Jonathan C Knight

List of Publications by Year
in descending order

200 papers	28,393 citations	15504 65 h-index	7745 150 g-index
203 all docs	203 docs citations	203 times ranked	8680 citing authors

#	Article	IF	Citations
1	Endlessly single-mode photonic crystal fiber. Optics Letters, 1997, 22, 961.	3.3	2,764
2	All-silica single-mode optical fiber with photonic crystal cladding. Optics Letters, 1996, 21, 1547.	3.3	2,757
3	Single-Mode Photonic Band Gap Guidance of Light in Air. Science, 1999, 285, 1537-1539.	12.6	1,735
4	Photonic crystal fibres. Nature, 2003, 424, 847-851.	27.8	1,539
5	Photonic Band Gap Guidance in Optical Fibers. , 1998, 282, 1476-1478.		1,097
6	Optical Frequency Synthesizer for Precision Spectroscopy. Physical Review Letters, 2000, 85, 2264-2267.	7.8	1,065
7	Stimulated Raman Scattering in Hydrogen-Filled Hollow-Core Photonic Crystal Fiber. Science, 2002, 298, 399-402.	12.6	926
8	Highly birefringent photonic crystal fibers. Optics Letters, 2000, 25, 1325.	3.3	860
9	Phase-matched excitation of whispering-gallery-mode resonances by a fiber taper. Optics Letters, 1997, 22, 1129.	3.3	803
10	Ultimate low loss of hollow-core photonic crystal fibres. Optics Express, 2005, 13, 236.	3.4	748
11	Anomalous dispersion in photonic crystal fiber. IEEE Photonics Technology Letters, 2000, 12, 807-809.	2.5	596
12	Submicrometer axial resolution optical coherence tomography. Optics Letters, 2002, 27, 1800.	3.3	481
13	Compact, stable and efficient all-fibre gas cells using hollow-core photonic crystal fibres. Nature, 2005, 434, 488-491.	27.8	479
14	Experimental Evidence for Supercontinuum Generation by Fission of Higher-Order Solitons in Photonic Fibers. Physical Review Letters, 2002, 88, 173901.	7.8	465
15	Soliton Self-Frequency Shift Cancellation in Photonic Crystal Fibers. Science, 2003, 301, 1705-1708.	12.6	459
16	Large mode area photonic crystal fibre. Electronics Letters, 1998, 34, 1347.	1.0	443
17	Supercontinuum and four-wave mixing with Q-switched pulses in endlessly single-mode photonic crystal fibres. Optics Express, 2004, 12, 299.	3.4	430
18	Over 4000 nm bandwidth of mid-IR supercontinuum generation in sub-centimeter segments of highly nonlinear tellurite PCFs. Optics Express, 2008, 16, 7161.	3.4	424

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19	Supercontinuum generation by stimulated Raman scattering and parametric four-wave mixing in photonic crystal fibers. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 753.	2.1	421
20	Transformation and control of ultra-short pulses in dispersion-engineered photonic crystal fibres. Nature, 2003, 424, 511-515.	27.8	402
21	Low loss silica hollow core fibers for 3â€“4 Î¼m spectral region. Optics Express, 2012, 20, 11153.	3.4	357
22	Supercontinuum generation in photonic crystal fibers and optical fiber tapers: a novel light source. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 2148.	2.1	345
23	Properties of photonic crystal fiber and the effective index model. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1998, 15, 748.	1.5	307
24	Scalar modulation instability in the normal dispersion regime by use of a photonic crystal fiber. Optics Letters, 2003, 28, 2225.	3.3	292
25	Dispersion compensation using single-material fibers. IEEE Photonics Technology Letters, 1999, 11, 674-676.	2.5	283
26	White-light supercontinuum generation with 60-ps pump pulses in a photonic crystal fiber. Optics Letters, 2001, 26, 1356.	3.3	283
27	All-solid photonic bandgap fiber. Optics Letters, 2004, 29, 2369.	3.3	280
28	Stimulated Brillouin scattering from multi-GHz-guided acoustic phonons in nanostructured photonic crystal fibres. Nature Physics, 2006, 2, 388-392.	16.7	263
29	Zero-dispersion wavelength decreasing photonic crystal fibers for ultraviolet-extended supercontinuum generation. Optics Express, 2006, 14, 5715.	3.4	230
30	APPLIED OPTICS: New Ways to Guide Light. Science, 2002, 296, 276-277.	12.6	220
31	Supercontinuum generation system for optical coherence tomography based on tapered photonic crystal fibre. Optics Express, 2006, 14, 1596.	3.4	217
32	Visibly â€œwhiteâ€•light generation in uniform photonic crystal fiber using a microchip laser. Optics Express, 2008, 16, 2670.	3.4	201
33	Negative Curvature Hollow-Core Optical Fiber. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 146-155.	2.9	200
34	High power air-clad photonic crystal fibre laser. Optics Express, 2003, 11, 48.	3.4	199
35	Tellurite photonic crystal fiber. Optics Express, 2003, 11, 2641.	3.4	198
36	Enhanced visualization of choroidal vessels using ultrahigh resolution ophthalmic OCT at 1050 nm. Optics Express, 2003, 11, 1980.	3.4	182

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37	Hollow antiresonant fibers with reduced attenuation. Optics Letters, 2014, 39, 1853.	3.3	173
38	Ultrahigh Efficiency Laser Wavelength Conversion in a Gas-Filled Hollow Core Photonic Crystal Fiber by Pure Stimulated Rotational Raman Scattering in Molecular Hydrogen. Physical Review Letters, 2004, 93, 123903.	7.8	172
39	Field enhancement within an optical fibre with a subwavelength air core. Nature Photonics, 2007, 1, 115-118.	31.4	162
40	Femtosecond soliton pulse delivery at 800nm wavelength in hollow-core photonic bandgap fibers. Optics Express, 2004, 12, 835.	3.4	152
41	All-silica single-mode optical fiber with photonic crystal cladding:â€ƒerrata. Optics Letters, 1997, 22, 484.	3.3	145
42	Soliton effects in photonic crystal fibres at 850 nm. Electronics Letters, 2000, 36, 53.	1.0	144
43	Hollow antiresonant fibers with low bending loss. Optics Express, 2014, 22, 10091.	3.4	138
44	Experimental study of dual-core photonic crystal fibre. Electronics Letters, 2000, 36, 1358.	1.0	133
45	Properties of a hollow-core photonic bandgap fiber at 850 nm wavelength. Optics Express, 2003, 11, 1613.	3.4	129
46	Interaction of an Optical Soliton with a Dispersive Wave. Physical Review Letters, 2005, 95, 213902.	7.8	128
47	Experimental measurement of group velocity dispersion in photonic crystal fibre. Electronics Letters, 1999, 35, 63.	1.0	122
48	Phase-matched third harmonic generation in microstructured fibers. Optics Express, 2003, 11, 2567.	3.4	121
49	Spectral attenuation limits of silica hollow core negative curvature fiber. Optics Express, 2013, 21, 21466.	3.4	119
50	Cavity-based mid-IR fiber gas laser pumped by a diode laser. Optica, 2016, 3, 218.	9.3	116
51	Mapping whispering-gallery modes in microspheres with a near-field probe. Optics Letters, 1995, 20, 1515.	3.3	115
52	Simultaneous generation of spectrally distinct third harmonics in a photonic crystal fiber. Optics Letters, 2001, 26, 1158.	3.3	110
53	Nonlinear generation of very high-order UV modes in microstructured fibers. Optics Express, 2003, 11, 910.	3.4	107
54	Very High Numerical Aperture Fibers. IEEE Photonics Technology Letters, 2004, 16, 843-845.	2.5	106

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55	Single-mode mid-IR guidance in a hollow-core photonic crystal fiber. Optics Express, 2005, 13, 7139.	3.4	104
56	Spectrally smooth supercontinuum from 350 nm to 3 Î¼m in sub-centimeter lengths of soft-glass photonic crystal fibers. Optics Express, 2006, 14, 4928.	3.4	101
57	Picosecond and nanosecond pulse delivery through a hollow-core Negative Curvature Fiber for micro-machining applications. Optics Express, 2013, 21, 22742.	3.4	96
58	Pulse breaking and supercontinuum generation with 200-fs pump pulses in photonic crystal fibers. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 2567.	2.1	95
59	Photonic crystals as optical fibres â€“ physics and applications. Optical Materials, 1999, 11, 143-151.	3.6	93
60	Highly increased photonic band gaps in silica/air structures. Optics Communications, 1998, 156, 240-244.	2.1	89
61	Remotely addressed optical fibre curvature sensor using multicore photonic crystal fibre. Optics Communications, 2001, 193, 97-104.	2.1	89
62	Spectral shaping of supercontinuum in a cobweb photonic-crystal fiber with sub-20-fs pulses. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 2165.	2.1	88
63	Realizing low loss air core photonic crystal fibers by exploiting an antiresonant core surround. Optics Express, 2005, 13, 8277.	3.4	88
64	Effect of core boundary curvature on the confinement losses of hollow antiresonant fibers. Optics Express, 2013, 21, 21912.	3.4	86
65	Mid-infrared gas sensing using a photonic bandgap fiber. Applied Optics, 2008, 47, 1269.	2.1	78
66	Efficient diode-pumped mid-infrared emission from acetylene-filled hollow-core fiber. Optics Express, 2014, 22, 21872.	3.4	67
67	Antiresonant Hollow-Core Fiber-Based Dual Gas Sensor for Detection of Methane and Carbon Dioxide in the Near- and Mid-Infrared Regions. Sensors, 2020, 20, 3813.	3.8	60
68	Efficient 1.9â€‰Î¼m emission in H₂-filled hollow core fiber by pure stimulated vibrational Raman scattering. Laser Physics Letters, 2014, 11, 105807.	1.4	59
69	Single-mode solarization-free hollow-core fiber for ultraviolet pulse delivery. Optics Express, 2018, 26, 10879.	3.4	59
70	Near-field optical microscopy of thin photonic crystal films. Journal of Applied Physics, 1999, 85, 6337-6342.	2.5	58
71	Mid-infrared 1â€‰â€‰W hollow-core fiber gas laser source. Optics Letters, 2017, 42, 4055.	3.3	58
72	Double-clad hollow core photonic crystal fiber for coherent Raman endoscope. Optics Express, 2011, 19, 12562.	3.4	57

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73	Stokes Amplification Regimes in Quasi-cw Pumped Hydrogen-Filled Hollow-Core Photonic Crystal Fiber. Physical Review Letters, 2005, 95, 213903.	7.8	56
74	High energy green nanosecond and picosecond pulse delivery through a negative curvature fiber for precision micro-machining. Optics Express, 2015, 23, 8498.	3.4	55
75	Attenuation limit of silica-based hollow-core fiber at mid-IR wavelengths. APL Photonics, 2019, 4, .	5.7	54
76	Polarization dependent harmonic generation in microstructured fibers. Optics Express, 2003, 11, 61.	3.4	49
77	High power red and near-IR generation using four wave mixing in all integrated fibre laser systems. Optics Express, 2010, 18, 16193.	3.4	49
78	Highly-efficient, octave spanning soliton self-frequency shift using a specialized photonic crystal fiber with low OH loss. Optics Express, 2011, 19, 17766.	3.4	46
79	Experimental study of low-loss single-mode performance in anti-resonant hollow-core fibers. Optics Express, 2016, 24, 12969.	3.4	44
80	Soliton self-frequency shift effects in photonic crystal fibre. Journal of Modern Optics, 2002, 49, 757-767.	1.3	43
81	Observation of soliton self-frequency shift in photonic crystal fibre. Electronics Letters, 2002, 38, 167.	1.0	42
82	Two-core photonic crystal fibre for Doppler difference velocimetry. Optics Communications, 2003, 223, 375-380.	2.1	42
83	A phase-stabilized carbon nanotube fiber laser frequency comb. Optics Express, 2009, 17, 14115.	3.4	42
84	Improved hollow-core photonic crystal fiber design for delivery of nanosecond pulses in laser micromachining applications. Applied Optics, 2005, 44, 4582.	2.1	41
85	Measurement of resonant bend loss in anti-resonant hollow core optical fiber. Optics Express, 2017, 25, 20612.	3.4	40
86	Trends in stimulated Brillouin scattering and optical phase conjugation. Laser and Particle Beams, 2008, 26, 297-362.	1.0	39
87	Silica-clad neodymium-doped lanthanum phosphate fibers and fiber lasers. IEEE Photonics Technology Letters, 2006, 18, 574-576.	2.5	37
88	Bragg scattering from an obliquely illuminated photonic crystal fiber. Applied Optics, 1998, 37, 449.	2.1	33
89	Delivery of CW laser power up to 300 watts at 1080â€…nm by an uncooled low-loss anti-resonant hollow-core fiber. Optics Express, 2021, 29, 1492.	3.4	33
90	Solid Photonic Bandgap Fibres and Applications. Japanese Journal of Applied Physics, 2006, 45, 6059-6063.	1.5	32

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91	High-power Er:Yb fiber laser with very high numerical aperture pump-cladding waveguide. Applied Physics Letters, 2003, 83, 817-818.	3.3	29
92	Third-harmonic generation by Raman-shifted solitons in a photonic-crystal fiber. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 1975.	2.1	28
93	High nonlinearity glass photonic crystal nanowires. Optics Express, 2007, 15, 829.	3.4	28
94	In-Line Gas Sensor Based on a Photonic Bandgap Fiber With Laser-Drilled Lateral Microchannels. IEEE Sensors Journal, 2011, 11, 2926-2931.	4.7	28
95	Adaptive multiphoton endomicroscopy through a dynamically deformed multicore optical fiber using proximal detection. Optics Express, 2016, 24, 21474.	3.4	28
96	Finite-element analysis and experimental results for a microstructured fiber with enhanced hydrostatic pressure sensitivity. Journal of Lightwave Technology, 2005, 23, 1227-1231.	4.6	26
97	Phase-sensitive scattering of a continuous wave on a soliton. Optics Letters, 2006, 31, 1624.	3.3	26
98	Spatiotemporal nonlinear optics in arrays of subwavelength waveguides. Physical Review A, 2010, 82, .	2.5	25
99	Broadband tunable optical parametric amplification from a single 50 MHz ultrafast fiber laser. Optics Express, 2009, 17, 7304.	3.4	24
100	Competition between spectral splitting and Raman frequency shift in negative-dispersion slope photonic crystal fiber. Optics Communications, 2005, 248, 281-285.	2.1	23
101	Characterization of a photonic crystal fiber mode converter using low coherence interferometry. Optics Letters, 2009, 34, 1123.	3.3	23
102	Modeling the propagation of light in photonic crystal fibers. Physica D: Nonlinear Phenomena, 2004, 189, 100-106.	2.8	22
103	Solitons in Hollow Core Photonic Crystal Fiber: Engineering Nonlinearity and Compressing Pulses. Journal of Lightwave Technology, 2009, 27, 1644-1652.	4.6	22
104	Modelling photonic crystal fibres. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 17, 440-442.	2.7	21
105	Silica hollow core microstructured fibres for mid-infrared surgical applications. Journal of Non-Crystalline Solids, 2013, 377, 236-239.	3.1	20
106	Silica hollow core microstructured fibers for beam delivery in industrial and medical applications. Frontiers in Physics, 2015, 3, .	2.1	20
107	Initial dynamics of supercontinuum generation in highly nonlinear photonic crystal fiber. Optics Letters, 2007, 32, 952.	3.3	19
108	Tunable fibreâ€coupled multiphoton microscopy with a negative curvature fibre. Journal of Biophotonics, 2016, 9, 715-720.	2.3	19

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109	Visible emission and energy transfer in Tb³⁺/Dy³⁺ coâ€doped phosphate glasses. Journal of the American Ceramic Society, 2020, 103, 6847-6859.	3.8	19
110	Adaptive Multiphoton Endomicroscope Incorporating a Polarization-Maintaining Multicore Optical Fibre. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 171-178.	2.9	18
111	Continuous-Wave Mid-Infrared Gas Fiber Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	16
112	Sub parts-per-billion detection of ethane in a 30-meters long mid-IR Antiresonant Hollow-Core Fiber. Optics and Laser Technology, 2022, 147, 107638.	4.6	16
113	Ultrasensitive UV-tunable grating in all-solid photonic bandgap fibers. Optics Communications, 2009, 282, 2358-2361.	2.1	15
114	Supermode dispersion and waveguide-to-slot mode transition in arrays of silicon-on-insulator waveguides. Optics Letters, 2010, 35, 3925.	3.3	15
115	Ultraâ€low background Raman sensing using a negativeâ€curvature fibre and no distal optics. Journal of Biophotonics, 2019, 12, e201800239.	2.3	15
116	Molecular detection of Gram-positive bacteria in the human lung through an optical fiberâ€“based endoscope. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 800-807.	6.4	14
117	High-resolution air-clad imaging fibers. Optics Letters, 2018, 43, 5311.	3.3	14
118	Higher order guided mode propagation in solid-core photonic bandgap fibers. Optics Express, 2010, 18, 8906.	3.4	13
119	From zero dispersion to group index matching: How tapering fibers offers the best of both worlds for visible supercontinuum generation. Optical Fiber Technology, 2012, 18, 315-321.	2.7	11
120	In vivo multiphoton microscopy using a handheld scanner with lateral and axial motion compensation. Journal of Biophotonics, 2018, 11, e201700131.	2.3	11
121	OPTICAL FREQUENCY MEASUREMENT USING AN ULTRAFAST MODE-LOCKED LASER AT NMIJ/AIST. , 2002, , .		10
122	Measuring beam quality of hollow core photonic crystal fibers. Journal of Lightwave Technology, 2006, 24, 3761-3769.	4.6	10
123	Experimental reconstruction of bands in solid core photonic bandgap fibres using acoustic gratings. Optics Express, 2008, 16, 13845.	3.4	10
124	Fibre-coupled multiphoton microscope with adaptive motion compensation. Biomedical Optics Express, 2015, 6, 1876.	2.9	10
125	Microstructured Silica as an Optical-Fiber Material. MRS Bulletin, 2001, 26, 614-617.	3.5	9
126	Photonic sensing based on variation of propagation properties of photonic crystal fibres. Optics Express, 2006, 14, 12445.	3.4	9

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127	Negative curvature fibers with reduced leakage loss. , 2014, , .		9
128	Quantitative characterization of endoscopic imaging fibers. Optics Express, 2017, 25, 1985.	3.4	9
129	Maximization of supercontinua in photonic crystal fibers by using double pulses and polarization effects. Applied Physics B: Lasers and Optics, 2003, 77, 319-324.	2.2	8
130	935â€…nm Nd3+ fibre laser incorporating tapered photonic bandgap fibre filter. Electronics Letters, 2007, 43, 327.	1.0	8
131	Dispersion and refractive index measurement for Ge, B-Ge doped and photonic crystal fibre following irradiation at MGy levels. Measurement Science and Technology, 2004, 15, 1659-1664.	2.6	7
132	Hollow-core photonic crystal fibres for delivery and compression of ultrashort optical pulses. Optical and Quantum Electronics, 2007, 39, 1047-1056.	3.3	7
133	Accurate measurement of the dispersion of hollow-core fibers using a scalable technique. Optics Express, 2009, 17, 9006.	3.4	7
134	Experimental measurement of supercontinuum coherence in highly nonlinear soft-glass photonic crystal fibers. Optics Express, 2017, 25, 18842.	3.4	7
135	Negative-Curvature Anti-Resonant Fiber Coupling Tolerances. Journal of Lightwave Technology, 2019, 37, 5548-5554.	4.6	7
136	Silica/Air Photonic Crystal Fibres. Japanese Journal of Applied Physics, 1998, 37, 45.	1.5	7
137	Fabrication of Microchannels in a Nodeless Antiresonant Hollow-Core Fiber Using Femtosecond Laser Pulses. Sensors, 2021, 21, 7591.	3.8	7
138	Optical Frequency Measurement Using Chirped-Mirror-Dispersion-Controlled Mode-Locked Ti:Al2O3Laser. Japanese Journal of Applied Physics, 2006, 45, 5051-5062.	1.5	6
139	Compressing slow solitons. Nature Photonics, 2010, 4, 806-807.	31.4	6
140	Temperature response of an all-solid photonic bandgap fiber for sensing applications. Applied Optics, 2013, 52, 1461.	1.8	6
141	Semi-random multicore fibre design for adaptive multiphoton endoscopy. Optics Express, 2018, 26, 3661.	3.4	6
142	Frequency control of a chirped-mirror-dispersion-controlled mode-locked Ti:Al 2 O 3 laser for comparison between microwave and optical frequencies. , 2001, , .		5
143	Photonic BandGap Fiber With Multiple Hollow Cores. Journal of Lightwave Technology, 2010, 28, 1287-1290.	4.6	5
144	State-of-the-Art Photonic Crystal Fiber. Optics and Photonics News, 2012, 23, 24.	0.5	5

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145	Continuous-Wave 3.1 Î¼m Gas Fiber Laser with 0.47 W Output Power. , 2017, , .		5
146	1064Ânm laser-induced defects in pure SiO_2 fibers. Optics Letters, 2013, 38, 2717.	3.3	4
147	Low loss anti-resonant hollow-core fibers and applications. , 2017, , .		4
148	45W 2 Âµm Nanosecond Pulse Delivery Using Antiresonant Hollow-Core Fiber. , 2018, , .		4
149	Photodarkening mechanisms of Pr³⁺ singly doped and Pr³⁺/Ce³⁺ coâ€doped silicate glasses and fibers. Journal of the American Ceramic Society, 2022, 105, 3291-3302.	3.8	3
150	Temperature-Dependent Group Delay of Photonic-Bandgap Hollow-Core Fiber Tuned by Surface-Mode Coupling. Optics Express, 2022, 30, 222.	3.4	3
151	Photonic sensing based on modulation of propagation properties of Photonic Crystal Fibers. , 2005, , .		2
152	Efficient four wave mixing from a picosecond fibre laser in photonic crystal fibre. , 2009, , .		2
153	Tunable high-energy femtosecond soliton fiber laser based on hollow-core photonic bandgap fiber. , 2009, , .		2
154	Ultrashort Pulse Delivery in Hollow-Core Photonic Bandgap Fiber at 540 nm. , 2010, , .		2
155	Spectral characterization of a photonic bandgap fiber for sensing applications. Applied Optics, 2010, 49, 1870.	2.1	2
156	High peak power nanosecond and picosecond pulse delivery through a hollow-core Negative Curvature Fiber in the green spectral region for micro-machining. , 2014, , .		2
157	Fugitive methane leak detection using mid-infrared hollow-core photonic crystal fiber containing ultrafast laser drilled side-holes. , 2016, , .		2
158	Pulsed and CW Mid-infrared Acetylene Gas Hollow-Core Fiber Laser. , 2016, , .		2
159	Anti-Resonant Hollow Core Fibers. , 2019, , .		2
160	Measurement of capillary core size and taper using whispering-gallery-mode laser emission. Optical Engineering, 1994, 33, 2838.	1.0	1
161	Recent progress in photonic crystal fibers. , 2003, , .		1
162	Simple optical profiling of complex guiding structures. Applied Optics, 2004, 43, 29.	2.1	1

#	Article	IF	Citations
163	<title>Birefringent photonic crystal fiber with square lattice</title>. , 2004, , .		1
164	Visualizing nonlinear dynamics in optical waveguides. , 2005, 5714, 160.		1
165	Hollow-core photonic bandgap fibers with improved performance. , 2008, , .		1
166	Applications of Long Period Gratings in Solid Core Photonic Bandgap Fibers. AIP Conference Proceedings, 2008, , .	0.4	1
167	Tailoring the Nonlinear Response of Hollow-core Photonic Bandgap Fibres. AIP Conference Proceedings, 2008, , .	0.4	1
168	<title>Slow light in optical fiber using stimulated Brillouin scattering</title>. , 2008, , .		1
169	Waveguide induced spectral bandwidth enhancement of slow light group index caused by stimulated Brillouin scattering in optical fiber. , 2008, , .		1
170	What do you see in photonic crystal fibers?. Frontiers of Optoelectronics in China, 2010, 3, 2-8.	0.2	1
171	Out of the Blue and into the Black - Silica Fibers for the Mid-IR. , 2014, , .		1
172	Synchronously Pumped Mid-IR Hollow Core Fiber Gas Laser. , 2015, , .		1
173	Low-Loss Anti-Resonant Hollow-Core Fibers with Single-Mode Performance. , 2016, , .		1
174	Line-tunable CW Lasing of Mid-infrared Acetylene Gas Hollow Core Fiber Laser. , 2016, , .		1
175	Useful Light from Photonic Crystal Fibres. , 2016, , .		1
176	A hollow-core Negative Curvature Fibre for efficient delivery of NIR picosecond and femtosecond pulses for precision micro-machining. , 2013, , .		1
177	Hollow-core Fiber Gas Lasers. , 2015, , .		1
178	Ultrahigh-resolution optical coherence tomography in the visible and 1300-nm wavelength region. , 2003, 5140, 51.		0
179	Photonic-crystal fibers for dispersion compensation in short-pulse fiber laser sources: design algorithms and dispersion characterization. , 2007, , .		0
180	Control of surface modes in hollow-core bandgap fibers. , 2008, , .		0

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181	Ultrafast optical parametric oscillators for spectroscopy. , 2009, , .		0
182	Optical fiber-based devices and applications. Frontiers of Optoelectronics in China, 2010, 3, 1-1.	0.2	0
183	Coupling efficiency and transmission through hollow-core photonic bandgap fibers. Proceedings of SPIE, 2010, , .	0.8	0
184	2.04 μm light generation from a Ti:Sapphire laser using a Photonic Crystal Fiber with low OH loss. , 2011, , .		0
185	Flexible delivery of Er:YAG radiation at 2.94 Î¼m with novel hollow-core silica glass fibres: demonstration of tissue ablation. , 2013, , .		0
186	Limits of Hollow Core Negative Curvature Fiber. , 2013, , .		0
187	Highly birefringent multicore optical fibers. , 2014, , .		0
188	High-power femtosecond fiber lasers based on self-similar pulse evolution. Proceedings of SPIE, 2014, , .	0.8	0
189	Hollow core fibers for optically pumped mid-IR fiber lasers. , 2015, , .		0
190	2-micron Pulse compression using gas-filled negative curvature hollow-core fiber. , 2017, , .		0
191	Gas filled hollow core mid-IR fibre lasers. , 2017, , .		0
192	Photonic crystal fibers: where from, where to?. , 2018, , .		0
193	Developing Novel Fibres for Endoscopic Imaging and Sensing. , 2019, , .		0
194	Pulse dynamics in polarization-maintaining photonic crystal fibers. Springer Series in Chemical Physics, 2003, , 244-246.	0.2	0
195	Delivery of high energy light through pbg fiber for laser machining. , 2004, , .		0
196	Phase-stabilized 167 MHz Repetition Frequency Carbon Nanotube Fiber Laser Frequency Comb. , 2009, , .		0
197	Solving Light Delivery Problems Using Hollow Core Fibers: Where Angels Fear to Tread. , 2012, , .		0
198	1.9 Î¼m Coherent Source Generation in Hydrogen-Filled Hollow Core Fiber by Stimulated Raman Scattering. , 2014, , .		0

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199	High Peak-Power, Narrow Linewidth, 1.5 Î¼m Fiber Gas Source Generation by Stimulated Raman Scattering of Ethane. , 2016, , .		0
200	World-Beating Performance from Hollow Core Fibers. , 2018, , .		0