Philip Russell

List of Publications by Year in descending order

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755 papers	49,753 citations	2215 99 h-index	2078 204 g-index
762 all docs	762 docs citations	762 times ranked	13582 citing authors

#	Article	IF	Citations
1	Stimulated Brillouin scattering in chiral photonic crystal fiber. Photonics Research, 2022, 10, 711.	7.0	19
2	Backward jet propulsion of particles by femtosecond pulses in hollow-core photonic crystal fiber. Optica, 2022, 9, 268.	9.3	2
3	Kalman Filter assisted Tracking of Microparticles in Hollow-Core Photonic Crystal Fibers for Sensor Applications. , 2022, , .		0
4	Tunable and state-preserving frequency conversion of single photons in hydrogen. Science, 2022, 376, 621-624.	12.6	15
5	Roadmap on multimode photonics. Journal of Optics (United Kingdom), 2022, 24, 083001.	2.2	27
6	High-brightness CEP-stable light source with coverage from 340 nm to 40,000 nm. , 2022, , .		0
7	Seven-octave high-brightness and carrier-envelope-phase-stable light source. Nature Photonics, 2021, 15, 277-280.	31.4	57
8	Optofluidic Photonic Crystal Fiber Microreactors for In Situ Studies of Carbon Nanodot-Driven Photoreduction. Analytical Chemistry, 2021, 93, 895-901.	6.5	13
9	Mid-IR supercontinua in dispersion-engineered As2S3-silica nanospike waveguides pumped by fs pulses at 2.8 Î¼m. , 2021, , .		0
10	Cross-phase modulational instability of circularly polarized helical Bloch modes carrying optical vortices in a chiral three-core photonic crystal fiber. Optics Letters, 2021, 46, 174.	3.3	5
11	Post-recombination effects in confined gases photoionized at megahertz repetition rates. Optics Express, 2021, 29, 4842.	3.4	9
12	Frenetâ€“Serret analysis of helical Bloch modes in N-fold rotationally symmetric rings of coupled spiraling optical waveguides. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1173.	2.1	15
13	Broadband mid-infrared supercontinuum generation in dispersion-engineered As₂S₃-silica nanospike waveguides pumped by 2.8â€‰â€‰Î¼m femtosecond laser. Photonics Research, 2021, 9, 630.	7.0	14
14	Efficient self-compression of ultrashort near-UV pulses in air-filled hollow-core photonic crystal fibers. Optics Express, 2021, 29, 13787.	3.4	14
15	Doppler optical frequency domain reflectometry for remote fiber sensing. Optics Express, 2021, 29, 14615.	3.4	5
16	Broadband single-shot interferometric retrieval of spectral phase and amplitude. , 2021, , .		0
17	Quantum-Correlation-Preserving Single-Photon Conversion by Molecular Modulation in Gas-filled Hollow-Core Fibres. , 2021, , .		0
18	UV Extension of Supercontinuum via Tapered Single-ring PCF. , 2021, , .		1

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19	Gas Mixtures to Suppress Thermal Buildup Effects Caused by High-Repetition-Rate Photoionization of Confined Gases. , 2021, , .		0
20	Femtosecond laser micromachining and rocket propulsion of micro-particles optically trapped in hollow-core photonic crystal fibre. , 2021, , .		0
21	Synthesis and dissociation of soliton molecules in parallel optical-soliton reactors. Light: Science and Applications, 2021, 10, 120.	16.6	34
22	Soliton-effect self-compression: limits and high repetition rate scaling. , 2021, , .		0
23	Towards CEP-stable single-cycle pulses with microjoule-level energy at 8 MHz repetition rate. , 2021, , .		0
24	Scaling rules for high quality soliton self-compression in hollow-core fibers. Optics Express, 2021, 29, 19147.	3.4	23
25	Importance of Topological Charge Preservation in Vectorial Modulational Instability in Chiral Three-Core PCF. , 2021, , .		0
26	Doppler optical frequency domain reflectometry for remote fiber sensing: erratum. Optics Express, 2021, 29, 24193.	3.4	3
27	Tumbling and anomalous alignment of optically levitated anisotropic microparticles in chiral hollow-core photonic crystal fiber. Science Advances, 2021, 7, .	10.3	13
28	Reconfigurable millimeter-range optical binding of dielectric microparticles in hollow-core photonic crystal fiber. Optics Letters, 2021, 46, 3909.	3.3	2
29	Deep-UV-enhanced supercontinuum generated in a tapered gas-filled photonic crystal fiber. Optics Letters, 2021, 46, 4526.	3.3	5
30	Twist and strain tuning of third harmonic generation in glass nanostrand with two sub-wavelength hollow channels. Optics Letters, 2021, 46, 5288.	3.3	0
31	Optical signatures of the coupled spin-mechanics of a levitated magnetic microparticle. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 3858.	2.1	6
32	Position Measurement of Multiple Microparticles in Hollow- Core Photonic Crystal Fiber by Coherent Optical Frequency Domain Reflectometry. , 2021, , .		0
33	Optoacoustic mode-locking based on micro-core photonic crystal fibre. , 2021, , .		0
34	Seven-octave Ultra-bright Pulse Generation. , 2021, , .		1
35	Optical Vortex Brillouin Laser in Chiral Photonic Crystal Fiber. , 2021, , .		1
36	340 - 40,000 nm coherent light source. , 2021, , .		0

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37	Narrowband Vacuum Ultraviolet Light via Cooperative Raman Scattering in Dual-Pumped Gas-Filled Photonic Crystal Fiber. ACS Photonics, 2020, 7, 1989-1993.	6.6	3
38	Three-photon head-mounted microscope for imaging deep cortical layers in freely moving rats. Nature Methods, 2020, 17, 509-513.	19.0	88
39	Thermally tunable whispering-gallery mode cavities for magneto-optics. Applied Physics Letters, 2020, 116, .	3.3	5
40	Bragg reflection and conversion between helical Bloch modes in chiral three-core photonic crystal fiber. Journal of Lightwave Technology, 2020, , 1-1.	4.6	4
41	In-Situ Raman Spectroscopy of Reaction Products in Optofluidic Hollow-Core Fiber Microreactors l'? 17. , 2020, , .		2
42	Sub-40â€‰â€‰fs pulses at 1.8â€‰â€‰Âµm and MHz repetition rates by chirp-assisted Raman scattering in hydrogen-filled hollow-core fiber. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 3550.	2.1	18
43	Efficient single-cycle pulse compression of an ytterbium fiber laser at 10â€…MHz repetition rate. Optics Express, 2020, 28, 9099.	3.4	40
44	Covariance spectroscopy of molecular gases using fs pulse bursts created by modulational instability in gas-filled hollow-core fiber. Optics Express, 2020, 28, 34328.	3.4	2
45	Robust excitation and Raman conversion of guided vortices in a chiral gas-filled photonic crystal fiber. Optics Letters, 2020, 45, 1766.	3.3	7
46	Modulational-instability-free pulse compression in anti-resonant hollow-core photonic crystal fiber. Optics Letters, 2020, 45, 4044.	3.3	6
47	Sub-two-cycle octave-spanning mid-infrared fiber laser. Optica, 2020, 7, 574.	9.3	44
48	Optomechanical cooling and self-stabilization of a waveguide coupled to a whispering-gallery-mode resonator. Photonics Research, 2020, 8, 844.	7.0	10
49	Spectral Broadening of Femtosecond UV Pulses in Air-filled Hollow-Core Photonic Crystal Fiber. , 2020, , .		0
50	Phase-locking of multiple acoustic resonances by intense optomechanical interactions in a soliton fiber laser. , 2020, , .		0
51	Raman frequency conversion between guided vortex modes in twisted gas-filled photonic crystal fibers. , 2020, , .		0
52	Narrowband VUV Light by Molecular Modulation in Dual- Pumped H2-filled Hollow-Core Photonic Crystal Fiber. , 2020, , .		0
53	Buildup of Post-Recombination Refractive Index Changes in Krypton Photoionized at High Repetition Rates. , 2020, , .		0
54	Controlled Synthesis and Dissociation of Soliton Molecules Using Parallel Reactors in Optomechanical Lattice. , 2020, , .		0

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55	Gas-Pressure-Tunable Photon-Pair Generation in Sub-Micron Suspended-Core Fibres. , 2020, , .		0
56	Cross-phase Modulational Instability of Vortex Modes in a Twisted Three-Core Photonic Crystal Fibre. , 2020, , .		1
57	On-the-Fly Particle Metrology in Hollow-Core Photonic Crystal fiber. , 2020, , .		0
58	Supercontinuum Generation with Circularly Polarized Vortex Modes in a Chiral Three-Core PCF. , 2020, , .		1
59	Single-Cycle Pulse Compression at 10 MHz Repetition Rate in Gas-Filled Hollow-Core Photonic Crystal Fiber. , 2020, , .		1
60	Generation of 15 cycle pulses at 780 nm at oscillator repetition rates with stable carrier-envelope phase. Optics Express, 2019, 27, 24105.	3.4	4
61	Optically Addressable Array of Optomechanically Compliant Glass Nanospikes on the Endface of a Soft-Glass Photonic Crystal Fiber. ACS Photonics, 2019, 6, 2942-2948.	6.6	4
62	Influence of Different Gases on Ionisation-Induced Refractive Index Changes in Gas-Filled Hollow-Core PCF. , 2019, , .		0
63	Reconstruction of Guided Helical Bloch Modes in Twisted Coreless Photonic Crystal Fibre using Bessel Beams. , 2019, , .		0
64	Photoreduction in Optofluidic Hollow-Core Photonic Crystal Fiber. , 2019, , .		0
65	Inter-Pulse Dynamics at High Repetition Rates by Femtosecond Ionization in Gas-Filled Fibres. , 2019, , .		1
66	CEP-Stable Generation of Close to Single-Cycle and Ultrashort UV Pulses at 800 kHz Repetition Rate using a Gas-Filled Hollow-Core PCF. , 2019, , .		0
67	Fabrication and Characterization of Tapered Single-Ring Hollow-Core Photonic Crystal Fibre. , 2019, , .		1
68	Rapid and Accurate Calculation of Vector Photonic Band-Structure in Regular Arrays of Coupled Waveguides. , 2019, , .		0
69	Towards 45 Watt Single-Cycle Pulses from Yb:YAG Thin-Disk Oscillators. , 2019, , .		1
70	Route from single-pulse to multi-pulse states in a mid-infrared soliton fiber laser. Optics Express, 2019, 27, 26392.	3.4	11
71	Fabrication and non-destructive characterization of tapered single-ring hollow-core photonic crystal fiber. APL Photonics, 2019, 4, .	5.7	24
72	Polarization-Tailored Raman Frequency Conversion in Chiral Gas-Filled Hollow-Core Photonic Crystal Fibers. Physical Review Letters, 2019, 122, 143902.	7.8	8

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73	High-Precision Localization of Trapped Microparticles inside Hollow-Core Photonic Crystal Fibers using Coherent Optical Frequency Domain Reflectometry. , 2019, , .		1
74	Vector Helical Bloch Modes in N-Fold Rotationally Symmetric Waveguiding Structures: Spin and Azimuthal Order. , 2019, , .		0
75	Continuous Counting and Sizing of Airborne Nanoparticles using Hollow-Core Photonic Crystal Fibres. , 2019, , .		0
76	Non-Invasive Real-Time Characterization of Hollow-Core Photonic Crystal Fibres using Whispering Gallery Mode Spectroscopy. , 2019, , .		1
77	Sustained Self-Starting Orbital Motion of a Glass-Fiber â€œNanoengineâ€•Driven by Photophoretic Forces. ACS Photonics, 2019, 6, 3315-3320.	6.6	2
78	Pump-Probe Study of Plasma Dynamics in Gas-Filled Photonic Crystal Fiber Using Counterpropagating Solitons. Physical Review Applied, 2019, 12, .	3.8	3
79	Formation of optical supramolecular structures in a fibre laser by tailoring long-range soliton interactions. Nature Communications, 2019, 10, 5756.	12.8	69
80	Spatio-temporal measurement of ionization-induced modal index changes in gas-filled PCF by prism-assisted side-coupling. Optics Express, 2019, 27, 14392.	3.4	6
81	Non-invasive real-time characterization of hollow-core photonic crystal fibers using whispering gallery mode spectroscopy. Optics Express, 2019, 27, 30842.	3.4	9
82	On-the-fly particle metrology in hollow-core photonic crystal fibre. Optics Express, 2019, 27, 34496.	3.4	18
83	Direct characterization of tuneable few-femtosecond dispersive-wave pulses in the deep UV. Optics Letters, 2019, 44, 731.	3.3	28
84	Pulse-repetition-rate tuning of a harmonically mode-locked fiber laser using a tapered photonic crystal fiber. Optics Letters, 2019, 44, 1580.	3.3	18
85	Pump-probe multi-species CARS in a hollow-core PCF with a 20â€‰â€‰ppm detection limit under ambient conditions. Optics Letters, 2019, 44, 2486.	3.3	4
86	Generation of broadband circularly polarized supercontinuum light in twisted photonic crystal fibers. Optics Letters, 2019, 44, 3964.	3.3	17
87	Carrier-envelope-phase-stable soliton-based pulse compression to 44â€‰â€‰fs and ultraviolet generation at the 800â€‰â€‰kHz repetition rate. Optics Letters, 2019, 44, 5005.	3.3	12
88	Full-field characterization of helical Bloch modes guided in twisted coreless photonic crystal fiber. Optics Letters, 2019, 44, 5049.	3.3	7
89	Highly efficient deep UV generation by four-wave mixing in gas-filled hollow-core photonic crystal fiber. Optics Letters, 2019, 44, 5509.	3.3	24
90	Thresholdless deep and vacuum ultraviolet Raman frequency conversion in hydrogen-filled photonic crystal fiber. Optica, 2019, 6, 731.	9.3	15

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91	Bragg reflection and conversion between helical Bloch modes in twisted three-core optical fiber. , 2019, , .		1
92	Highly Efficient Thresholdless Ultraviolet Frequency Conversion in H2-filled Photonic Crystal Fibers. , 2019, , .		0
93	Spatio-temporal Measurement of Ionization-induced Modal Index Evolution in Gas-filled Hollow-core Photonic Crystal Fiber. , 2019, , .		0
94	The Curious Properties of Twisted Photonic Crystal Fibers. , 2019, , .		0
95	Gas-pressure tunable photon-pair generation in a suspended core fiber. , 2019, , .		0
96	Dispersion engineering of Schott-SF6 photonic crystal fibres for nonlinear applications in the infrared. , 2019, , .		0
97	Optical traps and anti-traps for glass nanoplates in hollow waveguides. Optics Express, 2019, 27, 17708.	3.4	1
98	Continuous counting, sizing and refractive index measurement of airborne particles in hollow-core photonic crystal fibre. , 2019, , .		0
99	UV Soliton Dynamics and Raman-Enhanced Supercontinuum Generation in Photonic Crystal Fiber. ACS Photonics, 2018, 5, 2426-2430.	6.6	25
100	Highly Sensitive Luminescence Detection of Photosensitized Singlet Oxygen within Photonic Crystal Fibers. ChemPhotoChem, 2018, 2, 616-621.	3.0	8
101	Control of ultrafast pulses in a hydrogen-filled hollow-core photonic-crystal fiber by Raman coherence. Physical Review A, 2018, 97, .	2.5	19
102	Three-dimensional holographic optical manipulation through a high-numerical-aperture soft-glass multimode fibre. Nature Photonics, 2018, 12, 33-39.	31.4	121
103	Long-Lived Refractive-Index Changes Induced by Femtosecond Ionization in Gas-Filled Single-Ring Photonic-Crystal Fibers. Physical Review Applied, 2018, 10, .	3.8	25
104	Holographic Optical Tweezers at the Tip of a Needle. , 2018, , .		1
105	Broadband and tunable time-resolved THz system using argon-filled hollow-core photonic crystal fiber. APL Photonics, 2018, 3, .	5.7	22
106	Stable Immobilization of Sizeâ€Controlled Bimetallic Nanoparticles in Photonic Crystal Fiber Microreactor. Chemie-Ingenieur-Technik, 2018, 90, 653-659.	0.8	8
107	Long-range optical trapping and binding of microparticles in hollow-core photonic crystal fibre. Light: Science and Applications, 2018, 7, 22.	16.6	40
108	Dispersion tuning in sub-micron tapers for third-harmonic and photon triplet generation. Optics Letters, 2018, 43, 2320.	3.3	15

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109	Effect of anti-crossings with cladding resonances on ultrafast nonlinear dynamics in gas-filled photonic crystal fibers. Photonics Research, 2018, 6, 84.	7.0	67
110	Flying particle microlaser and temperature sensor in hollow-core photonic crystal fiber. Optics Letters, 2018, 43, 1479.	3.3	34
111	Dominance of backward stimulated Raman scattering in gas-filled hollow-core photonic crystal fibers. Optica, 2018, 5, 570.	9.3	8
112	Whispering-Gallery-Mode Temperature Sensing with Flying Dye-Doped Particle in Hollow-Core PCF. , 2018, , .		0
113	Frequency-Tunable THz Source Using Ar-Filled HC-PCF Pulse Shaper. , 2018, , .		0
114	Excitation of higher-order modes in optofluidic photonic crystal fiber. Optics Express, 2018, 26, 30245.	3.4	15
115	Strong circular dichroism for the HE₁₁ mode in twisted single-ring hollow-core photonic crystal fiber. Optica, 2018, 5, 1315.	9.3	42
116	Pulse fragmentation and multi-soliton states in mid-infrared mode-locked fiber laser. , 2018, , .		0
117	Plasma-Mediated Interactions Between Counter-Propagating Solitons in Gas-Filled Hollow-Core Photonic Crystal Fiber. , 2018, , .		0
118	Recent Developments in Photonic Crystal Fibres. , 2018, , .		0
119	Tapered photonic crystal fiber for wide repetition rate tuning of optoacoustically mode-locked fiber laser. , 2018, , .		0
120	Recent advances in fabrication and applications of nanostructured soft-glass optical fibres. , 2018, , .		1
121	Effects of anti-crossings with cladding resonances on soliton dynamics in gas-filled PCFs. , 2018, , .		0
122	Soliton Self-Compression and Raman-Enhanced Supercontinuum Generation in the Ultraviolet. , 2018, , .		0
123	Chiral Stimulated Raman Scattering and Pressure-tunable Polarization in Twisted Hollow-core PCF. , 2018, , .		0
124	Stable GHz-rate Mode-locking of Fiber Lasers Using Optoacoustic Interactions in Photonic Crystal Fibers. , 2018, , .		1
125	Photochemistry in a soft-glass single-ring hollow-core photonic crystal fibre. Analyst, The, 2017, 142, 925-929.	3.5	35
126	Broadband, Lensless, and Optomechanically Stabilized Coupling into Microfluidic Hollow-Core Photonic Crystal Fiber Using Glass Nanospike. ACS Photonics, 2017, 4, 378-383.	6.6	14

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127	Helically twisted photonic crystal fibres. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20150440.	3.4	98
128	Universality of Coherent Raman Gain Suppression in Gas-Filled Broadband-Guiding Photonic Crystal Fibers. Physical Review Applied, 2017, 7, .	3.8	14
129	Mid-infrared dispersive wave generation in gas-filled photonic crystal fibre by transient ionization-driven changes in dispersion. Nature Communications, 2017, 8, 813.	12.8	51
130	Rapid screening of photoactivatable metallodrugs: photonic crystal fibre microflow reactor coupled to ESI mass spectrometry. RSC Advances, 2017, 7, 37340-37348.	3.6	5
131	Fresnel-Reflection-Free Self-Aligning Nanospike Interface between a Step-Index Fiber and a Hollow-Core Photonic-Crystal-Fiber Gas Cell. Physical Review Applied, 2017, 8, .	3.8	16
132	Extremely broadband single-shot cross-correlation frequency-resolved optical gating using a transient grating as gate and dispersive element. Review of Scientific Instruments, 2017, 88, 073106.	1.3	3
133	PHz-Wide Spectral Interference Through Coherent Plasma-Induced Fission of Higher-Order Solitons. Physical Review Letters, 2017, 118, 263902.	7.8	21
134	Characterization and shaping of the time-frequency Schmidt mode spectrum of bright twin beams generated in gas-filled hollow-core photonic crystal fibers. Physical Review A, 2017, 95, .	2.5	24
135	The multifaceted world of photonic crystal fibres. , 2017, , .		0
136	Coherent control of flexural vibrations in dual-nanoweb fibers using phase-modulated two-frequency light. Physical Review A, 2017, 96, .	2.5	6
137	Enhanced Control of Transient Raman Scattering Using Buffered Hydrogen in Hollow-Core Photonic Crystal Fibers. Physical Review Letters, 2017, 119, 253903.	7.8	16
138	Soft-glass photonic crystal fibers: From advanced fabrication techniques to novel applications. , 2017, , .		1
139	Analytical formulation of bend-loss sensitivity in single-ring hollow-core photonic crystal fibres. , 2017, , .		1
140	Single-circular-polarisation twisted single-ring hollow-core PCF. , 2017, , .		0
141	Multi-soliton bound states in fibre laser harmonically mode-locked at GHz-rates by optoacoustic effects in PCF. , 2017, , .		0
142	High resolution position measurement of â€œflying particlesâ€•inside hollow-core photonic crystal fiber. , 2017, , .		0
143	High average power and single-cycle pulses from a mid-IR optical parametric chirped pulse amplifier. Optica, 2017, 4, 1024.	9.3	165
144	Generation of broadband mid-IR and UV light in gas-filled single-ring hollow-core PCF. Optics Express, 2017, 25, 7637.	3.4	65

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145	Generation of spectral clusters in a mixture of noble and Raman-active gases: publisherâ€™s note. Optics Letters, 2017, 42, 522.	3.3	0
146	Generation of microjoule pulses in the deep ultraviolet at megahertz repetition rates. Optica, 2017, 4, 1272.	9.3	84
147	Analytical formulation for the bend loss in single-ring hollow-core photonic crystal fibers. Photonics Research, 2017, 5, 88.	7.0	64
148	Monitoring the Wobbe Index of Natural Gas Using Fiber-Enhanced Raman Spectroscopy. Sensors, 2017, 17, 2714.	3.8	28
149	Excitation of modes in twisted single-ring PCF by prism-grating-coupling. , 2017, , .		0
150	Coherent control of flexural vibrations in dual-nanoweb fibre using phase-modulated two-colour CW laser light. , 2017, , .		0
151	Higher-order mode suppression in twisted single-ring hollow-core photonic crystal fibers. Optics Letters, 2017, 42, 2074.	3.3	29
152	Broadband high-resolution multi-species CARS in gas-filled hollow-core photonic crystal fiber. Optics Letters, 2017, 42, 3283.	3.3	17
153	Dissipative optomechanical cooling of a glass-fiber nanospike coupled to a bottle resonator. Proceedings of Meetings on Acoustics, 2017, , .	0.3	0
154	Continuously wavelength-tunable high harmonic generation via soliton dynamics. Optics Letters, 2017, 42, 1768.	3.3	17
155	Effect of stray fields on Rydberg states in hollow-core PCF probed by higher-order modes. Optics Letters, 2017, 42, 3271.	3.3	11
156	Broadband Optomechanically Stabilized Coupling to Liquid-Filled Hollow-Core Fiber Using Silica Nanospike. , 2017, , .		1
157	Photonic crystal fibers for generating three-photon states. , 2017, , .		0
158	Single-cycle, 9.6-W, mid-IR pulses via soliton selfcompression from a 21-W OPCPA at 3.25 Î¼m and 160 kHz. , 2017, , .		0
159	Femtosecond Micro-J Pulses in the Deep UV at MHz Repetition Rates. , 2017, , .		0
160	Supercontinuum generation in ZBLAN glass photonic crystal fiber with six nanobore cores. Optics Letters, 2016, 41, 4245.	3.3	36
161	Single-shot reconstruction of spectral amplitude and phase in a fiber ring cavity at a 80â€‰â€‰MHz repetition rate. Optics Letters, 2016, 41, 4641.	3.3	7
162	Hybrid photonic-crystal fiber for single-mode phase matched generation of third harmonic and photon triplets. Optica, 2016, 3, 952.	9.3	40

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163	Sub-100-fs 187â€‰â€‰GHz mode-locked fiber laser using stretched-soliton effects. Optica, 2016, 3, 1366.	9.3	51
164	Generation of spectral clusters in a mixture of noble and Raman-active gases. Optics Letters, 2016, 41, 5543.	3.3	9
165	Frequency Modes of Ultrafast Pumped, High-Gain Modulational Instability: Chirp Tuning & Characterization. , 2016, , .		0
166	Near-ionization-threshold emission in atomic gases driven by intense sub-cycle pulses. New Journal of Physics, 2016, 18, 023018.	2.9	3
167	Resolving the mystery of milliwatt-threshold opto-mechanical self-oscillation in dual-nanoweb fiber. APL Photonics, 2016, 1, .	5.7	27
168	Soft glass microstructured fibers and their applications. , 2016, , .		3
169	Tapered Glass-Fiber Microspike: High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Q</mml:mi></mml:mrow></mml:math>Flexural Wave Resonator and Optically Driven Knudsen Pump. Physical Review Letters, 2016, 117, 273901.	7.8	16
170	Fluorescence-based remote irradiation sensor in liquid-filled hollow-core photonic crystal fiber. Applied Physics Letters, 2016, 108, 231107.	3.3	19
171	Current sensing using circularly birefringent twisted solid-core photonic crystal fiber. Optics Letters, 2016, 41, 1672.	3.3	33
172	Broadband robustly single-mode hollow-core PCF by resonant filtering of higher-order modes. Optics Letters, 2016, 41, 1961.	3.3	222
173	Reducing losses in solid-core photonic crystal fibers using chlorine dehydration. Optical Materials Express, 2016, 6, 2975.	3.0	3
174	Optically driven self-oscillations of a silica nanospike at low gas pressures. , 2016, , .		0
175	Broadband electric-field-induced LP_01 and LP_02 second harmonic generation in Xe-filled hollow-core PCF. Optics Letters, 2016, 41, 3795.	3.3	17
176	Coherent octave-spanning mid-infrared supercontinuum generated in As_2S_3-silica double-nanospike waveguide pumped by femtosecond Cr:ZnS laser. Optics Express, 2016, 24, 12406.	3.4	27
177	Twist-induced guidance in coreless photonic crystal fiber: A helical channel for light. Science Advances, 2016, 2, e1601421.	10.3	62
178	Long-range optical binding in a hollow-core photonic crystal fiber using higher order modes. , 2016, , .		0
179	RF-dressed Rydberg atoms in hollow-core fibres. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 134005.	1.5	18
180	Generation of a vacuum ultraviolet to visible Raman frequency comb in H_2-filled kagomÃ© photonic crystal fiber. Optics Letters, 2016, 41, 2811.	3.3	22

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181	All-optical bit storage in a fibre laser by optomechanically bound states of solitons. Nature Photonics, 2016, 10, 454-458.	31.4	163
182	High-resolution wavefront shaping with a photonic crystal fiber for multimode fiber imaging. Optics Letters, 2016, 41, 497.	3.3	51
183	Self-alignment of glass fiber nanospike by optomechanical back-action in hollow-core photonic crystal fiber. Optica, 2016, 3, 277.	9.3	39
184	Fluorescence-based Flying-particle Sensor in Liquid- filled Hollow-core Photonic Crystal Fiber. , 2016, , .		1
185	Twist-Tuning of Higher-Order Mode Suppression in Single-Ring Hollow-Core Photonic Crystal Fibers. , 2016, , .		3
186	Gigahertz-repetition-rate Tm-doped fiber laser passively mode-locked by optoacoustic effects in nanobore photonic crystal fiber. Optics Letters, 2016, 41, 4601.	3.3	27
187	Characterization of few-fs deep-UV dispersive waves by ultra-broadband transient-grating XFROG. Optics Letters, 2016, 41, 5535.	3.3	20
188	Twin Beams from Noble Gas Filled KagomÃ©-PCF. , 2016, , .		0
189	Supercontinuum generation in microstructured ZBLAN fibre with six nanobore cores. , 2016, , .		0
190	Generation of DUV/VUV Raman Frequency Comb via Molecular Modulation in a H2-filled KagomÃ©-PCF. , 2016, , .		0
191	Frequency modes of ultrafast twin beams generated by high-gainmodulational instability in a gas-filled hollow-core PCF. , 2016, , .		0
192	Coherent Raman Gain Suppression in a Gas-Filled Hollow-Core PCF Pumped in the Deep Ultraviolet. , 2016, , .		1
193	A Quarter Century of Photonic Crystal Fibre. , 2016, , .		0
194	Sub-100 fs pulses from Er-fiber laser passively mode-locked at 1.872 GHz by acoustic resonance in solid-core PCF. , 2016, , .		0
195	Quasi-phase-matched electric-field-induced second-harmonic in gas-filled hollow-core PCF. , 2016, , .		0
196	Photoionization-Induced Emission of Mid-IR Dispersive Waves in Gas-Filled Photonic Crystal Fibers. , 2016, , .		0
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