Thibaut Sylvestre

List of Publications by Year
in descending order

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221	4,102	117453	128067
papers	citations	34 h-index	60 g-index

225	225	225	2467
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultra-flat, low-noise, and linearly polarized fiber supercontinuum source covering 670â€“1390 nm: publisherâ€™s note. Optics Letters, 2022, 47, 2064.	1.7	1
2	Nonlinear effects get into shape. Nature Physics, 2022, 18, 4-5.	6.5	2
3	Noise in supercontinuum generated using PM and non-PM tellurite glass all-normal dispersion fibers. Optics Letters, 2022, 47, 2550.	1.7	1
4	Ultra-flat, low-noise, and linearly polarized fiber supercontinuum source covering 670â€“1390â€‰â€‰nm. Optics Letters, 2021, 46, 1820.	1.7	29
5	Generation of an ultra-flat, low-noise and linearly polarized fiber supercontinuum covering 670 nm-1390 nm. , 2021, , .		0
6	Recent advances in supercontinuum generation in specialty optical fibers [Invited]. Journal of the Optical Society of America B: Optical Physics, 2021, 38, F90.	0.9	59
7	Intracavity incoherent supercontinuum dynamics and rogue waves in a broadband dissipative soliton laser. Nature Communications, 2021, 12, 5567.	5.8	32
8	2â€“10ÂÂµm Midâ€Infrared Fiberâ€Based Supercontinuum Laser Source: Experiment and Simulation. Laser and Photonics Reviews, 2020, 14, 2000011.	4.4	56
9	On-chip Earth spin detection. Nature Photonics, 2020, 14, 341-343.	15.6	1
10	Comparative analysis of stimulated Brillouin scattering at 2â€‰â€‰Âµm in various infrared glass-based optical fibers. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 3792.	0.9	17
11	Cross-phase modulation instability in PM ANDi fiber-based supercontinuum generation. Optics Letters, 2020, 45, 3545.	1.7	14
12	Silica-based photonic crystal fiber for the generation of broad band UV radiation. OSA Continuum, 2020, 3, 31.	1.8	2
13	Real-time noise measurement in supercontinuum generation in PM and non-PM ANDi tellurite fibers. , 2020, , .		1
14	Mid-infrared detection of organic compounds with a 2-10 Âµm supercontinuum source generated from concatenated fluoride and chalcogenide fibers (Conference Presentation). , 2020, , .		1
15	Chalcogenide-glass polarization-maintaining photonic crystal fiber for mid-infrared supercontinuum generation. JPhys Photonics, 2019, 1, 044003.	2.2	30
16	Noise Evolution in All-Normal Dispersion Supercontinuum Generation. , 2019, , .		0
17	Nonlinear elasticity of silica nanofiber. APL Photonics, 2019, 4, .	3.0	12
18	Special Issue on Brillouin Scattering and Optomechanics. Applied Sciences (Switzerland), 2019, 9, 3745.	1.3	2

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19	Real-time characterization of spectral instabilities in a mode-locked fibre laser exhibiting soliton-similariton dynamics. Scientific Reports, 2019, 9, 13950.	1.6	45
20	Towards athermal Brillouin strain sensing based on heavily germania-doped core optical fibers. APL Photonics, 2019, 4, .	3.0	14
21	Supercontinuum generation by intermodal four-wave mixing in a step-index few-mode fibre. APL Photonics, 2019, 4, .	3.0	35
22	2-Î¼m Brillouin laser based on infrared nonlinear glass fibers. Applied Optics, 2019, 58, 6365.	0.9	8
23	Amplitude noise and coherence degradation of femtosecond supercontinuum generation in all-normal-dispersion fibers. Journal of the Optical Society of America B: Optical Physics, 2019, 36, A161.	0.9	72
24	Demonstration of the evanescent Kerr effect in optical nanofibers. Optics Express, 2019, 27, 29460.	1.7	10
25	Nested capillary anti-resonant silica fiber with mid-infrared transmission and low bending sensitivity at 4000â€‰â€‰nm. Optics Letters, 2019, 44, 4395.	1.7	17
26	Nanoimprinting and tapering of chalcogenide photonic crystal fibers for cascaded supercontinuum generation. Optics Letters, 2019, 44, 5505.	1.7	15
27	Femtosecond supercontinuum generation with noisy pumps in normal dispersion fibers with zero crossings. , 2019, , .		0
28	Supercontinuum generation in heavy-metal oxide glass based suspended-core photonic crystal fibers. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2311.	0.9	19
29	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
30	Two octave supercontinuum generation by cascaded intermodal four-wave mixing in a step-index few-mode fiber. , 2018, , .		0
31	Large Brillouin gain in Germania-doped core optical fibers up to a 98â€‰â€‰mol% doping level. Optics Letters, 2018, 43, 4005.	1.7	23
32	Intermodal Modulation Instability and Four-Wave Mixing in Graded-Index Few-Mode Fibers. , 2018, , .		0
33	Supercontinuum generation by cascaded intermodal Raman and FWM processes in step-index few-mode fibers. , 2018, , .		0
34	Temperature and strain Brillouin sensing coefficients of heavily doped Germanium-core optical fibers. , 2018, , .		1
35	Stimulated Brillouin scattering in Germanium-doped-core optical fibers up to 98% mol doping level. , 2018, , .		0
36	Brillouin reflectometry of optical microfibers. , 2018, , .		0

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37	Supercontinuum generation and intermodal four-wave mixing in a step-index few-mode fibre. , 2018, , .		0
38	Diameter and tensile strain measurements of optical nanofibers using Brillouin reflectometry. , 2018, , .		0
39	Highly sensitive measurement of submicron waveguides based on Brillouin scattering. , 2017, , .		0
40	Shaping Brillouin Light in Specialty Optical Fibers. , 2017, , 461-476.		1
41	Universality of the Peregrine Soliton in the Focusing Dynamics of the Cubic Nonlinear SchrÃ¶dinger Equation. Physical Review Letters, 2017, 119, 033901.	2.9	103
42	Surface Brillouin scattering in optical microfibers. , 2017, , .		0
43	Far-detuned cascaded intermodal four-wave mixing in a multimode fiber. Optics Letters, 2017, 42, 1293.	1.7	59
44	Brillouin spectroscopy of optical microfibers and nanofibers. Optica, 2017, 4, 1232.	4.8	59
45	Supercontinuum generation in an optical fiber capillary filled with Toluene. , 2017, , .		0
46	Supercontinuum generation by stimulated Ramanâ€“Kerr scattering in a liquid-core optical fiber. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1677.	0.9	24
47	Real-Time Measurements of Ultrafast Spontaneous Modulation Instability in Optical Fiber. , 2017, , .		0
48	Real Time Measurements of Temporal Rogue Waves and Spontaneous Modulation Instability in Optical Fiber. , 2016, , .		0
49	Experimental observation of surface acoustic wave Brillouin scattering in a small-core photonic crystal fiber. , 2016, , .		2
50	Real-time measurements of spontaneous breathers and rogue wave events in optical fibre modulation instability. Nature Communications, 2016, 7, 13675.	5.8	175
51	Surface Brillouin scattering in photonic crystal fibers. Optics Letters, 2016, 41, 3269.	1.7	11
52	Strong coupling between phonons and optical beating in backward Brillouin scattering. Physical Review A, 2016, 94, .	1.0	8
53	Observation of surface Brillouin scattering in microstructured optical fibers. , 2016, , .		0
54	Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability. , 2016, , .		0

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55	Mid-Infrared Wavelength Conversion in Chalcogenide Optical Microfibers. , 2016, , .		0
56	Subwavelength-diameter optical fibers for Brillouin scattering. , 2015, , .		0
57	Multimode Brillouin scattering in a long tapered birefringent photonic crystal fiber. , 2015, , .		0
58	Multimode Brillouin spectrum in a long tapered birefringent photonic crystal fiber. Optics Letters, 2015, 40, 4281.	1.7	7
59	Mapping the Uniformity of Optical Microwires Using Phase-Correlation Brillouin Distributed Measurements. , 2015, , .		1
60	Reduction and control of stimulated Brillouin scattering in polymer-coated chalcogenide optical microwires. Optics Letters, 2014, 39, 482.	1.7	33
61	Cascaded Brillouin lasing in monolithic barium fluoride whispering gallery mode resonators. Applied Physics Letters, 2014, 105, .	1.5	65
62	All-optical generation of surface acoustic waves in a silica optical microwire. Proceedings of SPIE, 2014, , .	0.8	0
63	Brillouin light scattering from surface acoustic waves in photonic microwires. , 2014, , .		0
64	Far-detuned mid-infrared frequency conversion via normal dispersion modulation instability in chalcogenide microwires. Optics Letters, 2014, 39, 1885.	1.7	47
65	Mid-IR parametric frequency generation in hybrid As2Se3 microwires using normal dispersion modulation instability. , 2014, , .		0
66	Stimulated Ramanâ€“Kerr scattering in an integrated nonlinear optofluidic fiber arrangement. Optics Letters, 2014, 39, 5407.	1.7	13
67	Controlling modulation instability using an incoherent low amplitude seed. , 2014, , .		0
68	Normal dispersion modulation instability in an As₂Se₃chalcogenide hybrid microwire. Proceedings of SPIE, 2014, , .	0.8	1
69	Mid-IR frequency conversion and supercontinuum generation in polymer-coated chalcogenide microfibers. , 2014, , .		0
70	Stimulated Brillouin scattering in polymer-coated chalcogenide microfibers. , 2014, , .		0
71	Brillouin light scattering from surface acoustic waves in a subwavelength-diameter optical fibre. Nature Communications, 2014, 5, 5242.	5.8	142
72	Tunable stimulated Brillouin scattering in hybrid polymer-chalcogenide tapered fibers. , 2014, , .		4

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73	Coupling light into a whispering-gallery mode resonator with self-focused beam. , 2014, , .		0
74	Distributed Brillouin Fiber Sensor With Enhanced Sensitivity Based on Anti-Stokes Single-Sideband Suppressed-Carrier Modulation. IEEE Photonics Technology Letters, 2013, 25, 94-96.	1.3	8
75	Real time spectra and wavelength correlation maps: New insights into octave-spanning supercontinuum generation and rogue waves. , 2013, , .		0
76	Cascaded Raman slow light and optical spatial solitons in Kerr media. Physical Review A, 2013, 87, .	1.0	5
77	Observation of surface acoustic wave Brillouin scattering in optical microfibers. , 2013, , .		1
78	Observation of acoustically induced modulation instability in a Brillouin photonic crystal fiber laser. Optics Letters, 2013, 38, 1570.	1.7	6
79	Real time noise and wavelength correlations in octave-spanning supercontinuum generation. Optics Express, 2013, 21, 18452.	1.7	87
80	Modeling of octave-spanning Kerr frequency combs using a generalized mean-field Lugiatoâ€“Lefever model. Optics Letters, 2013, 38, 37.	1.7	505
81	Fiber optical parametric polarizer. , 2013, , .		0
82	Dispersive time stretching measurements of real-time spectra and statistics for supercontinuum generation around 1550 nm. , 2013, , .		0
83	Steady-state and instabilities of octave-spanning Kerr frequency combs modeled using a generalized Lugiato-Lefever equation. , 2013, , .		0
84	Incoherent resonant seeding of modulation instability in optical fiber. Optics Letters, 2013, 38, 5338.	1.7	35
85	Stimulated Brillouin scattering in hybrid chalcogenide-PMMA microwires. , 2013, , .		2
86	Capteur Brillouin rÃ©parti Ã fibre optique Ã haute rÃ©solution et longue portÃ©e. Instrumentation Mesure Metrologie, 2013, 13, 31-45.	0.2	0
87	Beam steering using optical parametric amplification in Kerr medium: a space-time analogy of parametric slow-light. Optics Express, 2012, 20, 27396.	1.7	3
88	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.	1.7	30
89	Demonstration of polarization pulling using a fiber-optic parametric amplifier. Optics Express, 2012, 20, 27248.	1.7	28
90	Black-light continuum generation in a silica-core photonic crystal fiber. Optics Letters, 2012, 37, 130.	1.7	19

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91	Opto-acoustic coupling and Brillouin phenomena in microstructure optical fibers. , 2012, , .		0
92	Supercontinuum generation in the black light region by pumping at 355 nm a silica photonic crystal fiber. Proceedings of SPIE, 2012, , .	0.8	0
93	Differential Phase-Shift-Keying Technique-Based Brillouin Echo-Distributed Sensing. IEEE Photonics Technology Letters, 2012, 24, 79-81.	1.3	15
94	Fiber optic Brillouin distributed sensing using phase-shift keying modulation techniques. , 2012, , .		3
95	Sensitivity enhancement in long-range distributed Brillouin fiber sensor using an anti-Stokes single-sideband probe and a bidirectional EDFA. , 2012, , .		3
96	SBS Mitigation in a Microstructured Optical Fiber by Periodically Varying the Core Diameter. IEEE Photonics Technology Letters, 2012, 24, 667-669.	1.3	12
97	Real-time full bandwidth measurement of spectral noise in supercontinuum generation. Scientific Reports, 2012, 2, 882.	1.6	137
98	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
99	Demonstration of polarization pulling in a fiber-optical parametric amplifier. , 2012, , .		0
100	Supercontinuum generation with picosecond ultraviolet pulses in a solid-core photonic crystal fiber. , 2012, , .		0
101	Experimental demonstration of all-fiber continuous wave optical parametric amplifier operating at 1 Âµm. , 2012, , .		0
102	Beam steering using spatial OPA in Kerr media: a space-time analogy of parametric slow-light. , 2012, , .		0
103	Tunable optical delay using parametric amplification in highly birefringent optical fibers. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2352.	0.9	4
104	Temperature coefficient of the high-frequency guided acoustic mode in a photonic crystal fiber. Applied Optics, 2011, 50, 6543.	2.1	17
105	Frequency-selective excitation of guided acoustic modes in a photonic crystal fiber. Optics Express, 2011, 19, 7689.	1.7	25
106	Symmetry-breaking dynamics of the modulational instability spectrum. Optics Letters, 2011, 36, 1359.	1.7	39
107	Widely Tunable Parametric Amplification and Pulse Train Generation by Heating a Photonic Crystal Fiber. IEEE Journal of Quantum Electronics, 2011, 47, 1514-1518.	1.0	14
108	Supercontinuum generation by nanosecond dual-pumping near the two zero-dispersion wavelengths of a photonic crystal fiber. Optics Communications, 2011, 284, 467-470.	1.0	14

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109	Publisherâ€™s Note: Symmetry-breaking instability of quadratic soliton bound states [Phys. Rev. A83, 013807 (2011)]. Physical Review A, 2011, 83, .	1.0	0
110	Symmetry-breaking instability of quadratic soliton bound states. Physical Review A, 2011, 83, .	1.0	1
111	High-harmonic km-long self-pulsed Raman fiber laser. , 2011, , .		0
112	Symmetry-breaking dynamics of the modulational instability spectrum. , 2011, , .		1
113	Suppression of SBS in a photonic crystal fiber with periodically-varied core diameter. , 2011, , .		2
114	Brillouin echo-distributed sensing based on differential phase-shift keying technique. , 2011, , .		0
115	Comment on â€œDark pulse emission of a fiber laserâ€• Physical Review A, 2010, 82, .	1.0	13
116	Pulse-shape selection of an ultra-high repetition rate wavelength and repetition rate tunable mode-locked laser: From bright to dark pulses. , 2010, , .		0
117	Tuning both the pulse walk-off and the frequency chirp in Raman slow light media. , 2010, , .		0
118	All-fiber optical parametric amplifier at 1 μm using a microstructured fiber. , 2010, , .		0
119	Photonic crystal fiber mapping using Brillouin echoes distributed sensing. Optics Express, 2010, 18, 20136.	1.7	21
120	Dark and bright pulse passive mode-locked laser with in-cavity pulse-shaper. Optics Express, 2010, 18, 22715.	1.7	38
121	Interplay of four-wave mixing processes with a mixed coherent-incoherent pump. Optics Express, 2010, 18, 25833.	1.7	5
122	Demonstration of an All-Fiber Broadband Optical Parametric Amplifier at 1 mum. Journal of Lightwave Technology, 2010, 28, 2173-2178.	2.7	16
123	Effect of inhomogeneities on backward and forward Brillouin scattering in photonic crystal fibers. Proceedings of SPIE, 2010, , .	0.8	1
124	Observation of brillouin linewidth broadening and decay time in photonic crystal fiber. , 2010, , .		0
125	Experimental observation of Brillouin linewidth broadening and decay time in photonic crystal fiber. , 2010, , .		1
126	Guided Acoustic Wave Brillouin Scattering in a Nanostructure Core Fiber. , 2010, , .		0

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127	Tunable optical delay using parametric amplification in highly-birefringent optical fibers. , 2010, , .		0
128	Multicolor soliton and cascaded Raman generation in a nonlinear planar waveguide. , 2010, , .		0
129	Parametric amplification and wavelength conversion in the 1040â€“1090 nm band by use of a photonic crystal fiber. Applied Physics Letters, 2009, 94, 111104.	1.5	26
130	Effect of Raman slow light on pulse walk-off and frequency chirp. , 2009, , .		0
131	All-optical tunable pulse frequency chirp via slow light. Optics Letters, 2009, 34, 3824.	1.7	8
132	Demonstration of Parametric Amplification at 1Âµm by use of a Microstructured Optical Fiber. , 2009, , .		0
133	Role of microstructure on guided acoustic wave Brillouin scattering in photonic crystal fibers. Proceedings of SPIE, 2009, , .	0.8	1
134	Spatio-temporal dynamics of multicolor spatial Kerr solitons. Optical and Quantum Electronics, 2008, 40, 271-279.	1.5	2
135	Collision between scalar and vector spatial solitons in Kerr media. Optical and Quantum Electronics, 2008, 40, 281-291.	1.5	1
136	Low-threshold all-fiber 1000nm supercontinuum source based on highly non-linear fiber. Optics Communications, 2008, 281, 4095-4098.	1.0	9
137	Supercontinuum Generation From 1.35 to 1.7 mum by Nanosecond Pumping Near the Second Zero-Dispersion Wavelength of a Microstructured Fiber. IEEE Photonics Technology Letters, 2008, 20, 842-844.	1.3	21
138	Investigation of gain ripple in two-pump fiber optical parametric amplifiers. Optics Letters, 2008, 33, 2203.	1.7	13
139	Cancellation of Raman pulse walk-off by slow light. Optics Letters, 2008, 33, 2506.	1.7	10
140	Demonstration of an Integrated LiNbO<formula formulatype="inline"> <tex>$_3$</tex></formula> Synchronized Double Phase Modulator and Its Application to Dual-Pump Fiber Optical Parametric Amplifiers and Wavelength Converters. Journal of Lightwave Technology, 2008, 26, 777-781.	2.7	3
141	Dynamics of an ultrahigh-repetition-rate passively mode-locked Raman fiber laser. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1178.	0.9	55
142	Impact of pump quality on the performances of fibre optical parametric amplifiers. , 2008, , .		1
143	Supercontinuum generation from 1350 to 1700 nm by nanosecond pumping near the second zero dispersion wavelength of a photonic crystal fiber. , 2008, , .		0
144	Gain oscillations in two-pump fiber optical parametric amplifiers. , 2008, , .		0

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145	System Performances of Fiber Optical Parametric Amplifiers. Fiber and Integrated Optics, 2008, 27, 516-531.	1.7	1
146	Extended blue side of flat supercontinuum generation in PCFs with a CW Yb fiber laser. , 2008, , .		2
147	Pulse repetition rate multiplication in fibre laser using higher-order passive modelocking. Electronics Letters, 2008, 44, 1240.	0.5	2
148	Cancellation of pulse walk-off in Raman amplifiers via slow light. , 2008, , .		0
149	Noise-characterization of an ultra-fast Raman fiber laser. , 2008, , .		0
150	Slow-Light Spatial Solitons. Physical Review Letters, 2008, 100, 013908.	2.9	24
151	Characterization of a passively mode-locked Raman fiber laser. , 2008, , .		0
152	Simultaneous observation of multiple four-wave mixing processes in the phase-matched and non-phase-matched regimes. , 2007, , .		0
153	Tailoring strong cw supercontinuum generation in microstructured fibers with two-zero dispersion wavelengths. , 2007, , .		0
154	Fiber Optical Parametric Amplifier Based on a Novel LiNbO<inf>3</inf> Synchronized double Phase Modulator. , 2007, , .		3
155	Spatio-temporal dynamics of generation of multicolor spatial Kerr solitons. , 2007, , .		0
156	Guided acoustic wave Brillouin scattering in photonic crystal fibers. Optics Letters, 2007, 32, 17.	1.7	82
157	Tailoring CW supercontinuum generation in microstructured fibers with two-zero dispersion wavelengths. Optics Express, 2007, 15, 11553.	1.7	74
158	Complete experimental characterization of stimulated Brillouin scattering in photonic crystal fiber. Optics Express, 2007, 15, 15517.	1.7	85
159	Brillouin Optical Time-Domain Analysis of Fiber-Optic Parametric Amplifiers. IEEE Photonics Technology Letters, 2007, 19, 179-181.	1.3	14
160	Polarization dynamics of the fundamental vector soliton of isotropic Kerr media. Physical Review E, 2007, 75, 016611.	0.8	17
161	Simple methods for crosstalk reduction in fiber optical parametric amplifiers. Optics Communications, 2007, 275, 448-452.	1.0	9
162	Slow light induced by stimulated Raman scattering on spatial Kerr soliton. Annales De Physique, 2007, 32, 103-106.	0.2	1

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163	Induced symmetry-breaking and polarization switching of spatial solitons through vector collision. , 2007, , .		1
164	Raman-induced slow light on spatial soliton in Kerr media. , 2007, , .		2
165	Brillouin Optical Time Domain Analysis of Fiber Optic Parametric Amplifiers. , 2006, , .		0
166	Simple Method for Crosstalk Reduction in Fiber Optical Parametric Amplifiers. , 2006, , .		2
167	Experimental Observation of Large Guided Acoustic Wave Brillouin Scattering in Photonic Crystal Fibres. , 2006, , .		2
168	Zero-dispersion wavelength mapping in short single-mode optical fibers using parametric amplification. IEEE Photonics Technology Letters, 2006, 18, 22-24.	1.3	31
169	Ultralow chromatic dispersion measurement of optical fibers with a tunable fiber laser. IEEE Photonics Technology Letters, 2006, 18, 1825-1827.	1.3	26
170	Supercontinuum generation using continuous-wave multiwavelength pumping and dispersion management. Optics Letters, 2006, 31, 2036.	1.7	35
171	Generation of multicolor vector Kerr solitons by cross-phase modulation, four-wave mixing, and stimulated Raman scattering. Optics Letters, 2006, 31, 3480.	1.7	17
172	Passively mode-locked Raman fiber laser with 100 GHz repetition rate. Optics Letters, 2006, 31, 3489.	1.7	71
173	Theoretical study of gain distortions in dual-pump fiber optical parametric amplifiers. Optics Communications, 2006, 267, 244-252.	1.0	14
174	Ultra-high repetition-rate passively mode-locked Raman fiber laser. , 2006, , .		0
175	Ultra-low Chromatic D= ispersion Measurement of Optical F. Ibers With a Tunable Fiber Laser. , 2006, , .		0
176	Observation expÃ©rimentale d'un soliton spatial bicolore dans un milieu Kerr en prÃ©sence de diffusion Raman stimulÃ©e. European Physical Journal Special Topics, 2006, 135, 309-310.	0.2	0
177	Numerical and experimental investigations of vector soliton bound-states in a Kerr planar waveguide. Optics Communications, 2005, 249, 285-291.	1.0	6
178	Coupled-mode analysis of stimulated Raman scattering and four-wave mixing in wavelength-division multiplexed systems. Optics Communications, 2005, 250, 191-201.	1.0	11
179	Experimental Observation of the Elliptically Polarized Fundamental Vector Soliton of Isotropic Kerr Media. , 2005, , FA4.		0
180	Investigation of electrical noise figure for fiber optical parametric amplifiers. , 2005, , .		1

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181	Annular aperture arrays: study in the visible region of the electromagnetic spectrum. Optics Letters, 2005, 30, 1611.	1.7	44
182	Experimental observation of the elliptically polarized fundamental vector soliton of isotropic Kerr media. Optics Letters, 2005, 30, 3383.	1.7	26
183	Impact of pump phase modulation on system performance of fibre-optical parametric amplifiers. Electronics Letters, 2005, 41, 350.	0.5	21
184	Raman-induced power tilt in arbitrarily large wavelength-division-multiplexed systems. IEEE Photonics Technology Letters, 2005, 17, 88-90.	1.3	7
185	Impact of pump OSNR on noise figure for fiber-optical parametric amplifiers. IEEE Photonics Technology Letters, 2005, 17, 1178-1180.	1.3	49
186	Phononic band-gap guidance of acoustic modes in photonic crystal fibers. Physical Review B, 2005, 71, .	1.1	80
187	Continuum generation in a dispersion-shifted fiber using one or two continuous-wave Raman fiber lasers. , 2005, , .		0
188	Quantum fluctuations and correlations of spatial scalar or multimode vector solitons in Kerr media. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, S295-S302.	1.4	15
189	Impact of Pump Phase Modulation on the Gain of Fiber Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2004, 16, 1289-1291.	1.3	65
190	Stability Enhancement for Dual-Order Raman Fiber Lasers. IEEE Photonics Technology Letters, 2004, 16, 2018-2020.	1.3	1
191	Weak-wave advancement in nearly collinear four-wave mixing: comment. Optics Express, 2004, 12, 2566.	1.7	0
192	Spectral broadening of a partially coherent CW laser beam in single-mode optical fibers. Optics Express, 2004, 12, 2838.	1.7	132
193	Cascaded Raman generation in optical fibers: influence of chromatic dispersion and Rayleigh backscattering. Optics Letters, 2004, 29, 998.	1.7	25
194	Numerical modeling of a four-wave-mixing-assisted Raman fiber laser. Optics Letters, 2004, 29, 2719.	1.7	9
195	Cascaded Raman generation in optical fibers : Influence of chromatic dispersion and Rayleigh backscattering. , 2004, , .		0
196	Influence of the phase modulation of the pump wave in fiber optical parametric amplifiers. , 2004, , .		0
197	Quantum fluctuations and correlations of multimode vector solitons in Kerr media. , 2004, , .		0
198	Numerical modeling of four-wave mixing-assisted Raman fiber laser. , 2004, , .		0

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199	Numerical and experimental investigations of vector soliton bound-states in a Kerr planar waveguide. , 2004, , .		0
200	Generation of a broadband single-mode supercontinuum in a conventional dispersion-shifted fiber by use of a subnanosecond microchiplaser. Optics Letters, 2003, 28, 1820.	1.7	68
201	Broadband and flat parametric amplifiers with a multisection dispersion-tailored nonlinear fiber arrangement. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 1532.	0.9	66
202	Impact of the longitudinal variations of the chromatic dispersion on the gain of fiber parametric amplifiers. , 2003, , .		4
203	Numerical and experimental study of the influence of chromatic dispersion on cascaded Raman generation in optical fibers. , 2003, , .		1
204	Symmetry-Breaking Instability of Multimode Vector Solitons. Physical Review Letters, 2002, 89, 083901.	2.9	75
205	Self-induced modulational instability laser revisited:â€ƒnormal dispersion and dark-pulse train generation. Optics Letters, 2002, 27, 482.	1.7	128
206	Pump-power-dependent gain for small-signal parametric amplification in birefringent fibres. Optics Communications, 2001, 191, 245-251.	1.0	3
207	Raman-assisted three-wave mixing of non-phase-matched waves in optical fibres: application to wide-range frequency conversion. Optics Communications, 2001, 192, 107-121.	1.0	8
208	Demonstration of passive modelocking through dissipative four-wave mixing in fibre laser. Electronics Letters, 2001, 37, 881.	0.5	18
209	Dynamics of stimulated Raman scattering and four-wave mixing in wavelength-division-multiplexed systems. , 2001, , OTuE18.		0
210	Wavelength conversion from 1.3 Âµm to 1.5 Âµm in single-mode optical fibres using Raman-assisted three-wave mixing. Journal of Optics, 2000, 2, 132-141.	1.5	4
211	Suppression of stimulated Raman scattering in optical fibres by power-controlled multifrequency pumping. Optics Communications, 1999, 159, 32-36.	1.0	3
212	Demonstration of stimulated-Raman-scattering suppression in optical fibers in a multifrequency pumping configuration. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 757.	0.9	10
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218	Wavelength conversion from 1.3 Î¼m to 1.5 Î¼m bands in a nonlinear dispersion-shifted fiber. , 0, , .		0
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221	Continuum generation in continuous-wave-pumped dispersion-shifted fibers. , 0, , .		0