

Sergei Kobtsev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4128895/publications.pdf>

Version: 2024-02-01

186
papers

3,155
citations

159585

30
h-index

168389

53
g-index

187
all docs

187
docs citations

187
times ranked

1590
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial saturable absorbers for ultrafast fibre lasers. <i>Optical Fiber Technology</i> , 2022, 68, 102764.	2.7	36
2	Sensors for photonic devices. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	3.3	0
3	Properties of supercontinuum formed from different chaotic bunches. , 2022, , .		0
4	Vector magnetometer based on the effect of coherent population trapping. <i>Applied Optics</i> , 2022, 61, 3604.	1.8	8
5	Machine learning and applications in ultrafast photonics. <i>Nature Photonics</i> , 2021, 15, 91-101.	31.4	219
6	New approach to mode locking of high-energy-pulse fibre lasers. , 2021, , .		0
7	Highly sensitive compact optical magnetometer on the basis of an atomic clock. , 2021, , .		1
8	Arbitrary Waveform Generation by Cavity Dumping of Hybrid Fibre Laser with Two Active Media. , 2021, , .		0
9	Method of laser pulse amplification. , 2021, , .		1
10	Suppression of light-field shift of CPT resonances in optically dense media. , 2021, , .		2
11	Perspective paper: Can machine learning become a universal method of laser photonics?. <i>Optical Fiber Technology</i> , 2021, 65, 102626.	2.7	2
12	Towards the "œdream pulsed laser": <i>Optics and Laser Technology</i> , 2021, 142, 107253.	4.6	1
13	High-energy pulses from all-PM ultra-long Yb-fiber laser mode-locked with quasi-synchronous pumping. <i>Optical Fiber Technology</i> , 2021, 66, 102650.	2.7	7
14	Method of characterizing the multicomponent spectrum of a VCSEL in devices based on the CPT effect. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 3533.	2.1	1
15	Supercontinuum Generation in Cascaded Raman Conversion. , 2021, , .		0
16	Quartz optical cells with alkali-metal vapour for aerospace. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 734, 012025.	0.6	0
17	Single- and multi-soliton generation in figure-eight mode-locked fibre laser with two active media. <i>Optics and Laser Technology</i> , 2020, 131, 106422.	4.6	16
18	All-polarisation-maintaining modified figure-of-8 fibre laser as a source of soliton molecules. <i>Laser Physics Letters</i> , 2020, 17, 085101.	1.4	6

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Triggering of different pulsed regimes in fiber cavity laser by a waveguide electro-optic switch. Optics Express, 2020, 28, 14922.	3.4	16
22	Possibilities and limitations of electronic control over radiation parameters of all-fibre mode-locked lasers. , 2020, , .		1
23	Control of sub-pulse duration in noise-like structures. , 2020, , .		0
24	Mechanisms of conversion of noise-like laser pulses into coherent pulses. , 2020, , .		0
25	Synthesis of periodic and aperiodic arbitrary waveforms in a SOA-fibre laser. , 2020, , .		3
26	Physical fundamentals electronic control over generation properties of all-fibre mode-locked lasers. , 2020, , .		0
27	Spectral enhancement of ps pulses in phosphor-silicate Raman oscillator. , 2020, , .		0
28	Exploiting hysteresis effect for electronic adjusting of fiber mode-locked laser. , 2020, , .		1
29	Mapping of the pulse states of a fiber laser with ionic liquid gated carbon nanotube saturable absorber. , 2020, , .		0
30	Designing of a fiber mode-locked laser cavity by stochastic optimization algorithm. , 2020, , .		0
31	Ionic Liquid Gated Carbon Nanotube Saturable Absorber for Switchable Pulse Generation. Nano Letters, 2019, 19, 5836-5843.	9.1	60
32	About measuring the forbidden 1S-2S transition frequency of a hydrogen atom by stimulated Raman scattering. AIP Conference Proceedings, 2019, , .	0.4	0
33	Properties of Rb CPT Atomic Clock at Subharmonic Microwave Modulation Frequencies. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	0
34	CPT atomic clock with cold-technology-based vapour cell. Optics and Laser Technology, 2019, 119, 105634.	4.6	12
35	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
36	Femtosecond 78-nm Tunable Er:Fibre Laser Based on Drop-Shaped Resonator Topology. Journal of Lightwave Technology, 2019, 37, 1359-1363.	4.6	31

#	ARTICLE	IF	CITATIONS
37	Machine Learning Methods for Control of Fibre Lasers with Double Gain Nonlinear Loop Mirror. Scientific Reports, 2019, 9, 2916.	3.3	40
38	Control of Nonlinear Optical Properties of the Carbon Nanotubes Saturable Absorber with Electrochemical Gating. , 2019, , .		0
39	Raman-Free Switching between Dissipative Soliton Resonances in Fiber Figure of Eight Laser. , 2019, , .		0
40	All-PM Fibre Laser with Switchable Pulsed Regimes Driven by Electrochemically Gated Carbon Nanotube Saturable Absorber. , 2019, , .		1
41	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
42	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
43	Machine learning-based pulse characterization in figure-eight mode-locked lasers. Optics Letters, 2019, 44, 3410.	3.3	26
44	Hybrid SOA/fibre topology for actively mode-locked laser with extended pulse-shaping capability. , 2019, , .		0
45	Fibre Raman laser generated clusters of femtosecond pulses at 1270 nm. , 2019, , .		1
46	Raman transformation properties of partially coherent laser pulses in phosphorus-doped silica fibre. , 2019, , .		0
47	Mode-locked fibre laser with e-controlled cavity length in ultra-wide range. , 2019, , .		0
48	New method of wavelength stabilisation in CPT atomic clocks. , 2019, , .		0
49	Features of a CPT-based atomic clock with pumping by different-order sidebands of a VCSEL's frequency. , 2019, , .		1
50	Nearly arbitrary pulse shaping in mode-locked gain-modulated SOA-fibre laser. , 2019, , .		0
51	Electro-optically gated in-line saturable absorbers for fibre lasers. , 2019, , .		0
52	CPT-based atomic clock with Rb vapour cell fabricated by direct optical bonding. , 2019, , .		0
53	Electronic control of different generation regimes in mode-locked all-fibre F8 laser. Laser Physics Letters, 2018, 15, 045102.	1.4	12
54	Cavity topologies of mode-locked fibre lasers: possibilities and prospects. Quantum Electronics, 2018, 48, 1099-1104.	1.0	3

#	ARTICLE	IF	CITATIONS
55	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
56	SOA fiber laser mode-locked by gain modulation. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2582.	2.1	8
57	Properties of artificial saturable absorbers based on NALM with two pumped active fibres. Laser Physics Letters, 2018, 15, 125101.	1.4	14
58	Experimental study of phenomenological model of Yb fiber amplifier. , 2018, , .		0
59	Multi-regimes electronically controlled all-fibre PM ANDI F8 laser. , 2018, , .		0
60	Wavelength-tunable drop-shaped-cavity mode-locked Er-fiber laser. , 2018, , .		0
61	Raman-converted high-energy double-scale pulses at 1270 nm in P2O5-doped silica fiber. Optics Express, 2018, 26, 29867.	3.4	16
62	Atomic clock stability under dynamic excitation of coherent population trapping resonance in cells without buffer gas. , 2018, , .		1
63	Mode-locked NALM-based fibre laser with controllable operation regimes. , 2018, , .		0
64	Modified nonlinear amplifying loop mirror for mode-locked fibre oscillators with record-high energy and high-average-power pulsed output. , 2018, , .		0
65	New topologies of femtosecond Er:fibre laser cavities. , 2018, , .		1
66	Tunable powerful UV laser system with UV noise eater. , 2018, , .		0
67	Coherence automatic adjustment of the optical pulses inside mode-lock fiber laser cavity. , 2018, , .		1
68	Topological engineering of mode-locked fibre lasers: NALM/NALM2 technologies. , 2018, , .		0
69	Topologically optimised mode-locked Er:fibre laser with record wide tunability of femtosecond pulses. , 2018, , .		0
70	New generation regimes in mode-locked fibre lasers with controllable radiation intensity distribution along the cavity. , 2018, , .		0
71	Carbon nanotubes for ultrafast fibre lasers. Nanophotonics, 2017, 6, 1-30.	6.0	107
72	New method for enhancement of contrast of coherent population trapping resonance in Rb vapour. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
73	Mode locking of a fibre laser with a matrix-less carbon nanotube film. , 2017, , .		1
74	Mode-locked fibre lasers with an adjustable drop-shaped cavity. Laser Physics Letters, 2017, 14, 115101.	1.4	7
75	Feedback-controlled and digitally processed coherent population trapping resonance conversion in ^{87}Rb vapour to high-contrast resonant peak. New Journal of Physics, 2017, 19, 043016.	2.9	9
76	Quasi-regenerative mode locking in a compact all-polarisation-maintaining-fibre laser. Quantum Electronics, 2017, 47, 1094-1098.	1.0	3
77	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
78	Layout of NALM fiber laser with adjustable peak power of generated pulses. Optics Letters, 2017, 42, 1732.	3.3	40
79	Supercontinuum in telecom applications. , 2017, , .		0
80	Ultrafast all-fibre laser mode-locked by polymer-free carbon nanotube film. Optics Express, 2016, 24, 28768.	3.4	43
81	Feedback enhancement of the amplitude of dynamically excited coherent population trapping resonance in Rb vapour. Proceedings of SPIE, 2016, , .	0.8	1
82	Mode-locked long fibre master oscillator with intra-cavity power management and pulse energy $> 12 \text{ } \mu\text{J}$. Optics Express, 2016, 24, 6650.	3.4	48
83	Fibre amplifying loop mirror with nonlinearity independent of the intensity of intra-cavity radiation. Proceedings of SPIE, 2016, , .	0.8	0
84	Transient processes under dynamic excitation of a coherent population trapping resonance. Quantum Electronics, 2016, 46, 668-671.	1.0	19
85	RF spectral analysis for characterisation of mode-locked regimes in fibre lasers. , 2016, , .		0
86	Switchable dual-pulse-shape mode-locked figure-eight all-PM fibre master oscillator with 0.5 W-level average output. , 2016, , .		1
87	Supercontinuum in Telecom Applications. , 2016, , 371-403.		4
88	Efficiency of different methods of extra-cavity second harmonic generation of continuous wave single-frequency radiation. Applied Optics, 2016, 55, 502.	2.1	10
89	Effect of electromagnetically induced transparency delay generated by dynamic coherent population trapping in Rb vapour. , 2016, , .		2
90	Modelling of noise-like pulses generated in fibre lasers. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
91	240-GHz continuously frequency-tuneable Nd:YVO ₄ /LBO laser with two intra-cavity locked etalons. Optics Express, 2015, 23, 27322.	3.4	10
92	Supercontinuum from single- and double-scale fiber laser pulses in long extra-cavity P2O5-doped silica fiber. , 2015, , .		3
93	Linear compression of chirped pulses in optical fibre with large step-index mode area. Optics Express, 2015, 23, 3914.	3.4	17
94	Stochasticity, periodicity and localized light structures in partially mode-locked fibre lasers. Nature Communications, 2015, 6, 7004.	12.8	116
95	Simple digital system for tuning and long-term frequency stabilization of a CW Ti:Sapphire laser. Optical Engineering, 2015, 54, 034111.	1.0	2
96	High-average-output power mode-locked figure-eight all-fibre Yb master oscillator. , 2015, , .		0
97	Atomic clock based on a coherent population trapping resonance in ⁸⁷ Rb with improved high-frequency modulation parameters. , 2015, , .		13
98	Synchronously pumped picosecond all-fibre Raman laser based on phosphorus-doped silica fibre. Optics Express, 2015, 23, 18548.	3.4	25
99	High-power CW single-frequency Nd:YVO ₄ /LBO laser quasi-continuously tuneable over a wide frequency range. , 2014, , .		2
100	CW Yb-fibre laser with wavelength-variable efficient intracavity frequency doubling in partially coupled enhancement cavity. , 2014, , .		0
101	Extent of parameter variability for different pulses from a passively mode-locked fibre laser. Proceedings of SPIE, 2014, , .	0.8	2
102	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
103	Cascaded SRS of single- and double-scale fiber laser pulses in long extra-cavity fiber. Optics Express, 2014, 22, 20770.	3.4	63
104	High average power mode-locked figure-eight Yb fibre master oscillator. Optics Express, 2014, 22, 31379.	3.4	40
105	Self-start of passively mode-locked ring fibre oscillator as a function of pump power. Proceedings of SPIE, 2014, , .	0.8	1
106	Variable-wavelength second harmonic generation of CW Yb-fibre laser in partially coupled enhancement cavity. Optics Express, 2014, 22, 7046.	3.4	7
107	Mode-locked fiber lasers with significant variability of generation regimes. Optical Fiber Technology, 2014, 20, 615-620.	2.7	44
108	Generation of harmonics and supercontinuum in nematic liquid crystals. Quantum Electronics, 2013, 43, 107-113.	1.0	17

#	ARTICLE	IF	CITATIONS
109	Generation of dissipative solitons in an actively mode-locked ultralong fibre laser. Quantum Electronics, 2013, 43, 95-98.	1.0	21
110	Automatic electronic-controlled mode locking self-start in fibre lasers with non-linear polarisation evolution. Optics Express, 2013, 21, 20626.	3.4	49
111	Nonlinear spectral transformation of partially coherent pulses of mode-locked fiber laser. , 2013, , .		0
112	Spectrum-, pulsewidth-, and wavelength-switchable all-fiber mode-locked Yb laser with fiber based birefringent filter. Optics Express, 2012, 20, 17797.	3.4	75
113	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
114	Key Regimes of Single-Pulse Generation of Fiber Lasers Mode-Locked due to Non-linear Polarization Evolution. , 2012, , .		0
115	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
116	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
117	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
118	Fiber lasers mode-locked due to nonlinear polarization evolution: Golden mean of cavity length. Laser Physics, 2011, 21, 272-276.	1.2	42
119	Mode-locked Yb-fiber laser with saturable absorber based on carbon nanotubes. Laser Physics, 2011, 21, 283-286.	1.2	45
120	Ultra-wide-tunable fibre source of femto- and picosecond pulses based on intracavity Raman conversion. , 2010, , .		6
121	Different generation regimes of mode-locked all-positive-dispersion all-fiber Yb laser. , 2010, , .		9
122	Powerful narrow-line source of blue light for laser cooling Yb/Er and Dysprosium atoms. , 2010, , .		1
123	Femtosecond Er laser system based on side-coupled fibers. Laser Physics, 2010, 20, 341-343.	1.2	14
124	Femtosecond ring all-fiber Yb laser with combined wavelength-division multiplexer-isolator. Laser Physics, 2010, 20, 344-346.	1.2	10
125	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
126	High-energy mode-locked all-fiber laser with ultralong resonator. Laser Physics, 2010, 20, 351-356.	1.2	57

#	ARTICLE	IF	CITATIONS
127	All-fiber Raman supercontinuum generator. Laser Physics, 2010, 20, 372-374.	1.2	30
128	All-fiber high-energy supercontinuum pulse generator. Laser Physics, 2010, 20, 375-378.	1.2	60
129	Generation of 1.7- μ s pulses at 1.55 μ m by a self-mode-locked all-fiber laser with a kilometers-long linear-ring-cavity. Laser Physics Letters, 2010, 7, 661-665.	1.4	79
130	High-energy all-fiber all-positive-dispersion mode-locked ring Yb laser with 8 km optical cavity length. , 2009, , .		3
131	All-fiber supercontinuum generator with high-energy pulses. , 2009, , .		1
132	High-energy pulsed fibre laser based on a two-fibre assembly. Quantum Electronics, 2009, 39, 417-420.	1.0	1
133	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
134	Spectral broadening of femtosecond pulses in a nonlinear optical fiber amplifier. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 107, 344-346.	0.6	9
135	Generation of double-scale femto/pico-second optical lumps in mode-locked fiber lasers. Optics Express, 2009, 17, 20707.	3.4	244
136	Supercontinuum generators with CW and pulsed pump: temporal structure and dynamic control of parameters. , 2009, , .		1
137	Q-switched hybrid MOPA laser system based on Yb fibre with side pumping by single source. , 2009, , .		0
138	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
139	High-energy Q-switched fiber laser based on the side-pumped active fiber. Laser Physics, 2008, 18, 1230-1233.	1.2	21
140	Fiber supercontinuum generator with wavelength-tunable pumping. Laser Physics, 2008, 18, 1257-1259.	1.2	9
141	Temporal structure of a supercontinuum generated under pulsed and CW pumping. Laser Physics, 2008, 18, 1260-1263.	1.2	14
142	Fiber supercontinuum generators with dynamically controlled parameters. Laser Physics, 2008, 18, 1264-1267.	1.2	9
143	Long-term frequency stabilisation of a CW single-frequency laser using a high-precision wavelength meter. Proceedings of SPIE, 2008, , .	0.8	1
144	CW- and pulse-pumped fiber super-continuum generators. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
145	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
146	Ultra-low repetition rate mode-locked fiber laser with high-energy pulses. Optics Express, 2008, 16, 21936.	3.4	202
147	Hybrid bulk/fibre MOPA system based on Yb:KYW laser. Proceedings of SPIE, 2008, , .	0.8	1
148	Discrete-fibre subpicosecond oscillator&”amplifier based on a Yb:KYW laser. Quantum Electronics, 2007, 37, 993-995.	1.0	4
149	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
150	Ultra-narrow-linewidth combined CW Ti:sapphire/dye laser for atom cooling and high-precision spectroscopy. , 2007, , .		10
151	Resonant doubler with a 2-THz automatic quasi-smooth scan range for widely tunable CW single-frequency lasers. , 2007, , .		1
152	<title>Efficient second-harmonic generation of CW radiation in an external optical cavity using non-linear crystal BIBO</title>. , 2007, , .		1
153	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
154	<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
155	<title>Combined CW ring single-frequency Ti:sapphire/dye laser for atom cooling and high-precision spectroscopy</title>. , 2007, , .		1
156	<title>Efficient resonant doubler of CW tunable single-frequency radiation with a 1-THz automatic quasi-smooth scan range</title>. , 2007, , .		0
157	New approach to long-term frequency stabilisation of radiation of single-frequency lasers. , 2007, , .		2
158	Supercontinuum fiber sources under pulsed and CW pumping. Laser Physics, 2007, 17, 1303-1305.	1.2	8
159	High-resolution laser spectrometer for fundamental and applied research. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 844-847.	0.6	1
160	Simple design method for gain-flattened three-pump Raman amplifiers. Optical and Quantum Electronics, 2007, 39, 213-220.	3.3	11
161	Coherent properties of super-continuum containing clearly defined solitons. Optics Express, 2006, 14, 3968.	3.4	35
162	Optical spectral broadening and supercontinuum generation in telecom applications. Optical Fiber Technology, 2006, 12, 122-147.	2.7	188

#	ARTICLE	IF	CITATIONS
163	Combined cw single-frequency ring dye/Ti:sapphire laser. Quantum Electronics, 2006, 36, 1148-1152.	1.0	8
164	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
165	Dual-pump Raman amplification with increased flatness using modulation instability. Optics Express, 2005, 13, 1079.	3.4	30
166	Modelling of high-power supercontinuum generation in highly nonlinear, dispersion shifted fibers at CW pump. Optics Express, 2005, 13, 6912.	3.4	114
167	Spectral and temporal characteristics of a supercontinuum in tapered optical fibres. Quantum Electronics, 2004, 34, 1107-1115.	1.0	10
168	Fibre Raman amplifier pumped by continuous-spectrum radiation. Quantum Electronics, 2004, 34, 575-578.	1.0	4
169	<title>Optimization of temporal characteristics of supercontinuum generated in tapered air-clad fibers</title>. , 2004, , .		1
170	Raman gain flattening by using pump sources with different linewidths. Quantum Electronics, 2004, 34, 1054-1056.	1.0	1
171	Dual-core air-clad fiber for supercontinuum polarization control. , 2004, , .		0
172	Silica/air-clad dual-core tapered fiber for polarized supercontinuum generation. , 2003, , .		1
173	Generation of a polarised supercontinuum in small-diameter quasi-elliptic fibres. Quantum Electronics, 2003, 33, 1085-1088.	1.0	8
174	Controlling the width of a femtosecond continuum generated in a small-diameter fibre. Quantum Electronics, 2002, 32, 11-13.	1.0	13
175	Spectrum of an anti-Stokes Raman ion laser in \hat{b} -schemes with various level parameters. Quantum Electronics, 2002, 32, 455-459.	1.0	0
176	<title>Single-frequency stabilized dye jet laser pumped with a Cu-vapor laser through a fiber</title>. , 2001, , .		0
177	Femtosecond autocorrelator based on a swinging birefringent plate. Quantum Electronics, 2001, 31, 829-833.	1.0	11
178	<title>Efficient autoscanned single-frequency cw dye laser</title>. , 2001, , .		2
179	Use of AL307 light-emitting diodes as photodetectors for diagnostics of femtosecond light pulses. Technical Physics Letters, 1998, 24, 28-29.	0.7	1
180	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

#	ARTICLE	IF	CITATIONS
181	Low gain ripple broadband Raman amplifier with continuous-spectrum pump. , 0, , .		1
182	Soliton self-frequency shift in the air-clad tapered fiber. , 0, , .		0
183	Gain-flattened wideband Raman amplifier with broad-linewidth pumps approximating continuous-spectrum pump. , 0, , .		0
184	Dual-pump Raman amplification with enhanced flatness using modulation instability. , 0, , .		0
185	Supercontinuum generation in highly nonlinear optical fibers using Cr:Forsterite laser. , 0, , .		0
186	Double-scale Pulses Generated by Mode-locked Fibre Lasers and Their Applications. , 0, , .		6