Alexandre Kudlinski

List of Publications by Year
in descending order

267 papers	4,429 citations	101535 36 h-index	144002 57 g-index
268 all docs	268 docs citations	268 times ranked	2591 citing authors

#	Article	IF	Citations
1	Zero-dispersion wavelength decreasing photonic crystal fibers for ultraviolet-extended supercontinuum generation. Optics Express, 2006, 14, 5715.	3.4	230
2	Roadmap on optical rogue waves and extreme events. Journal of Optics (United Kingdom), 2016, 18, 063001.	2.2	225
3	Real-time full bandwidth measurement of spectral noise in supercontinuum generation. Scientific Reports, 2012, 2, 882.	3.3	137
4	Observation of extreme temporal events in CW-pumped supercontinuum. Optics Express, 2009, 17, 17010.	3.4	134
5	Fibre multi-wave mixing combs reveal the broken symmetry of Fermiâ€“Pastaâ€“Ulam recurrence. Nature Photonics, 2018, 12, 303-308.	31.4	126
6	High-resolution multimodal flexible coherent Raman endoscope. Light: Science and Applications, 2018, 7, 10.	16.6	116
7	Development of a real-time flexible multiphoton microendoscope for label-free imaging in a live animal. Scientific Reports, 2015, 5, 18303.	3.3	107
8	Third-order dispersion for generating optical rogue solitons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 691-695.	2.1	106
9	Real time noise and wavelength correlations in octave-spanning supercontinuum generation. Optics Express, 2013, 21, 18452.	3.4	87
10	All-fiber tunable optical delay line. Optics Express, 2010, 18, 3093.	3.4	78
11	Experimental demonstration of modulation instability in an optical fiber with a periodic dispersion landscape. Optics Letters, 2012, 37, 4832.	3.3	72
12	Visible cw-pumped supercontinuum. Optics Letters, 2008, 33, 2407.	3.3	70
13	White-light cw-pumped supercontinuum generation in highly GeO_2-doped-core photonic crystal fibers. Optics Letters, 2009, 34, 3631.	3.3	65
14	Fast and accurate modeling of nonlinear pulse propagation in graded-index multimode fibers. Optics Letters, 2017, 42, 4004.	3.3	62
15	Competing Turing and Faraday Instabilities in Longitudinally Modulated Passive Resonators. Physical Review Letters, 2016, 116, 143901.	7.8	61
16	Experimental signature of optical wave thermalization through supercontinuum generation in photonic crystal fiber. Optics Express, 2009, 17, 7392.	3.4	60
17	Dispersive Dam-Break Flow of a Photon Fluid. Physical Review Letters, 2017, 118, 254101.	7.8	60
18	Modeling of the Ï‡^(2) susceptibility time-evolution in thermally poled fused silica. Optics Express, 2005, 13, 8015.	3.4	56

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19	Second-harmonic generation of thermally poled chalcogenide glass. Optics Express, 2005, 13, 789.	3.4	55
20	Parametric excitation of multiple resonant radiations from localized wavepackets. Scientific Reports, 2015, 5, 9433.	3.3	55
21	Chalcogenide Glasses Based on Germanium Disulfide for Second Harmonic Generation. Advanced Functional Materials, 2007, 17, 3284-3294.	14.9	54
22	Dispersion-Engineered Photonic Crystal Fibers for CW-Pumped Supercontinuum Sources. Journal of Lightwave Technology, 2009, 27, 1556-1564.	4.6	53
23	Control of pulse-to-pulse fluctuations in visible supercontinuum. Optics Express, 2010, 18, 27445.	3.4	50
24	Modulational instability in dispersion oscillating fiber ring cavities. Optics Letters, 2014, 39, 4200.	3.3	48
25	Modulation instability in dispersion oscillating fibers. Advances in Optics and Photonics, 2018, 10, 1.	25.5	47
26	Dynamics of the modulation instability spectrum in optical fibers with oscillating dispersion. Physical Review A, 2013, 87, .	2.5	45
27	Control of supercontinuum generation and soliton self-frequency shift in solid-core photonic bandgap fibers. Optics Letters, 2009, 34, 3083.	3.3	43
28	Doubly periodic solutions of the focusing nonlinear SchrÃ¶dinger equation: Recurrence, period doubling, and amplification outside the conventional modulation-instability band. Physical Review A, 2020, 101, .	2.5	43
29	Experimental demonstration of optical parametric chirped pulse amplification in optical fiber. Optics Letters, 2010, 35, 1786.	3.3	42
30	High-gain fiber, optical-parametric, chirped-pulse amplification of femtosecond pulses at 1 Î¼m. Optics Letters, 2010, 35, 3480.	3.3	42
31	Bouncing of a dispersive wave in a solitonic cage. Optics Letters, 2015, 40, 3320.	3.3	40
32	Symmetry-breaking dynamics of the modulational instability spectrum. Optics Letters, 2011, 36, 1359.	3.3	39
33	Complete characterization of the nonlinear spatial distribution induced in poled silica glass with a submicron resolution. Applied Physics Letters, 2003, 83, 3623-3625.	3.3	38
34	Dynamics of cascaded resonant radiations in a dispersion-varying optical fiber. Optica, 2014, 1, 243.	9.3	37
35	Fermi-Pasta-Ulam Recurrence in Nonlinear Fiber Optics: The Role of Reversible and Irreversible Losses. Physical Review X, 2014, 4, .	8.9	37
36	High second-order nonlinear susceptibility induced in chalcogenide glasses by thermal poling. Optics Express, 2006, 14, 1524.	3.4	36

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37	Optical event horizons from the collision of a soliton and its own dispersive wave. Physical Review A, 2015, 92, .	2.5	36
38	â€œExtraordinaryâ€•modulation instability in optics and hydrodynamics. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	36
39	Shock wave generation triggered by a weak background in optical fibers. Optics Letters, 2016, 41, 2656.	3.3	34
40	Impact of the third-order dispersion on the modulation instability gain of pulsed signals. Optics Letters, 2010, 35, 1194.	3.3	33
41	Efficient blue conversion from a 1064 nm microchip laser in long photonic crystal fiber tapers for fluorescence microscopy. Optics Express, 2010, 18, 16640.	3.4	32
42	Simultaneous scalar and cross-phase modulation instabilities in highly birefringent photonic crystal fiber. Optics Express, 2013, 21, 8437.	3.4	32
43	Time evolution of second-order nonlinear profiles induced within thermally poled silica samples. Optics Letters, 2005, 30, 1039.	3.3	31
44	Broadband fiber-optical parametric amplification for ultrafast time-stretch imaging at 10â€‰â€‰Î¼m. Optics Letters, 2014, 39, 5989.	3.3	31
45	Emergence of spectral incoherent solitons through supercontinuum generation in a photonic crystal fiber. Physical Review E, 2011, 84, 066605.	2.1	30
46	20 THz-bandwidth continuous-wave fiber optical parametric amplifier operating at 1 Âµm using a dispersion-stabilized photonic crystal fiber. Optics Express, 2012, 20, 28906.	3.4	30
47	Fourth-order dispersion mediated modulation instability in dispersion oscillating fibers. Optics Letters, 2013, 38, 3464.	3.3	30
48	Crystalline phase responsible for the permanent second-harmonic generation in chalcogenide glass-ceramics. Optical Materials, 2007, 30, 338-345.	3.6	29
49	Microstructured fiber source of photon pairs at widely separated wavelengths. Optics Letters, 2010, 35, 499.	3.3	28
50	Geometric parametric instability in periodically modulated graded-index multimode fibers. Physical Review A, 2018, 97, .	2.5	28
51	Zero-potential condition in thermally poled silica samples: evidence of a negative electric field outside the depletion layer. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 598.	2.1	26
52	Parametric amplification and wavelength conversion in the 1040â€“1090 nm band by use of a photonic crystal fiber. Applied Physics Letters, 2009, 94, 111104.	3.3	26
53	Optimal frequency conversion in the nonlinear stage of modulation instability. Optics Express, 2015, 23, 30861.	3.4	26
54	Transient radiation-induced effects on solid core microstructured optical fibers. Optics Express, 2011, 19, 21760.	3.4	25

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55	Experimental dynamics of Akhmediev breathers in a dispersion varying optical fiber. Optics Letters, 2014, 39, 4490.	3.3	25
56	Heteroclinic Structure of Parametric Resonance in the Nonlinear SchrÃ¶dinger Equation. Physical Review Letters, 2016, 117, 013901.	7.8	25
57	Optical analogue of the dynamical Casimir effect in a dispersion-oscillating fibre. Communications Physics, 2019, 2, .	5.3	25
58	Dynamics of fiber optical parametric chirped pulse amplifiers. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2848.	2.1	24
59	Parametric instabilities in modulated fiber ring cavities. Optics Letters, 2016, 41, 5027.	3.3	24
60	Long wavelength extension of CW-pumped supercontinuum through soliton-dispersive wave interactions. Optics Express, 2010, 18, 24729.	3.4	23
61	Experimental investigation of combined four-wave mixing and Raman effect in the normal dispersion regime of a photonic crystal fiber. Optics Letters, 2008, 33, 2488.	3.3	22
62	19.5â€…W CW-pumped supercontinuum source from 0.65 to 1.38â€…[micro sign]m. Electronics Letters, 2009, 45, 29.	1.0	22
63	Extreme deceleration of the soliton self-frequency shift by the third-order dispersion in solid-core photonic bandgap fibers. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2328.	2.1	22
64	Enhanced soliton self-frequency shift and CW supercontinuum generation in GeO_2-doped core photonic crystal fibers. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1152.	2.1	22
65	12 THz flat gain fiber optical parametric amplifiers with dispersion varying fibers. Optics Express, 2015, 23, 10103.	3.4	22
66	Photonic crystal fiber mapping using Brillouin echoes distributed sensing. Optics Express, 2010, 18, 20136.	3.4	21
67	Correlation between multiple modulation instability side lobes in dispersion oscillating fiber. Optics Letters, 2014, 39, 1881.	3.3	21
68	Observation of the stepwise blue shift of a dispersive wave preceding its trapping by a soliton. Optics Express, 2015, 23, 16595.	3.4	21
69	Emission of dispersive waves from a train of dark solitons in optical fibers. Optics Letters, 2016, 41, 2454.	3.3	21
70	Full-field characterization of breather dynamics over the whole length of an optical fiber. Optics Letters, 2019, 44, 763.	3.3	21
71	Experimental characterization of recurrences and separatrix crossing in modulational instability. Optics Letters, 2019, 44, 5426.	3.3	21
72	Black-light continuum generation in a silica-core photonic crystal fiber. Optics Letters, 2012, 37, 130.	3.3	19

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73	Modulation instability in amplitude modulated dispersion oscillating fibers. Optics Express, 2015, 23, 3869.	3.4	19
74	Observation of four Fermi-Pasta-Ulam-Tsingou recurrences in an ultra-low-loss optical fiber. Optics Express, 2020, 28, 17773.	3.4	19
75	Overview on Solid Core Photonic BandGap Fibers. Fiber and Integrated Optics, 2009, 28, 27-50.	2.5	18
76	Phosphorus-Doped Photonic Crystal Fibers for High-Power (36 W) Visible CW Supercontinuum. IEEE Photonics Journal, 2011, 3, 815-820.	2.0	18
77	Widely tunable polarization maintaining photonic crystal fiber based parametric wavelength conversion. Optics Express, 2013, 21, 15826.	3.4	18
78	Control of the soliton self-frequency shift dynamics using topographic optical fibers. Optics Letters, 2013, 38, 3390.	3.3	18
79	Emission of multiple dispersive waves from a single Raman-shifting soliton in an axially-varying optical fiber. Optics Express, 2014, 22, 25673.	3.4	17
80	Solitonization of a dispersive wave. Optics Letters, 2016, 41, 1412.	3.3	17
81	Double clad tubular anti-resonant hollow core fiber for nonlinear microendoscopy. Optics Express, 2020, 28, 15062.	3.4	17
82	Near-surface modification of the third-order nonlinear susceptibility in thermally poled Infrasilâ„¢ glasses. Applied Physics Letters, 2005, 86, 181106.	3.3	16
83	Demonstration of an All-Fiber Broadband Optical Parametric Amplifier at 1 mum. Journal of Lightwave Technology, 2010, 28, 2173-2178.	4.6	16
84	Observation of doubly periodic solutions of the nonlinear SchrÃ¶dinger equation in optical fibers. Optics Letters, 2020, 45, 3757.	3.3	16
85	Spectral and fluorescence lifetime endoscopic system using a double-clad photonic crystal fiber. Optics Letters, 2016, 41, 5214.	3.3	15
86	Widely Tunable Parametric Amplification and Pulse Train Generation by Heating a Photonic Crystal Fiber. IEEE Journal of Quantum Electronics, 2011, 47, 1514-1518.	1.9	14
87	Efficiency of four-wave mixing between orthogonally polarized linear waves and solitons in a birefringent fiber. Physical Review A, 2016, 94, .	2.5	14
88	Dynamics of Turing and Faraday instabilities in a longitudinally modulated fiber-ring cavity. Optics Letters, 2017, 42, 435.	3.3	14
89	Real-Time Characterization of Period-Doubling Dynamics in Uniform and Dispersion Oscillating Fiber Ring Cavities. Physical Review X, 2019, 9, .	8.9	14
90	Stability of electron-beam poling in N or Ge-doped H:SiO2 films. Applied Physics Letters, 2006, 88, 241919.	3.3	13

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91	Experimental demonstration of multiwatt continuous-wave supercontinuum tailoring in photonic crystal fibers. Applied Physics Letters, 2008, 92, 141103.	3.3	13
92	Third-order dispersion drastically changes parametric gain in optical fiber systems. Physical Review A, 2011, 83, .	2.5	13
93	Synchronously pumped photonic crystal fiber-based optical parametric oscillator. Optics Letters, 2012, 37, 3156.	3.3	13
94	Characterization of fiber ultrashort pulse delivery for nonlinear endomicroscopy. Optics Express, 2016, 24, 12515.	3.4	13
95	Spectral wings of the fiber supercontinuum and the dark-bright soliton interaction. Optics Express, 2017, 25, 10494.	3.4	13
96	Two-dimensional nonlinear modes and frequency combs in bottle microresonators. Optics Letters, 2018, 43, 2680.	3.3	13
97	Modulation instability in the weak normal dispersion region of passive fiber ring cavities. Optics Letters, 2017, 42, 3730.	3.3	13
98	Dynamics of the second-order nonlinearity induced in Suprasil glass thermally poled with continuous and alternating fields. Journal of Applied Physics, 2008, 103, .	2.5	12
99	Significant reduction of power fluctuations at the long-wavelength edge of a supercontinuum generated in solid-core photonic bandgap fibers. Optics Express, 2010, 18, 24352.	3.4	12
100	SBS Mitigation in a Microstructured Optical Fiber by Periodically Varying the Core Diameter. IEEE Photonics Technology Letters, 2012, 24, 667-669.	2.5	12
101	Amplification of ultra-short optical pulses in a two-pump fiber optical parametric chirped pulse amplifier. Optics Express, 2013, 21, 12197.	3.4	12
102	High-energy dissipative soliton-driven fiber optical parametric oscillator emitting at 1.7 Âµm. Laser Physics Letters, 2018, 15, 115103.	1.4	12
103	The Impact of Compressed Femtosecond Laser Pulse Durations on Neuronal Tissue Used for Two-Photon Excitation Through an Endoscope. Scientific Reports, 2018, 8, 11124.	3.3	12
104	Multiple QPM Resonant Radiations Induced by MI in Dispersion Oscillating Fibers. IEEE Photonics Technology Letters, 2016, 28, 740-743.	2.5	11
105	Surface Brillouin scattering in photonic crystal fibers. Optics Letters, 2016, 41, 3269.	3.3	11
106	Modulation instability in the weak dispersion regime of a dispersion modulated passive fiber-ring cavity. Optics Express, 2017, 25, 11283.	3.4	11
107	Grayness-dependent emission of dispersive waves from dark solitons in optical fibers. Optics Letters, 2018, 43, 1511.	3.3	11
108	Heterodyne Optical Time Domain Reflectometer Combined With Active Loss Compensation: A Practical Tool for Investigating Fermi Pasta Ulam Recurrence Process and Breathers Dynamics in Optical Fibers. Frontiers in Physics, 2021, 9, .	2.1	11

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109	Time evolution of the second-order nonlinear distribution of poled Infrasil samples during annealing experiments. Optics Express, 2006, 14, 12984.	3.4	10
110	Conservation of the photon number in the generalized nonlinear SchrÃ¶dinger equation in axially varying optical fibers. Physical Review A, 2011, 84, .	2.5	10
111	Longitudinal soliton tunneling in optical fiber. Optics Letters, 2017, 42, 2350.	3.3	10
112	Stabilization of the second-order susceptibility induced in a sulfide chalcogenide glass by thermal poling. Journal of Applied Physics, 2007, 101, 084905.	2.5	9
113	Simple Method for Measuring the Zero-Dispersion Wavelength in Optical Fibers. IEEE Photonics Technology Letters, 2011, 23, 609-611.	2.5	9
114	Benefits of Photonic Bandgap Fibers for the Thermal Stabilization of Optoelectronic Oscillators. IEEE Photonics Journal, 2012, 4, 789-794.	2.0	9
115	Modulational instability in dispersion-kicked optical fibers. Physical Review A, 2015, 92, .	2.5	9
116	Cross-phase-modulation-instability band gap in a birefringence-engineered photonic-crystal fiber. Physical Review A, 2016, 93, .	2.5	9
117	Towards two-photon excited endogenous fluorescence lifetime imaging microendoscopy. Biomedical Optics Express, 2018, 9, 142.	2.9	9
118	A readily usable twoâ€photon fluorescence lifetime microendoscope. Journal of Biophotonics, 2019, 12, e201800276.	2.3	9
119	Method to improve thermal poling efficiency in silica glasses. Electronics Letters, 2002, 38, 570.	1.0	8
120	Evidence of second-order nonlinear susceptibility sign reversal in thermally poled samples. Applied Physics Letters, 2003, 83, 3242-3244.	3.3	8
121	Electron-beam poling in undoped, N- or Ge-doped MDECR H:SiO2 films. Applied Physics A: Materials Science and Processing, 2005, 81, 1213-1219.	2.3	8
122	Room temperature aging of the Ï‡(2) susceptibility induced in silica glasses by thermal poling. Applied Physics Letters, 2005, 86, 161909.	3.3	8
123	Highly-nonlinear photonic crystal fibre with high figure of merit around 1â€…[micro sign]m. Electronics Letters, 2012, 48, 232.	1.0	8
124	Loaded dice. Nature Photonics, 2012, 6, 415-416.	31.4	8
125	Optimization of continuous-wave supercontinuum generation. Optical Fiber Technology, 2012, 18, 322-326.	2.7	8
126	The piston Riemann problem in a photon superfluid. Nature Communications, 2022, 13, .	12.8	8

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127	CW Supercontinuum Generation in Photonic Crystal Fibres with Two Zero-Dispersion Wavelengths. AIP Conference Proceedings, 2008, , .	0.4	7
128	Soliton annihilation into a polychromatic dispersive wave. Optics Letters, 2015, 40, 2142.	3.3	7
129	Multimode Brillouin spectrum in a long tapered birefringent photonic crystal fiber. Optics Letters, 2015, 40, 4281.	3.3	7
130	Instabilities in passive dispersion oscillating fiber ring cavities. European Physical Journal D, 2017, 71, 1.	1.3	7
131	Origin and suppression of parasitic signals in KagomÃ© lattice hollow core fibers used for SRS microscopy and endoscopy. Optics Letters, 2017, 42, 1824.	3.3	7
132	Collision between a dark soliton and a linear wave in an optical fiber. Optics Express, 2018, 26, 23480.	3.4	7
133	Label-free highly multimodal nonlinear endoscope. Optics Express, 2022, 30, 25020.	3.4	7
134	Optical Parametric Chirped Pulse Amplification in an Optical Fiber. Optics and Photonics News, 2010, 21, 34.	0.5	6
135	Temperature Dependence of the Zero Dispersion Wavelength in a Photonic Crystal Fiber. IEEE Photonics Technology Letters, 2012, 24, 431-433.	2.5	6
136	Fiber-based ultrashort pulse delivery for nonlinear imaging using high-energy solitons. Journal of Biomedical Optics, 2014, 19, 086021.	2.6	6
137	Convective Instabilities and Optical Rogue Waves in Fibers with CW Pumping. , 2009, , .		5
138	Discrete focusing in an optical fiber with a two-dimensional square array of coupled waveguides. Optics Letters, 2009, 34, 2536.	3.3	5
139	110â€‰â€‰nm versatile fiber optical parametric amplifier at 10â€‰â€‰Î¼m. Optics Letters, 2015, 40, 4090.	3.3	5
140	Origins of spectral broadening of incoherent waves: Catastrophic process of coherence degradation. Physical Review A, 2017, 96, .	2.5	5
141	Low Noise High-Energy Dissipative Soliton Erbium Fiber Laser for Fiber Optical Parametric Oscillator Pumping. Applied Sciences (Switzerland), 2018, 8, 2161.	2.5	5
142	Measurement of depletion region width in poled silica. Applied Optics, 2005, 44, 5793.	2.1	4
143	Simultaneous control of the wavelength and duration of Raman-shifting solitons using topographic photonic crystal fibers. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 2146.	2.1	4
144	Origin of spontaneous wave mixing processes in multimode GRIN fibers. Optics Express, 2021, 29, 30822.	3.4	4

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145	Electron beam poling in amorphous Ge-doped H:SiO2 films. Journal of Non-Crystalline Solids, 2008, 354, 472-475.	3.1	3
146	Active reduction of fluctuations in fourth-order modulation instability. Optics Letters, 2012, 37, 4305.	3.3	3
147	Continuousâ€wave dualâ€pump fibre optical parametric amplifier around 1 Âµm. Electronics Letters, 2014, 50, 107-108.	1.0	3
148	Modulational instability in optical fibers with randomly kicked normal dispersion. Physical Review A, 2021, 103, .	2.5	3
149	Experimental investigation of short pulse Raman amplification with backward pumping. Optics Letters, 2021, 46, 5019.	3.3	3
150	Solid-Core Photonic Bandgap Fiber for the Generation of Tunable High-Energy Solitons. , 2013, , .		3
151	Phase-sensitive seeded modulation instability in passive fiber resonators. Communications Physics, 2022, 5, .	5.3	3
152	Extended blue side of flat supercontinuum generation in PCFs with a CW Yb fiber laser. , 2008, , .		2
153	Distributed measurement of modulation instability along optical fibers. , 2010, , .		2
154	Multicore fiber for cold-atomic cloud monitoring. Optics Express, 2011, 19, 22936.	3.4	2
155	Partition of the instantaneous and delayed nonlinear responses for the propagation of ultrashort solitons in optical fibers. Physical Review A, 2012, 85, .	2.5	2
156	Manipulating the Propagation of Solitons with Solid-Core Photonic Bandgap Fibers. International Journal of Optics, 2012, 2012, 1-12.	1.4	2
157	A two-stage photonic crystal fiber / silicon photonic wire short-wave infrared wavelength converter/amplifier based on a 1064 nm pump source. Optics Express, 2015, 23, 13025.	3.4	2
158	Experimental observation of surface acoustic wave Brillouin scattering in a small-core photonic crystal fiber. , 2016, , .		2
159	Single-frequency Raman fiber amplifier emitting 11 Î¼j 150 W peak-power at 1645 nm for remote methane sensing applications. , 2016, , .		2
160	Suppression of SBS in a photonic crystal fiber with periodically-varied core diameter. , 2011, , .		2
161	Nonlinear phase added by a Raman fiber amplifier to a single-frequency seed laser. , 2016, , .		2
162	Stochastic modulational instability in the nonlinear SchrÃ¶dinger equation with colored random dispersion. Physical Review A, 2022, 105, .	2.5	2

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163	Multi-watt supercontinuum generation from 0.3 to 2.4 μm in PCF tapers. , 2007, , .		1
164	Influence of electrode composition on the second-order nonlinearity profile in thermally poled silica glass. Optics Letters, 2007, 32, 1773.	3.3	1
165	Multi-watt supercontinuum generation from 0.3 to 2.4 μm in PCF tapers. , 2007, , .		1
166	Effect of inhomogeneities on backward and forward Brillouin scattering in photonic crystal fibers. Proceedings of SPIE, 2010, , .	0.8	1
167	White-light continuous-wave supercontinuum source. , 2010, , .		1
168	Experimental observation of Brillouin linewidth broadening and decay time in photonic crystal fiber. , 2010, , .		1
169	Simple method for measuring the zero-dispersion wavelength in optical fibers. , 2011, , .		1
170	Symmetry-breaking dynamics of the modulational instability spectrum. , 2011, , .		1
171	Demonstration of Modulation Instability Assisted by a Periodic Dispersion Landscape in an Optical Fiber. , 2012, , .		1
172	All-fiber optical parametric amplifier for life-science application. , 2014, , .		1
173	Experimental Realization of Riemann Problem in Nonlinear Fiber Optics. , 2019, , .		1
174	Non-invasive distributed characterization in phase and intensity of the nonlinear stage of modulation instability. , 2018, , .		1
175	Taper topography control of instabilities and rogue waves in supercontinuum fibers. , 2011, , .		1
176	Modulational instability and pulse generation in dispersion oscillating fiber ring cavities. , 2014, , .		1
177	Thermal poling with alternating voltage: a way to increase the second order nonlinearity. , 2003, 4943, 176.		0
178	Second-harmonic generation improvement in sulfide glasses. , 2005, 5949, 202.		0
179	Comparative determinations of the /spl chi//sup (2)/ spatial distribution induced in thermally poled silica planar samples. IEEE Photonics Technology Letters, 2006, 18, 1049-1051.	2.5	0
180	Supercontinuum generation in solid-core photonic bandgap fibers. , 2009, , .		0

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181	Polarization maintaining square lattice multicore fiber. , 2009, , .		0
182	Thermodynamic approach of supercontinuum generation. , 2009, , .		0
183	Are optical rogue waves giant solitons?. , 2009, , .		0
184	Thermodynamic approach of statistical nonlinear optics. , 2009, , .		0
185	CW-pumped Supercontinuum Generation in Dispersion-Tailored Photonic Crystal Fibers. , 2009, , .		0
186	Demonstration of Parametric Amplification at 1Âµm by use of a Microstructured Optical Fiber. , 2009, , .		0
187	Enhanced soliton self-frequency shift and white-light CW supercontinuum generation in germanosilicate-core PCFs. , 2010, , .		0
188	All-fiber optical parametric amplifier at 1 μm using a microstructured fiber. , 2010, , .		0
189	Chirped pulse amplification in a fiber optical parametric amplifier. Proceedings of SPIE, 2010, , .	0.8	0
190	First Experimental Demonstration of Optical Parametric Chirped Pulse Amplification in an Optical Fiber. , 2010, , .		0
191	Observation of brillouin linewidth broadening and decay time in photonic crystal fiber. , 2010, , .		0
192	High gain fiber optical parametric chirped pulse amplification of femtosecond pulses at 1 µm. , 2011, , .		0
193	Non-Solitonic Extension of Supercontinua. , 2011, , .		0
194	Control of supercontinuum pulse-to-pulse fluctuations by fiber tapering. , 2011, , .		0
195	Supercontinuum pulse-to-pulse fluctuations in a photonic bandgap fiber. , 2011, , .		0
196	Opto-acoustic coupling and Brillouin phenomena in microstructure optical fibers. , 2012, , .		0
197	Recent advances in the design of photonic bandgap and hybrid fibers: from LMA to HNL fibers. Proceedings of SPIE, 2012, , .	0.8	0
198	Supercontinuum generation in the black light region by pumping at 355 nm a silica photonic crystal fiber. Proceedings of SPIE, 2012, , .	0.8	0

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199	Real time spectra and wavelength correlation maps: New insights into octave-spanning supercontinuum generation and rogue waves. , 2013, , .		0
200	Spontaneous generation of spectral incoherent solitons through supercontinuum generation. , 2013, , .		0
201	Modulational instability phase-matched by higher-order dispersion terms in dispersion-oscillating optical fibers. , 2013, , .		0
202	Dispersive time stretching measurements of real-time spectra and statistics for supercontinuum generation around 1550 nm. , 2013, , .		0
203	Appearances and disappearances of Fermi Pasta Ulam recurrence in nonlinear fiber optics. , 2013, , .		0
204	Stabilizing optical rogue waves with fiber topography. , 2013, , .		0
205	Double-seed stabilization of a continuum generated from fourth-order modulation instability. , 2013, , .		0
206	Compact and broadly tunable near-visible parametric wavelength converter based on polarization-maintaining photonic-crystal fiber. , 2013, , .		0
207	Amplification of ultrashort optical pulses in a two-pump fiber optical parametric chirped pulse amplifier. , 2013, , .		0
208	Multimode Brillouin scattering in a long tapered birefringent photonic crystal fiber. , 2015, , .		0
209	Enhanced structural sensitivity of hybrid-mode acoustic phonons in axially-varying photonic crystal fiber. Optics Express, 2015, 23, 23329.	3.4	0
210	Interactions between solitons and dispersive waves in photonic crystal fibers. , 2016, , .		0
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