Photon Pair Generation in Microstructured Liquid-Core Fibers. , 2020, , .		0