Sergei Kobtsev

List of Publications by Year
in descending order

186	3,155	159585 30	168389 53
papers	citations	h-index	g-index

187	187	187	1590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation of double-scale femto/pico-second optical lumps in mode-locked fiber lasers. Optics Express, 2009, 17, 20707.	3.4	244
2	Machine learning and applications in ultrafast photonics. Nature Photonics, 2021, 15, 91-101.	31.4	219
3	Ultra-low repetition rate mode-locked fiber laser with high-energy pulses. Optics Express, 2008, 16, 21936.	3.4	202
4	Optical spectral broadening and supercontinuum generation in telecom applications. Optical Fiber Technology, 2006, 12, 122-147.	2.7	188
5	Three key regimes of single pulse generation per round trip of all-normal-dispersion fiber lasers mode-locked with nonlinear polarization rotation. Optics Express, 2012, 20, 27447.	3.4	146
6	Stochasticity, periodicity and localized light structures in partially mode-locked fibre lasers. Nature Communications, 2015, 6, 7004.	12.8	116
7	Modelling of high-power supercontinuum generation in highly nonlinear, dispersion shifted fibers at CW pump. Optics Express, 2005, 13, 6912.	3.4	114
8	Carbon nanotubes for ultrafast fibre lasers. Nanophotonics, 2017, 6, 1-30.	6.0	107
9	Efficiency of non-linear frequency conversion of double-scale pico-femtosecond pulses of passively mode-locked fiber laser. Optics Express, 2014, 22, 1058.	3.4	87
10	Generation of 1.7-Î¼J pulses at 1.55 Î¼m by a self-mode-locked all-fiber laser with a kilometers-long linear-ringcavity. Laser Physics Letters, 2010, 7, 661-665.	1.4	79
11	Spectrum-, pulsewidth-, and wavelength-switchable all-fiber mode-locked Yb laser with fiber based birefringent filter. Optics Express, 2012, 20, 17797.	3.4	75
12	Cascaded SRS of single- and double-scale fiber laser pulses in long extra-cavity fiber. Optics Express, 2014, 22, 20770.	3.4	63
13	All-fiber high-energy supercontinuum pulse generator. Laser Physics, 2010, 20, 375-378.	1.2	60
14	Ionic Liquid Gated Carbon Nanotube Saturable Absorber for Switchable Pulse Generation. Nano Letters, 2019, 19, 5836-5843.	9.1	60
15	High-energy mode-locked all-fiber laser with ultralong resonator. Laser Physics, 2010, 20, 351-356.	1.2	57
16	Automatic electronic-controlled mode locking self-start in fibre lasers with non-linear polarisation evolution. Optics Express, 2013, 21, 20626.	3.4	49
17	Mode-locked long fibre master oscillator with intra-cavity power management and pulse energy > 12 ÂµJ. Optics Express, 2016, 24, 6650.	3.4	48
18	Mode-locked Yb-fiber laser with saturable absorber based on carbon nanotubes. Laser Physics, 2011, 21, 283-286.	1.2	45

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19	Mode-locked fiber lasers with significant variability of generation regimes. Optical Fiber Technology, 2014, 20, 615-620.	2.7	44
20	Ultrafast all-fibre laser mode-locked by polymer-free carbon nanotube film. Optics Express, 2016, 24, 28768.	3.4	43
21	Fiber lasers mode-locked due to nonlinear polarization evolution: Golden mean of cavity length. Laser Physics, 2011, 21, 272-276.	1.2	42
22	High average power mode-locked figure-eight Yb fibre master oscillator. Optics Express, 2014, 22, 31379.	3.4	40
23	Machine Learning Methods for Control of Fibre Lasers with Double Gain Nonlinear Loop Mirror. Scientific Reports, 2019, 9, 2916.	3.3	40
24	Layout of NALM fiber laser with adjustable peak power of generated pulses. Optics Letters, 2017, 42, 1732.	3.3	40
25	Gamma-shaped long-cavity normal-dispersion mode-locked Er-fiber laser for sub-nanosecond high-energy pulsed generation. Laser Physics Letters, 2012, 9, 59-67.	1.4	37
26	Artificial saturable absorbers for ultrafast fibre lasers. Optical Fiber Technology, 2022, 68, 102764.	2.7	36
27	Coherent properties of super-continuum containing clearly defined solitons. Optics Express, 2006, 14, 3968.	3.4	35
28	Long-term frequency stabilization of a continuous-wave tunable laser with the help of a precision wavelengthmeter. Applied Optics, 2007, 46, 5840.	2.1	33
29	Femtosecond 78-nm Tunable Er:Fibre Laser Based on Drop-Shaped Resonator Topology. Journal of Lightwave Technology, 2019, 37, 1359-1363.	4.6	31
30	Coherent, polarization and temporal properties of self-frequency shifted solitons generated in polarization-maintaining microstructured fibre. Applied Physics B: Lasers and Optics, 2005, 81, 265-269.	2.2	30
31	Dual-pump Raman amplification with increased flatness using modulation instability. Optics Express, 2005, 13, 1079.	3.4	30
32	All-fiber Raman supercontinuum generator. Laser Physics, 2010, 20, 372-374.	1.2	30
33	Influence of noise amplification on generation of regular short pulse trains in optical fibre pumped by intensity-modulated CW radiation. Optics Express, 2008, 16, 7428.	3.4	28
34	Machine learning-based pulse characterization in figure-eight mode-locked lasers. Optics Letters, 2019, 44, 3410.	3.3	26
35	Synchronously pumped picosecond all-fibre Raman laser based on phosphorus-doped silica fibre. Optics Express, 2015, 23, 18548.	3.4	25
36	High-energy Q-switched fiber laser based on the side-pumped active fiber. Laser Physics, 2008, 18, 1230-1233.	1.2	21

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37	Generation of dissipative solitons in an actively mode-locked ultralong fibre laser. Quantum Electronics, 2013, 43, 95-98.	1.0	21
38	Transient processes under dynamic excitation of a coherent population trapping resonance. Quantum Electronics, 2016, 46, 668-671.	1.0	19
39	Generation of harmonics and supercontinuum in nematic liquid crystals. Quantum Electronics, 2013, 43, 107-113.	1.0	17
40	Linear compression of chirped pulses in optical fibre with large step-index mode area. Optics Express, 2015, 23, 3914.	3.4	17
41	Single- and multi-soliton generation in figure-eight mode-locked fibre laser with two active media. Optics and Laser Technology, 2020, 131, 106422.	4.6	16
42	Raman-converted high-energy double-scale pulses at 1270 nm in P2O5-doped silica fiber. Optics Express, 2018, 26, 29867.	3.4	16
43	Triggering of different pulsed regimes in fiber cavity laser by a waveguide electro-optic switch. Optics Express, 2020, 28, 14922.	3.4	16
44	Temporal structure of a supercontinuum generated under pulsed and CW pumping. Laser Physics, 2008, 18, 1260-1263.	1.2	14
45	Femtosecond Er laser system based on side-coupled fibers. Laser Physics, 2010, 20, 341-343.	1.2	14
46	Properties of artificial saturable absorbers based on NALM with two pumped active fibres. Laser Physics Letters, 2018, 15, 125101.	1.4	14
47	Controlling the width of a femtosecond continuum generated in a small-diameter fibre. Quantum Electronics, 2002, 32, 11-13.	1.0	13
48	Atomic clock based on a coherent population trapping resonance in87Rb with improved high-frequency modulation parameters. , 2015, , .		13
49	High-energy femtosecond 1086/543-nm fiber system for nano- and micromachining in transparent materials and on solid surfaces. Laser Physics, 2011, 21, 308-311.	1.2	12
50	Electronic control of different generation regimes in mode-locked all-fibre F8 laser. Laser Physics Letters, 2018, 15, 045102.	1.4	12
51	CPT atomic clock with cold-technology-based vapour cell. Optics and Laser Technology, 2019, 119, 105634.	4.6	12
52	Programmable optical waveform generation in a mode-locked gain-modulated SOA-fiber laser. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 3133.	2.1	12
53	Femtosecond autocorrelator based on a swinging birefringent plate. Quantum Electronics, 2001, 31, 829-833.	1.0	11
54	Simple design method for gain-flattened three-pump Raman amplifiers. Optical and Quantum Electronics, 2007, 39, 213-220.	3.3	11

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55	Wide-spectrally-tunable CW and femtosecond linear fiber lasers with ultrabroadband loop mirrors based on fiber circulators. Laser Physics, 2010, 20, 347-350.	1.2	11
56	Stability properties of an Rb CPT atomic clock with buffer-gas-free cells under dynamic excitation. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2700.	2.1	11
57	Spectral and temporal characteristics of a supercontinuum in tapered optical fibres. Quantum Electronics, 2004, 34, 1107-1115.	1.0	10
58	Ultra-narrow-linewidth combined CW Ti:sapphire/dye laser for atom cooling and high-precision spectroscopy. , 2007, , .		10
59	Femtosecond ring all-fiber Yb laser with combined wavelength-division multiplexer-isolator. Laser Physics, 2010, 20, 344-346.	1.2	10
60	240-GHz continuously frequency-tuneable Nd:YVO_4/LBO laser with two intra-cavity locked etalons. Optics Express, 2015, 23, 27322.	3.4	10
61	Efficiency of different methods of extra-cavity second harmonic generation of continuous wave single-frequency radiation. Applied Optics, 2016, 55, 502.	2.1	10
62	Fiber supercontinuum generator with wavelength-tunable pumping. Laser Physics, 2008, 18, 1257-1259.	1.2	9
63	Fiber supercontinuum generators with dynamically controlled parameters. Laser Physics, 2008, 18, 1264-1267.	1.2	9
64	Spectral broadening of femtosecond pulses in an nonlinear optical fiber amplifier. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 107, 344-346.	0.6	9
65	Different generation regimes of mode-locked all-positive-dispersion all-fiber Yb laser. , 2010, , .		9
66	Feedback-controlled and digitally processed coherent population trapping resonance conversion in87Rb vapour to high-contrast resonant peak. New Journal of Physics, 2017, 19, 043016.	2.9	9
67	Experimental measurement and analytical estimation of the signal gain in an Er-doped fiber. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 227.	2.1	9
68	Generation of a polarised supercontinuum in small-diameter quasi-elliptic fibres. Quantum Electronics, 2003, 33, 1085-1088.	1.0	8
69	Combined cw single-frequency ring dye/Ti:sapphire laser. Quantum Electronics, 2006, 36, 1148-1152.	1.0	8
70	Supercontinuum fiber sources under pulsed and CW pumping. Laser Physics, 2007, 17, 1303-1305.	1.2	8
71	New regime of single-pulse lasing in fibre lasers with mode locking by nonlinear polarisation evolution. Quantum Electronics, 2012, 42, 781-784.	1.0	8
72	SOA fiber laser mode-locked by gain modulation. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2582.	2.1	8

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73	Vector magnetometer based on the effect of coherent population trapping. Applied Optics, 2022, 61, 3604.	1.8	8
74	Variable-wavelength second harmonic generation of CW Yb-fibre laser in partially coupled enhancement cavity. Optics Express, 2014, 22, 7046.	3.4	7
75	Mode-locked fibre lasers with an adjustable drop-shaped cavity. Laser Physics Letters, 2017, 14, 115101.	1.4	7
76	High-energy pulses from all-PM ultra-long Yb-fiber laser mode-locked with quasi-synchronous pumping. Optical Fiber Technology, 2021, 66, 102650.	2.7	7
77	Raman converter of noisy double-scale pulses into coherent pulses. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 2523.	2.1	7
78	Shaping of nanosecond pulses in ytterbium fiber lasers by synchronous sine-wave pump modulation. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 3068.	2.1	7
79	Ultra-wide-tunable fibre source of femto- and picosecond pulses based on intracavity Raman conversion. , 2010, , .		6
80	Double-scale Pulses Generated by Mode-locked Fibre Lasers and Their Applications. , 0, , .		6
81	Modelling of noise-like pulses generated in fibre lasers. , 2016, , .		6
82	Electronically controlled generation of laser pulse patterns in a synchronously pumped mode-locked semiconductor optical amplifier-fiber laser. Laser Physics Letters, 2019, 16, 115103.	1.4	6
83	All-polarisation-maintaining modified figure-of-8 fibre laser as a source of soliton molecules. Laser Physics Letters, 2020, 17, 085101.	1.4	6
84	Fibre Raman amplifier pumped by continuous-spectrum radiation. Quantum Electronics, 2004, 34, 575-578.	1.0	4
85	Discrete-fibre subpicosecond oscillatorâ€”amplifier based on a Yb:KYW laser. Quantum Electronics, 2007, 37, 993-995.	1.0	4
86	Supercontinuum in Telecom Applications. , 2016, , 371-403.		4
87	Control of the spectral and coherent properties of a supercontinuum with pronounced soliton structures in the spectrum by using phase-modulated femtosecond pump pulses. Quantum Electronics, 2007, 37, 1038-1042.	1.0	3
88	High-energy all-fiber all-positive-dispersion mode-locked ring Yb laser with 8 km optical cavity length. , 2009, , .		3
89	Supercontinuum from single- and double-scale fiber laser pulses in long extra-cavity P2O5-doped silica fiber. , 2015, , .		3
90	Quasi-regenerative mode locking in a compact all-polarisation-maintaining-fibre laser. Quantum Electronics, 2017, 47, 1094-1098.	1.0	3

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91	Cavity topologies of mode-locked fibre lasers: possibilities and prospects. Quantum Electronics, 2018, 48, 1099-1104.	1.0	3
92	Synthesis of periodic and aperiodic arbitrary waveforms in a SOA-fibre laser. , 2020, , .		3
93	<title>Efficient autoscanned single-frequency cw dye laser</title>. , 2001, , .		2
94	New approach to long-term frequency stabilisation of radiation of single-frequency lasers. , 2007, , .		2
95	Fiber supercontinuum generators with an extended set of controlled parameters in real time scale. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 107, 339-343.	0.6	2
96	High-power CW single-frequency Nd:YVO4/LBO laser quasi-continuously tuneable over a wide frequency range. , 2014, , .		2
97	Extent of parameter variability for different pulses from a passively mode-locked fibre laser. Proceedings of SPIE, 2014, , .	0.8	2
98	Simple digital system for tuning and long-term frequency stabilization of a CW Ti:Sapphire laser. Optical Engineering, 2015, 54, 034111.	1.0	2
99	Effect of electromagnetically induced transparency delay generated by dynamic coherent population trapping in Rb vapour. , 2016, , .		2
100	Suppression of light-field shift of CPT resonances in optically dense media. , 2021, , .		2
101	Perspective paper: Can machine learning become a universal method of laser photonics?. Optical Fiber Technology, 2021, 65, 102626.	2.7	2
102	Picosecond laser with passive mode locking and an average power of 1.1 W. Soviet Journal of Quantum Electronics, 1988, 18, 1230-1232.	0.1	1
103	Use of AL307 light-emitting diodes as photodetectors for diagnostics of femtosecond light pulses. Technical Physics Letters, 1998, 24, 28-29.	0.7	1
104	Low gain ripple broadband Raman amplifier with continuous-spectrum pump. , 0, , .		1
105	Silica/air-clad dual-core tapered fiber for polarized supercontinuum generation. , 2003, , .		1
106	<title>Optimization of temporal characteristics of supercontinuum generated in tapered air-clad fibers</title>. , 2004, , .		1
107	Raman gain flattening by using pump sources with different linewidths. Quantum Electronics, 2004, 34, 1054-1056.	1.0	1
108	Resonant doubler with a 2-THz automatic quasi-smooth scan range for widely tunable CW single-frequency lasers. , 2007, , .		1

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109	<title>Efficient second-harmonic generation of CW radiation in an external optical cavity using non-linear crystal BIBO</title>. , 2007, , .		1
110	<title>Effect of phase modulation of femtosecond pump pulses on the spectral and coherence properties of super-continuum with strongly pronounced soliton structures in its spectrum</title>. , 2007, , .		1
111	<title>Combined CW ring single-frequency Ti:sapphire/dye laser for atom cooling and high-precision spectroscopy</title>. , 2007, , .		1
112	High-resolution laser spectrometer for fundamental and applied research. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 844-847.	0.6	1
113	Long-term frequency stabilisation of a CW single-frequency laser using a high-precision wavelength meter. Proceedings of SPIE, 2008, , .	0.8	1
114	CW- and pulse-pumped fiber super-continuum generators. , 2008, , .		1
115	Hybrid bulk/fibre MOPA system based on Yb:KYW laser. Proceedings of SPIE, 2008, , .	0.8	1
116	All-fiber supercontinuum generator with high-energy pulses. , 2009, , .		1
117	High-energy pulsed fibre laser based on a two-fibre assembly. Quantum Electronics, 2009, 39, 417-420.	1.0	1
118	Supercontinuum generators with CW and pulsed pump: temporal structure and dynamic control of parameters. , 2009, , .		1
119	Wide-autoscanned narrow-line tunable system based on CW Ti:Sapphire/dye laser for high-precision experiments in nanophysics. Proceedings of SPIE, 2009, , .	0.8	1
120	Powerful narrow-line source of blue light for laser cooling Yb/Er and Dysprosium atoms. , 2010, , .		1
121	Self-start of passively mode-locked ring fibre oscillator as a function of pump power. Proceedings of SPIE, 2014, , .	0.8	1
122	Feedback enhancement of the amplitude of dynamically excited coherent population trapping resonance in Rb vapour. Proceedings of SPIE, 2016, , .	0.8	1
123	Switchable dual-pulse-shape mode-locked figure-eight all-PM fibre master oscillator with 0.5 W-level average output. , 2016, , .		1
124	Mode locking of a fibre laser with a matrix-less carbon nanotube film. , 2017, , .		1
125	All-PM Fibre Laser with Switchable Pulsed Regimes Driven by Electrochemically Gated Carbon Nanotube Saturable Absorber. , 2019, , .		1
126	Highly sensitive compact optical magnetometer on the basis of an atomic clock. , 2021, , .		1

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127	Method of laser pulse amplification. , 2021, , .		1
128	Towards the â€œdream pulsed laserâ€• Optics and Laser Technology, 2021, 142, 107253.	4.6	1
129	Method of characterizing the multicomponent spectrum of a VCSEL in devices based on the CPT effect. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 3533.	2.1	1
130	Atomic clock stability under dynamic excitation of coherent population trapping resonance in cells without buffer gas. , 2018, , .		1
131	New topologies of femtosecond Er:fibre laser cavities. , 2018, , .		1
132	Coherence automatic adjustment of the optical pulses inside mode-lock fiber laser cavity. , 2018, , .		1
133	Fibre Raman laser generated clusters of femtosecond pulses at 1270 nm. , 2019, , .		1
134	Features of a CPT-based atomic clock with pumping by different-order sidebands of a VCSEL's frequency. , 2019, , .		1
135	Possibilities and limitations of electronic control over radiation parameters of all-fibre mode-locked lasers. , 2020, , .		1
136	Exploiting hysteresis effect for electronic adjusting of fiber mode-locked laser. , 2020, , .		1
137	<title>Single-frequency stabilized dye jet laser pumped with a Cu-vapor laser through a fiber</title>. , 2001, , .		0
138	Spectrum of an anti-Stokes Raman ion laser in Î›-schemes with various level parameters. Quantum Electronics, 2002, 32, 455-459.	1.0	0
139	Soliton self-frequency shift in the air-clad tapered fiber. , 0, , .		0
140	Gain-flattened wideband Raman amplifier with broad-linewidth pumps approximating continuous-spectrum pump. , 0, , .		0
141	Dual-pump Raman amplification with enhanced flatness using modulation instability. , 0, , .		0
142	Supercontinuum generation in highly nonlinear optical fibers using Cr:Forsterite laser. , 0, , .		0
143	<title>Efficient resonant doubler of CW tunable single-frequency radiation with a 1-THz automatic quasi-smooth scan range</title>. , 2007, , .		0
144	Q-switched hybrid MOPA laser system based on Yb fibre with side pumping by single source. , 2009, , .		0

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145	Key Regimes of Single-Pulse Generation of Fiber Lasers Mode-Locked due to Non-linear Polarization Evolution. , 2012, , .		0
146	Nonlinear spectral transformation of partially coherent pulses of mode-locked fiber laser. , 2013, , .		0
147	CW Yb-fibre laser with wavelength-variable efficient intracavity frequency doubling in partially coupled enhancement cavity. , 2014, , .		0
148	High-average-output power mode-locked figure-eight all-fibre Yb master oscillator. , 2015, , .		0
149	Fibre amplifying loop mirror with nonlinearity independent of the intensity of intra-cavity radiation. Proceedings of SPIE, 2016, , .	0.8	0
150	RF spectral analysis for characterisation of mode-locked regimes in fibre lasers. , 2016, , .		0
151	New method for enhancement of contrast of coherent population trapping resonance in Rb vapour. , 2017, , .		0
152	Precision Measurements of Forbidden Transition Frequencies Using Stimulated Raman Scattering. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2018, 125, 679-683.	0.6	0
153	Experimental study of phenomenological model of Yb fiber amplifier. , 2018, , .		0
154	Multi-regimes electronically controlled all-fibre PM ANDI F8 laser. , 2018, , .		0
155	Wavelength-tunable drop-shaped-cavity mode-locked Er-fiber laser. , 2018, , .		0
156	About measuring the forbidden 1S-2S transition frequency of a hydrogen atom by stimulated Raman scattering. AIP Conference Proceedings, 2019, , .	0.4	0
157	Properties of Rb CPT Atomic Clock at Subharmonic Microwave Modulation Frequencies. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	0
158	Control of Nonlinear Optical Properties of the Carbon Nanotubes Saturable Absorber with Electrochemical Gating. , 2019, , .		0
159	Raman-Free Switching between Dissipative Soliton Resonances in Fiber Figure of Eight Laser. , 2019, , .		0
160	Quartz optical cells with alkali-metal vapour for aerospace. IOP Conference Series: Materials Science and Engineering, 2020, 734, 012025.	0.6	0
161	New approach to mode locking of high-energy-pulse fibre lasers. , 2021, , .		0
162	Arbitrary Waveform Generation by Cavity Dumping of Hybrid Fibre Laser with Two Active Media. , 2021, , .		0

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163	Dual-core air-clad fiber for supercontinuum polarization control. , 2004, , .		0
164	Supercontinuum in telecom applications. , 2017, , .		0
165	Mode-locked NALM-based fibre laser with controllable operation regimes. , 2018, , .		0
166	Modified nonlinear amplifying loop mirror for mode-locked fibre oscillators with record-high energy and high-average-power pulsed output. , 2018, , .		0
167	Tunable powerful UV laser system with UV noise eater. , 2018, , .		0
168	Topological engineering of mode-locked fibre lasers: NALM/NALM2 technologies. , 2018, , .		0
169	Topologically optimised mode-locked Er:fibre laser with record wide tunability of femtosecond pulses. , 2018, , .		0
170	New generation regimes in mode-locked fibre lasers with controllable radiation intensity distribution along the cavity. , 2018, , .		0
171	Hybrid SOA/fibre topology for actively mode-locked laser with extended pulse-shaping capability. , 2019, , .		0
172	Raman transformation properties of partially coherent laser pulses in phosphorus-doped silica fibre. , 2019, , .		0
173	Mode-locked fibre laser with e-controlled cavity length in ultra-wide range. , 2019, , .		0
174	New method of wavelength stabilisation in CPT atomic clocks. , 2019, , .		0
175	Nearly arbitrary pulse shaping in mode-locked gain-modulated SOA-fibre laser. , 2019, , .		0
176	Electro-optically gated in-line saturable absorbers for fibre lasers. , 2019, , .		0
177	CPT-based atomic clock with Rb vapour cell fabricated by direct optical bonding. , 2019, , .		0
178	Control of sub-pulse duration in noise-like structures. , 2020, , .		0
179	Mechanisms of conversion of noise-like laser pulses into coherent pulses. , 2020, , .		0
180	Physical fundamentals electronic control over generation properties of all-fibre mode-locked lasers. , 2020, , .		0

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181	Spectral enhancement of ps pulses in phosphor-silicate Raman oscillator. , 2020, , .		0
182	Mapping of the pulse states of a fiber laser with ionic liquid gated carbon nanotube saturable absorber. , 2020, , .		0
183	Designing of a fiber mode-locked laser cavity by stochastic optimization algorithm. , 2020, , .		0
184	Sensors for photonic devices. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0
185	Properties of supercontinuum formed from different chaotic bunches. , 2022, , .		0
186	Supercontinuum Generation in Cascaded Raman Conversion. , 2021, , .		0