

Guy Millot

List of Publications by Year in descending order

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348
papers

10,066
citations

41627

51
h-index

53065

89
g-index

352
all docs

352
docs citations

352
times ranked

3924
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental measurements of the transfer function of a nonlinear optical loop mirror. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 427.	0.9	0
2	Weak Langmuir turbulence in disordered multimode optical fibers. Physical Review A, 2022, 105, .	1.0	1
3	Design and fabrication of dispersion controlled highly nonlinear fibers for far-detuned four-wave mixing frequency conversion. Optics Express, 2022, 30, 8550.	1.7	3
4	Isotope ratio dual-comb spectrometer. Physical Review Research, 2022, 4, .	1.3	5
5	Isotopic Ratio Measurements With Mid-Infrared Electro-Optic Dual-Comb Spectrometer. , 2021, , .		0
6	Optimum design of NOLM-driven mode-locked fiber lasers. Optics Letters, 2021, 46, 1289.	1.7	14
7	Condensation of optical waves in multimode fibers: observation and thermodynamic characterization. , 2021, , .		0
8	Spatiotemporal beam self-cleaning for high-resolution nonlinear fluorescence imaging with multimode fiber. Scientific Reports, 2021, 11, 18240.	1.6	19
9	Spatial Beam Evolution in Nonlinear Multimode Fibers. , 2021, , .		0
10	3D time-domain beam mapping for studying nonlinear dynamics in multimode optical fibers. Optics Letters, 2021, 46, 66.	1.7	24
11	Electro-optic Frequency Combs for Spectroscopic Applications. , 2021, , .		0
12	Coherent combining of self-cleaned multimode beams. Scientific Reports, 2020, 10, 20481.	1.6	11
13	Classical Rayleigh-Jeans Condensation of Light Waves: Observation and Thermodynamic Characterization. Physical Review Letters, 2020, 125, 244101.	2.9	51
14	Spatial Beam Self-Cleaning in Second-Harmonic Generation. Scientific Reports, 2020, 10, 7204.	1.6	7
15	Electro-optic frequency combs. Advances in Optics and Photonics, 2020, 12, 223.	12.1	162
16	Highly efficient few-mode spatial beam self-cleaning at 1.5 μ m. Optics Express, 2020, 28, 14333.	1.7	24
17	Multiple spatial and wavelength conversion operations based on a frequency-degenerated intermodal four-wave mixing process in a graded-index 6-LP few-mode fiber. Applied Optics, 2020, 59, 5497.	0.9	1
18	Condensation of optical waves in multimode fibers. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Experimental Evidence of the Real Multimode Nature of Geometric Parametric Instability. , 2020, , .		0
20	Light condensation in multimode fibers. , 2020, , .		0
21	Spatio-Temporal Beam Mapping for Studying Nonlinear Dynamics in Graded Index Multimode Fiber. , 2020, , .		2
22	Multidimensional Shaping of Spatiotemporal Waves in Multimode Nonlinear Fibers. , 2019, , .		0
23	Spatial Kerr Beam Self-Cleaning in Yb-Doped Multimode Fiber Taper. , 2019, , .		0
24	Vectorial dispersive shock waves in optical fibers. Communications Physics, 2019, 2, .	2.0	15
25	Adaptive Kerr-Assisted Transverse Mode Selection in Multimode Fibers. , 2019, , .		0
26	Spatial beam self-cleaning in multimode lanthanum aluminum silicate glass fiber. Optical Fiber Technology, 2019, 53, 102014.	1.4	3
27	Dramatic Acceleration of Wave Condensation Mediated by Disorder in Multimode Fibers. Physical Review Letters, 2019, 122, 123902.	2.9	53
28	Turbulence-Induced Rogue Waves in Kerr Resonators. Physical Review X, 2019, 9, .	2.8	21
29	Nonlinear optics in multimode fibers. , 2019, , .		0
30	Wave condensation with weak disorder versus beam self-cleaning in multimode fibers. Physical Review A, 2019, 100, .	1.0	22
31	Disorder-Induced Acceleration of Condensation in Multimode Fibers. , 2019, , .		0
32	Multimode nonlinear fiber optics, a spatiotemporal avenue. APL Photonics, 2019, 4, .	3.0	142
33	Silicon Waveguides for High-Speed Optical Transmissions and Parametric Conversion Around 2 μm . IEEE Photonics Technology Letters, 2019, 31, 165-168.	1.3	14
34	Supercontinuum generation by intermodal four-wave mixing in a step-index few-mode fibre. APL Photonics, 2019, 4, .	3.0	35
35	Si-rich Si nitride waveguides for optical transmissions and toward wavelength conversion around 2 μm . Applied Optics, 2019, 58, 5165.	0.9	6
36	Multimode fiber beam self-cleaning in the anomalous dispersion regime. , 2019, , .		2

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37	Refractive index profile tailoring of multimode optical fibers for the spatial and spectral shaping of parametric sidebands. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1117.	0.9	6
38	Wavefront shaping for optimized many-mode Kerr beam self-cleaning in graded-index multimode fiber. Optics Express, 2019, 27, 17311.	1.7	37
39	Spatial beam self-cleaning and supercontinuum generation with Yb-doped multimode graded-index fiber taper based on accelerating self-imaging and dissipative landscape. Optics Express, 2019, 27, 24018.	1.7	44
40	Nonlinear polarization dynamics of Kerr beam self-cleaning in a graded-index multimode optical fiber. Optics Letters, 2019, 44, 171.	1.7	29
41	Electro-optic dual-comb spectrometer in the thulium amplification band for gas sensing applications. Optics Letters, 2019, 44, 4335.	1.7	7
42	Intense stimulated Raman scattering in CO ₂ -filled hollow-core fibers. Optics Letters, 2019, 44, 5318.	1.7	14
43	Kerr beam self-cleaning on the LP ₁₁ mode in graded-index multimode fibers. OSA Continuum, 2019, 2, 1089.	1.8	45
44	Nonlinear Waves in Multimode Fibers. , 2019, , 317-371.		0
45	Spatial and Spectral Nonlinear Beam Control with Active Multimode Graded Index Fiber Taper. , 2019, , .		0
46	Disorder-induced acceleration of thermalization in multimode optical fibers. , 2019, , .		0
47	Spatiotemporal light-beam compression from nonlinear mode coupling. Physical Review A, 2018, 97, .	1.0	49
48	Observation of a group of dark rogue waves in a telecommunication optical fiber. Physical Review A, 2018, 97, .	1.0	75
49	Selective generation of Kerr combs induced by asymmetrically phase-detuned dual pumping of a fiber ring cavity. Optics Letters, 2018, 43, 4449.	1.7	5
50	Two-micron all-fibered dual-comb spectrometer based on electro-optic modulators and wavelength conversion. Communications Physics, 2018, 1, .	2.0	27
51	Seeded intermodal four-wave mixing in a highly multimode fiber. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 295.	0.9	27
52	Interplay of Kerr and Raman beam cleaning with a multimode microstructure fiber. Optics Letters, 2018, 43, 587.	1.7	29
53	2 ¼m Dual-Comb Generation by Modulation Instability for Spectroscopic Applications. , 2018, , .		0
54	Nonlinear polarization dynamics of Kerr beam self-cleaning in a GRIN multimode optical fiber. , 2018, , .		0

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55	Kerr Beam Self-Cleaning in Multimode Fibers. , 2018, , .		0
56	Two octave supercontinuum generation by cascaded intermodal four-wave mixing in a step-index few-mode fiber. , 2018, , .		0
57	Spatiotemporal pulse shaping with multimode nonlinear guided waves. , 2018, , .		0
58	Intermodal Modulation Instability and Four-Wave Mixing in Graded-Index Few-Mode Fibers. , 2018, , .		0
59	Nonlinear Waves in Multimode Fibers. , 2018, , 1-55.		1
60	Nonlinear dynamics in multimode optical fibers. , 2018, , .		2
61	Modal attraction on low order modes by Kerr effect in a graded refractive index multimode fiber. , 2018, , .		0
62	Supercontinuum generation by cascaded intermodal Raman and FWM processes in step-index few-mode fibers. , 2018, , .		0
63	Spatial beam cleaning in quadratic nonlinear medium. , 2018, , .		0
64	Spatiotemporal beam shaping in nonlinear multimode fibers. , 2018, , .		0
65	Catastrophic process of coherence degradation. , 2018, , .		0
66	Dual-Comb Spectroscopy around 2 μm Based on Intensity Modulators and Parametric Conversion. , 2018, , .		0
67	Fermi-Pasta-Ulam recurrences of incoherent waves. , 2018, , .		0
68	Supercontinuum generation and intermodal four-wave mixing in a step-index few-mode fibre. , 2018, , .		0
69	Spatial beam self-cleaning in multimode fibres. Nature Photonics, 2017, 11, 237-241.	15.6	381
70	Incoherent Fermi-Pasta-Ulam Recurrences and Unconstrained Thermalization Mediated by Strong Phase Correlations. Physical Review X, 2017, 7, .	2.8	24
71	Optical Wave Turbulence in Fibers. , 2017, , 351-394.		0
72	Origins of spectral broadening of incoherent waves: Catastrophic process of coherence degradation. Physical Review A, 2017, 96, .	1.0	5

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73	Mid-infrared dual-comb spectroscopy with electro-optic modulators. Light: Science and Applications, 2017, 6, e17076-e17076.	7.7	150
74	Spatio-temporal beam dynamics in multimode nonlinear optical fibers. , 2017, , .		0
75	Second harmonic generation and beam cleaning in optically poled multimode graded-index fibers. , 2017, , .		0
76	Second harmonic generation in multimode graded-index fibers: spatial beam cleaning and multiple harmonic sideband generation. Optics Letters, 2017, 42, 971.	1.7	32
77	Far-detuned cascaded intermodal four-wave mixing in a multimode fiber. Optics Letters, 2017, 42, 1293.	1.7	59
78	Kerr self-cleaning of pulsed beam in an ytterbium doped multimode fiber. Optics Express, 2017, 25, 4783.	1.7	79
79	Nonlinear beam self-cleaning in a coupled cavity composite laser based on multimode fiber. Optics Express, 2017, 25, 22219.	1.7	45
80	Intermodal modulational instability in graded-index multimode optical fibers. Optics Letters, 2017, 42, 3419.	1.7	33
81	Nonlinear spatial self-cleaning in multimode amplifying fiber and fiber laser cavity. , 2017, , .		0
82	Cascaded intermodal four-wave mixing in a few-mode fiber. , 2017, , .		0
83	Bichromatically pumped nonlinear fiber ring cavity. , 2017, , .		0
84	Spectral broadening of picosecond pulses forming dispersive shock waves in optical fibers. Optics Letters, 2017, 42, 3044.	1.7	23
85	Coherent and incoherent seeding of dissipative modulation instability in a nonlinear fiber ring cavity. Optics Letters, 2017, 42, 251.	1.7	12
86	Nonlinear dynamics of spatio-temporal waves in multimode fibres. , 2017, , .		0
87	Spatiotemporal characterization of supercontinuum extending from the visible to the mid-infrared in a multimode graded-index optical fiber. Optics Letters, 2016, 41, 5785.	1.7	107
88	Optical Dark Rogue Wave. Scientific Reports, 2016, 6, 20785.	1.6	113
89	Experiments on Breathers in Nonlinear Fibre Optics. Lecture Notes in Physics, 2016, , 89-115.	0.3	3
90	Observation of Geometric Parametric Instability Induced by the Periodic Spatial Self-Imaging of Multimode Waves. Physical Review Letters, 2016, 116, 183901.	2.9	205

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91	Spatial and spectral nonlinear shaping of multimode waves. , 2016, , .		0
92	Frequency-agile dual-comb spectroscopy. Nature Photonics, 2016, 10, 27-30.	15.6	295
93	Mid-Infrared Frequency-Agile Dual-Comb Spectroscopy with Doppler-Limited Resolution. , 2016, , .		1
94	Multiple four-wave mixing and Kerr combs in a bichromatically pumped nonlinear fiber ring cavity. Optics Letters, 2016, 41, 5462.	1.7	19
95	Doppler-limited Frequency-agile Dual-comb Spectroscopy around 3 μm . , 2016, , .		0
96	Mid-infrared and near-infrared dual-comb spectroscopy with electro-optic modulators. , 2016, , .		0
97	Optical Fibers Enter a New Space-Time Era. , 2016, , .		0
98	Polarization modulation instability in a Manakov fiber system. Physical Review A, 2015, 92, .	1.0	61
99	Turbulent dynamics of an incoherently pumped passive optical fiber cavity: Quasisolitons, dispersive waves, and extreme events. Physical Review A, 2015, 91, .	1.0	28
100	The nonlinear Schrödinger equation and the propagation of weakly nonlinear waves in optical fibers and on the water surface. Annals of Physics, 2015, 361, 490-500.	1.0	75
101	Nonlinear virtues of multimode fibre. Nature Photonics, 2015, 9, 289-291.	15.6	69
102	Optical Frequency Combs of Multi-GHz Line-spacing for Real-time Multi-heterodyne Spectroscopy. , 2015, , .		3
103	All-Optical Polarization Control for Telecom Applications. , 2015, , .		1
104	Temporal and Spectral Nonlinear Pulse Shaping Methods in Optical Fibers. Springer Series in Optical Sciences, 2015, , 105-128.	0.5	3
105	Nonlinear Polarization Manipulation in Optical Fibers. , 2015, , .		0
106	Dual-Comb Spectroscopy With Frequency-Agile Lasers. , 2015, , .		0
107	A universal all-fiber Omnipolarizer. , 2014, , .		1
108	Manakov Polarization Modulation Instability in Normal Dispersion Optical Fiber. , 2014, , .		1

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109	Line of polarization attraction in highly birefringent optical fibers. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 572.	0.9	11
110	Nonlinear polarization effects in optical fibers: polarization attraction and modulation instability [Invited]. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2754.	0.9	41
111	Observation of Optical Undular Bores in Multiple Four-Wave Mixing. Physical Review X, 2014, 4, .	2.8	49
112	Observation of Manakov polarization modulation instability in the normal dispersion regime of randomly birefringent telecom optical fiber. , 2014, , .		1
113	Optical wave turbulence: Towards a unified nonequilibrium thermodynamic formulation of statistical nonlinear optics. Physics Reports, 2014, 542, 1-132.	10.3	208
114	Two-stage linear-nonlinear shaping of an optical frequency comb as rogue nonlinear-Schrödinger-equation-solution generator. Physical Review A, 2014, 89, .	1.0	47
115	Temporal dynamics of incoherent nonlinear waves. , 2014, , .		0
116	Flaticon pulses in optical fibers. , 2014, , .		0
117	Spontaneous generation of spectral incoherent solitons through supercontinuum generation. , 2013, , .		0
118	Shallow water rogue wavetrains in nonlinear optical fibers. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 932-939.	0.9	29
119	Truncated thermalization of incoherent optical waves through supercontinuum generation in photonic crystal fibers. Physical Review A, 2013, 87, .	1.0	14
120	Collision of Akhmediev Breathers in Nonlinear Fiber Optics. Physical Review X, 2013, 3, .	2.8	70
121	Experimental generation of optical flaticon pulses. Optics Letters, 2013, 38, 3899.	1.7	26
122	Even harmonic pulse train generation by cross-polarization-modulation seeded instability in optical fibers. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 99.	0.9	18
123	Cross-phase modulational instability induced by Raman scattering in highly birefringent fiber. Optics Letters, 2013, 38, 5327.	1.7	6
124	All-optical regeneration of polarization of a 40ÂGbit/s return-to-zero telecommunication signal [Invited]. Photonics Research, 2013, 1, 115.	3.4	3
125	Shallow water rogue waves in nonlinear optical fibers. , 2013, , .		0
126	A universal all-fiber Omnipolarizer. , 2013, , .		0

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127	A universal all-fiber Omnipolarizer. , 2013, , .		0
128	Direct temporal reconstruction of picosecond pulse by cross-correlation in semiconductor device. Electronics Letters, 2012, 48, 778.	0.5	1
129	A universal optical all-fiber omnipolarizer. Scientific Reports, 2012, 2, 938.	1.6	59
130	Control of signal coherence in parametric frequency mixing with incoherent pumps: narrowband mid-infrared light generation by downconversion of broadband amplified spontaneous emission source at 1550Ånm. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 3128.	0.9	12
131	Random walks and random numbers from supercontinuum generation. Optics Express, 2012, 20, 11143.	1.7	17
132	Thermodynamic approach of supercontinuum generation. Optical Fiber Technology, 2012, 18, 257-267.	1.4	6
133	Nonlinear spectral shaping and optical rogue events in fiber-based systems. Optical Fiber Technology, 2012, 18, 248-256.	1.4	14
134	Grating Couplers for Fiber-to-Fiber Characterizations of Stand-Alone Dielectric Loaded Surface Plasmon Waveguide Components. Journal of Lightwave Technology, 2012, 30, 3118-3125.	2.7	14
135	Observation of Kuznetsov-Ma soliton dynamics in optical fibre. Scientific Reports, 2012, 2, 463.	1.6	345
136	Light-by-Light Polarization Control of 10-Gb/s RZ and NRZ Telecommunication Signals. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 621-628.	1.9	11
137	Noise-like pulses generated at high harmonics in a partially-mode-locked km-long Raman fiber laser. Applied Physics B: Lasers and Optics, 2012, 106, 283-287.	1.1	48
138	Kuznetsov-Ma Soliton Dynamics in Nonlinear Fiber Optics. , 2012, , .		1
139	Spontaneous Generation of Spectral Incoherent Solitons through Supercontinuum Generation. , 2012, , .		0
140	All-optical nonlinear simultaneous polarization and intensity regeneration of a 40-Gb/s telecommunication signal. , 2012, , .		0
141	Optical rogue waves and localized structures in nonlinear fiber optics. , 2011, , .		0
142	Emergence of spectral incoherent solitons through supercontinuum generation in a photonic crystal fiber. Physical Review E, 2011, 84, 066605.	0.8	30
143	Nonlinear repolarization dynamics in optical fibers: transient polarization attraction. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1782.	0.9	33
144	All-optical nonlinear processing of both polarization state and intensity profile for 40 Gbit/s regeneration applications. Optics Express, 2011, 19, 17158.	1.7	36

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145	Peregrine soliton generation and breakup in standard telecommunications fiber. Optics Letters, 2011, 36, 112.	1.7	121
146	Spectral dynamics of modulation instability described using Akhmediev breather theory. Optics Letters, 2011, 36, 2140.	1.7	92
147	The Peregrine Soliton Observed At Last. Optics and Photonics News, 2011, 22, 30.	0.4	23
148	Rediscovered dynamics of nonlinear fiber optics: from breathers to extreme localisation. , 2011, , .		0
149	Analytical studies of modulation instability and nonlinear compression dynamics in optical fiber propagation. Proceedings of SPIE, 2011, , .	0.8	2
150	Peregrine soliton in optical fiber-based systems. , 2011, , .		1
151	Active Mamyshev regenerator. Optical Review, 2011, 18, 257-263.	1.2	9
152	Optical peregrine soliton generation in standard telecommunication fibers. , 2011, , .		1
153	Optimization and characterization of a femtosecond tunable light source based on the soliton self-frequency shift in photonic crystal fiber. Proceedings of SPIE, 2011, , .	0.8	7
154	All-optical simultaneous polarization attraction and intensity regeneration of a 40-Gbit/s RZ signal. , 2011, , .		0
155	Optical Rogue Waves: Physics and Impact. , 2011, , .		0
156	Extreme events in optics: Challenges of the MANUREVA project. European Physical Journal: Special Topics, 2010, 185, 125-133.	1.2	29
157	Multiple four-wave mixing in optical fibers: 1.5â€“3.4-THz femtosecond pulse sources and real-time monitoring of a 20-GHz picosecond source. Optics Communications, 2010, 283, 2425-2429.	1.0	32
158	Selection of Extreme Events Generated in Raman Fiber Amplifiers Through Spectral Offset Filtering. IEEE Journal of Quantum Electronics, 2010, 46, 205-213.	1.0	30
159	The Peregrine soliton in nonlinear fibre optics. Nature Physics, 2010, 6, 790-795.	6.5	1,166
160	All-optical control and stabilization of the polarization state of a 10-Gbit/s RZ telecommunication signal. , 2010, , .		1
161	Extreme statistics in Raman fiber amplifiers: From experiments to analytical description. , 2010, , .		1
162	Group birefringence cancellation in highly birefringent photonic crystal fibre at telecommunication wavelengths. Electronics Letters, 2010, 46, 525.	0.5	8

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163	Observation of light-by-light polarization control and stabilization in optical fibre for telecommunication applications. Optics Express, 2010, 18, 15311.	1.7	75
164	Light-by-light polarization control for telecommunication applications. , 2010, , .		1
165	Optical CDMA enhanced by nonlinear optics. , 2010, , .		0
166	Extreme statistics in Raman fiber amplifiers: influence of pump depletion and dispersion. , 2010, , .		0
167	Soliton generation and rogue-wave like behavior through fourth order modulation instability. , 2010, , .		0
168	Spectral incoherent solitons. , 2009, , .		0
169	Thermodynamic approach of supercontinuum generation. , 2009, , .		0
170	Emergence of extreme events in fibre-based parametric processes driven by a partially incoherent pump wave. , 2009, , .		0
171	Thermodynamic approach of statistical nonlinear optics. , 2009, , .		0
172	Design of a continuously tunable delay line using vectorial modulational instability and chromatic dispersion in optical fibers. Optics Communications, 2009, 282, 1016-1019.	1.0	1
173	Generation and detection of optical rogue-wave-like fluctuations in fiber Raman amplifiers. , 2009, , .		0
174	Emergence of extreme events in fiber-based parametric processes driven by a partially incoherent pump wave. Optics Letters, 2009, 34, 1138.	1.7	54
175	Experimental signature of optical wave thermalization through supercontinuum generation in photonic crystal fiber. Optics Express, 2009, 17, 7392.	1.7	60
176	Experimental evidence of Brillouin-induced polarization wheeling in highly birefringent optical fibers. Optics Express, 2009, 17, 12612.	1.7	17
177	Generation of parabolic pulses and applications for optical telecommunications. , 2009, , .		0
178	Parabolic pulse generation and applications. , 2009, , .		1
179	New concepts based on nonlinear polarization effects and Raman amplification in optical fibers. , 2009, , .		1
180	On recent progress in all-fibered pulsed optical sources from 20 GHz to 2 THz based on multiple four wave mixing approach. , 2009, , .		0

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181	Extreme events in fiber based amplifiers. , 2009, , .		0
182	Soliton Generation and Rogue-Wave-Like Behavior Through Fourth-Order Scalar Modulation Instability. IEEE Photonics Journal, 2009, 1, 205-212.	1.0	24
183	Optical Parabolic Pulse Generation and Applications. IEEE Journal of Quantum Electronics, 2009, 45, 1482-1489.	1.0	89
184	Parabolic Pulse Formation and Applications. , 2009, , .		0
185	Thermodynamic Approach of Supercontinuum Generation in Photonic Crystal Fiber. , 2009, , .		0
186	All-fibered high-quality low duty-cycle 160-GHz femtosecond pulse source. Laser Physics Letters, 2008, 5, 817-820.	0.6	28
187	All-optical measurements of background, amplitude, and timing jitters for high speed pulse trains or PRBS sequences using autocorrelation function. Optical Fiber Technology, 2008, 14, 84-91.	1.4	16
188	Spectral Incoherent Solitons: A Localized Soliton Behavior in the Frequency Domain. Physical Review Letters, 2008, 101, 093901.	2.9	63
189	Polarization attraction using counter-propagating waves in optical fiber at telecommunication wavelengths. Optics Express, 2008, 16, 6646.	1.7	72
190	Experimental investigation of Brillouin and Raman scattering in a 2SG sulfide glass microstructured chalcogenide fiber. Optics Express, 2008, 16, 9398.	1.7	23
191	Optical rogue-wave-like extreme value fluctuations in fiber Raman amplifiers. Optics Express, 2008, 16, 16467.	1.7	125
192	Parabolic Pulse Amplifiers. Fiber and Integrated Optics, 2008, 27, 505-515.	1.7	2
193	Experimental generation of extreme-value optical rogue-wave structures in fibre Raman amplifiers. , 2008, , .		0
194	Spectral Slicing of a Supercontinuum Source for WDM/DS-OCDMA Application. , 2008, , .		5
195	Soliton self-frequency shift in suspended core fibers. , 2008, , .		0
196	Real-time measurement of long parabolic optical similaritons. Electronics Letters, 2008, 44, 1239.	0.5	12
197	Second zero dispersion wavelength measurement through soliton self-frequency shift compensation in suspended core fibre. Electronics Letters, 2008, 44, 1370.	0.5	4
198	Experimental investigation of a polarization attractor at telecommunication wavelengths. , 2008, , .		0

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199	<title>Experiment and theory of tunable broadband parametric gain in a photonic crystal fiber</title> . , 2007, , .		0
200	All-fibered high-quality low-duty cycle 20-GHz picosecond pulse source. , 2007, , .		0
201	Generation from continuous waves of frequency combs with large overall bandwidth and tunable central wavelength. Electronics Letters, 2007, 43, 886.	0.5	6
202	Broad-spectrum frequency comb generation from two continuous waves. , 2007, , .		0
203	Parabolic pulse generation with active or passive dispersion decreasing optical fibers. Optics Express, 2007, 15, 15824.	1.7	100
204	All-Optical Reshaping Based on a Passive Saturable Absorber Microcavity Device for Future 160-Gb/s Applications. IEEE Photonics Technology Letters, 2007, 19, 245-247.	1.3	12
205	All-Fibered High-Quality Low Duty-Cycle 20-GHz and 40-GHz Picosecond Pulse Sources. IEEE Photonics Technology Letters, 2007, 19, 1711-1713.	1.3	35
206	Cascadability and reshaping properties of a saturable absorber inserted inside a RZ transmission line for future 160-Gbit/s all-optical 2R-regenerators. Optics Communications, 2007, 279, 364-369.	1.0	1
207	Self-similarity in ultrafast nonlinear optics. Nature Physics, 2007, 3, 597-603.	6.5	336
208	All-fibered high-quality low duty-cycle picosecond high repetition rate pulse sources. Annales De Physique, 2007, 32, 67-70.	0.2	0
209	All-fibered high-quality low duty-cycle 20-GHz and 40-GHz picosecond pulse sources. , 2007, , .		0
210	All-optical reshaping at 160-Gbit/s using a passive saturable absorber-based microcavity device. , 2006, , .		0
211	20-GHz-to-1-THz Repetition Rate Pulse Sources Based on Multiple Four-Wave Mixing in Optical Fibers. IEEE Journal of Quantum Electronics, 2006, 42, 1038-1046.	1.0	97
212	All-optical extinction-ratio enhancement of a 160 GHz pulse train by a saturable-absorber vertical microcavity. Optics Letters, 2006, 31, 537.	1.7	23
213	Frequency tunable polarization and intermodal modulation instability in high birefringence holey fiber. Optics Express, 2006, 14, 397.	1.7	31
214	Comparaison expérimentale de techniques de caractérisation en intensité et phase d'impulsions optiques ultracourtes. European Physical Journal Special Topics, 2006, 135, 131-133.	0.2	1
215	Instabilité modulationnelle incohérente. European Physical Journal Special Topics, 2006, 135, 273-275.	0.2	0
216	Incoherent solitons and condensation processes. European Physical Journal Special Topics, 2006, 135, 33-41.	0.2	2

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217	Collision de similaritons optiques dans un amplificateur fibré Raman. European Physical Journal Special Topics, 2006, 135, 135-137.	0.2	0
218	Comparison of conventional and dense dispersion managed systems for 160Gb/s transmissions. Optics Communications, 2006, 260, 548-553.	1.0	4
219	Generation of 20-GHz picosecond pulse trains in the normal and anomalous dispersion regimes of optical fibers. Optics Communications, 2006, 260, 301-306.	1.0	43
220	Measurement of nonlinear and chromatic dispersion parameters of optical fibers using modulation instability. Optical Fiber Technology, 2006, 12, 243-250.	1.4	32
221	Generation of dark solitons by interaction between similaritons in Raman fiber amplifiers. Optical Fiber Technology, 2006, 12, 217-226.	1.4	18
222	GigaHertz to TeraHertz Ultrashort Pulse Sources at 1555 nm. , 2006, , .		0
223	320-GHz, 640-GHz and 1-THz femtosecond pulse sources based on multiple four wave mixing in highly non linear optical fibers. , 2006, , .		0
224	All-Optical Measurement of Background, Amplitude and Timing Jitter for high speed pulse trains or prbs sequences using autocorrelation function. , 2006, , .		1
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