

Olivier Pottiez

List of Publications by Year in descending order

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203
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times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Q-switched mode-locking noise-like pulses based on nonlinear polarization rotation in a thulium-doped all-fiber laser. , 2022, , .		0
2	Experimental study of MMI structures in a switchable continuous-wave thulium-doped all-fiber laser. Optics and Laser Technology, 2022, 153, 108231.	2.2	0
3	Real-time characterization of regimes between continuous-wave operation and mode locking in an all-normal dispersion ytterbium-doped fiber ring laser. Laser Physics, 2022, 32, 085103.	0.6	1
4	Supercontinuum source directly from noise-like pulse emission in a Tm-doped all-fiber laser with nonlinear polarization rotation. Results in Optics, 2021, 2, 100040.	0.9	12
5	Numerical study of the fibre dispersion contribution in the pulse propagation problem. European Journal of Physics, 2021, 42, 025303.	0.3	7
6	Multiple mode-locked regimes of an Er/Yb double-clad fiber laser based on NPR. Journal of Optics (United Kingdom), 2021, 23, 045501.	1.0	6
7	Complex dynamics of passively mode-locked fiber lasers with strict polarization control. Suplemento De La Revista Mexicana De F�sica, 2021, 2, 1-10.	0.1	1
8	Embedded split-step methods optimized with a step size control for solving the femtosecond pulse propagation problem in the nonlinear fiber optics formalism. Physica Scripta, 2021, 96, 075502.	1.2	5
9	Tunable synchronized dual-wavelength pulsed operation in an Er/Yb double-clad fiber laser. Laser Physics Letters, 2021, 18, 055101.	0.6	1
10	Multi-wavelength Er�Yb-doped fibre ring laser using a double-pass Mach�Zehnder interferometer with a Sagnac interferometer. Optics and Laser Technology, 2021, 139, 106994.	2.2	17
11	All-POF coupling ratio-imbalanced Sagnac interferometer as a refractive index sensor. Applied Optics, 2021, 60, 7145.	0.9	4
12	Q-switched mode locking noise-like pulse generation from a thulium-doped all-fiber laser based on nonlinear polarization rotation. Results in Optics, 2021, 5, 100115.	0.9	6
13	Numerical study of polarization evolution governed by linear birefringence, twist-induced circular birefringence and nonlinear birefringence in a single-mode optical fiber. Journal of Optics (United) Tj ETQq1 1 0.7843d1 4 rgBT4Overlo	1.0	4
14	Photodecomposition of uric-acid crystals by using a mode-locked and broadband spectrum Ytterbium fiber ring laser. Optics Communications, 2020, 475, 126242.	1.0	1
15	Modelling Neural Dynamics with Optics: A New Approach to Simulate Spiking Neurons through an Asynchronous Laser. Electronics (Switzerland), 2020, 9, 1853.	1.8	1
16	Automated Data Acquisition System Using a Neural Network for Prediction Response in a Mode-Locked Fiber Laser. Electronics (Switzerland), 2020, 9, 1181.	1.8	3
17	Generation of burst pulses through multimodal interference in a passively mode-locked ytterbium fibre-ring laser. Laser Physics Letters, 2020, 17, 065106.	0.6	6
18	Sub-200-kHz single soliton generation in a long ring Er-fiber laser with strict polarization control by using twisted fiber. Optics and Laser Technology, 2020, 126, 106068.	2.2	4

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19	Generation, characterization, and experimental analysis of noise-like pulse envelopes with complex shapes. <i>Applied Optics</i> , 2020, 59, 7027.	0.9	2
20	Experimental evolution of the temporal and spectral profiles of noise-like pulses within the mode-locked regions of a figure-eight fiber laser. <i>Applied Optics</i> , 2020, 59, 11215.	0.9	2
21	Numerical study of the fundamental fiber soliton propagation. <i>Revista Mexicana De Fisica E</i> , 2020, 17, 191-200.	0.2	3
22	Supercontinuum Generation in Er/Yb Doped Amplifier using Dissipative Optical pulses. , 2020, , .		0
23	Incipient mode locking dynamics in an all-normal dispersion ytterbium-doped fiber ring laser. <i>Laser Physics Letters</i> , 2020, 17, 115102.	0.6	2
24	The use of polarization-imbalanced NOLM to improve the quality of the spectrum compression. <i>Optics and Laser Technology</i> , 2019, 120, 105692.	2.2	7
25	Real-time temporal-spectral analysis of complex dynamics involving multiple soliton states in a dual-wavelength passively mode-locked fiber ring laser. <i>Laser Physics</i> , 2019, 29, 115401.	0.6	5
26	Numerical study on nonlinear and chaotic effects in standard fibre using RK4IP method. <i>Results in Physics</i> , 2019, 15, 102613.	2.0	2
27	Numerical Comparative Study of Supercontinuum Generation in Photonic Crystal Fibers Using Noise-Like Pulses and Ultrashort Pulses. <i>IEEE Photonics Journal</i> , 2019, 11, 1-12.	1.0	7
28	A Novel Low-Cost Synchronous/Asynchronous Microcontroller-Based Pulsed Laser. <i>Electronics (Switzerland)</i> , 2019, 8, 489.	1.8	1
29	Polarization mapping of a dual-wavelength passively mode-locked fiber ring laser. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 045504.	1.0	7
30	Characterization of supercontinuum process pumped by amplified dissipative solitons. <i>Physica Scripta</i> , 2019, 94, 105506.	1.2	3
31	Stable Multi-Wavelength Thulium-Doped All-Fiber Laser Incorporating a Multi-Cavity Fabry-Pérot Filter. <i>IEEE Photonics Journal</i> , 2019, 11, 1-7.	1.0	14
32	Numerical study of complex dynamics and extreme events within noise-like pulses from an erbium figure-eight laser. <i>Optics Express</i> , 2019, 27, 37196.	1.7	10
33	Q-switching and mode locking pulse generation from an all-fiber ring laser by intermodal acousto-optic bandpass modulation. <i>Laser Physics</i> , 2019, 29, 015101.	0.6	3
34	Single and dual-wavelength noise-like pulses with different shapes in a double-clad Er/Yb fiber laser. <i>Optics Express</i> , 2019, 27, 12349.	1.7	32
35	Long cavity ring fiber mode-locked laser with decreased net value of nonlinear polarization rotation. <i>Optics Express</i> , 2019, 27, 14030.	1.7	13
36	Simultaneous temporal and spectral analysis of noise-like pulses in a mode-locked figure-eight fiber laser. <i>Optics Express</i> , 2019, 27, 17521.	1.7	11

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37	Experimental study of an in-fiber acousto-optic tunable bandpass filter for single- and dual-wavelength operation in a thulium-doped fiber laser. Optics Express, 2019, 27, 38602.	1.7	19
38	Broadband tuning of a long-cavity all-fiber mode-locked thulium-doped fiber laser using an acousto-optic bandpass filter. Optics Letters, 2019, 44, 4183.	1.7	9
39	Experimental investigation of Q-switched mode-locking pulse emission based on in-fiber acousto-optic modulator. , 2019, , .		0
40	Gain-driven spectral-temporal noise-like pulse dynamics in a passively mode-locked fiber laser. Optics Express, 2019, 27, 34742.	1.7	11
41	Experimental investigation of polarization-imbalanced nonlinear loop mirror with double-sense twisted fiber as a filter to clean up solitons. Journal of Optics (United Kingdom), 2018, 20, 015502.	1.0	19
42	Experimental study of non-stationary operation of a dual-wavelength passively mode-locked fibre ring laser. Laser Physics, 2018, 28, 065103.	0.6	6
43	Dual-wavelength quasi-mode-locked regimes of an Er-doped fiber ring laser. OSA Continuum, 2018, 1, 416.	1.8	10
44	Application of the RK4IP Method for the Numerical Study of Noise-Like Pulses in Supercontinuum Generation. , 2018, , .		1
45	Numerical study of multiple noise-like pulsing in a dispersion-managed figure-eight fibre laser. Laser Physics, 2018, 28, 085108.	0.6	12
46	Actively mode-locked all-fiber laser by 5 MHz transmittance modulation of an acousto-optic tunable bandpass filter. Laser Physics Letters, 2018, 15, 085113.	0.6	12
47	Numerical study of supercontinuum generation using noise-like pulses in standard fibre. Laser Physics, 2018, 28, 095106.	0.6	5
48	Principles of operation of a passively mode-locked fiber ring laser and 3D mapping of ultra-short pulses. Revista Mexicana De Fisica E, 2018, 64, 195-204.	0.2	5
49	Mode-locking Pulse Generation Based on In-fiber Acousto-optic Tunable Bandpass Modulator. , 2018, , .		0
50	Numerical Study of Spatio-Temporal Evolution of Chaotic Effects in the Generation of Broad Spectra. , 2018, , .		0
51	Study of the generation dynamics in a strict polarization-controlled passively mode-locked Er-fiber laser. , 2018, , .		0
52	Dual noise-like pulse and soliton operation of a fiber ring cavity. Journal of Optics (United Kingdom), 2017, 19, 035502.	1.0	16
53	Suppression of noise of soliton pulses using a polarization-imbalanced nonlinear loop mirror. Proceedings of SPIE, 2017, , .	0.8	2
54	Comparative study of supercontinuum generation using standard and high-nonlinearity fibres pumped by noise-like pulses. Laser Physics, 2017, 27, 065107.	0.6	13

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55	Improved All-Fiber Acousto-Optic Tunable Bandpass Filter. IEEE Photonics Technology Letters, 2017, 29, 1015-1018.	1.3	19
56	Q-switching of an all-fiber ring laser based on in-fiber acousto-optic bandpass modulator. Applied Physics B: Lasers and Optics, 2017, 123, 1.	1.1	6
57	Soliton formation from a noise-like pulse during extreme events in a fibre ring laser. Laser Physics Letters, 2017, 14, 105101.	0.6	16
58	Flat supercontinuum generation pumped by amplified noise-like pulses from a figure-eight erbium-doped fiber laser. Laser Physics Letters, 2017, 14, 105104.	0.6	31
59	Elimination of continuous-wave component in a figure-eight fiber laser based on a polarization asymmetrical NOLM. Laser Physics, 2017, 27, 075105.	0.6	4
60	Simultaneous emission of noise-like pulse and solitons from a fiber laser. , 2017, , .		0
61	Initial conditions for dissipative solitons in a strict polarization-controlled passively mode-locked Er-Fiber laser. Optics Express, 2017, 25, 25036.	1.7	25
62	Nonlinear self-polarization of Raman amplified light in fibers. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1644.	0.9	1
63	Generation of flat supercontinuum spectrum pumped by amplified noise-like pulses from a figure-eight fiber laser. , 2017, , .		0
64	Multi-pulse dynamics in a full polarization-controlled passively mode-locked Er-Fiber laser. , 2017, , .		0
65	Self Polarization of Stokes Waves in Twisted Fibers. , 2017, , .		0
66	Polarization evolution of vector wave amplitudes in twisted fibers pumped by single and paired pulses. Optics Letters, 2016, 41, 4927.	1.7	12
67	Active Q-switched Fiber Lasers with Single and Dualwavelength Operation. , 2016, , .		1
68	A temporal insight into the rich dynamics of a figure-eight fibre laser in the noise-like pulsing regime. Laser Physics Letters, 2016, 13, 105106.	0.6	14
69	Statistical characterization of the internal structure of noiselike pulses using a nonlinear optical loop mirror. Optics Communications, 2016, 377, 41-51.	1.0	19
70	Numerical analysis of the supercontinuum spectrum generation in a couple of photonic crystal fibers with different structure by using the RK4IP method. Proceedings of SPIE, 2016, , .	0.8	1
71	Complex dynamics of a fiber laser in non-stationary pulsed operation. Optics Express, 2016, 24, 18917.	1.7	28
72	Flat supercontinuum generation by a F8L in high-energy harmonic noise-like pulsing regime. Laser Physics Letters, 2016, 13, 125104.	0.6	17

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73	High energy noise-like pulsing in a double-clad Er/Yb figure-of-eight fiber laser. Optics Express, 2016, 24, 13778.	1.7	61
74	Polarization study of a supercontinuum light source for different wavelengths through a photonic crystal fiber. , 2016, , .		0
75	Experimental study of a linear cavity dual wavelength Er/Yb double clad fiber laser operating in self-Q-switch, self-pulsing and CW. Proceedings of SPIE, 2016, , .	0.8	2
76	Highly Efficient Self-Q-Switched Erbium-Ytterbium Fiber Laser Operating at High Output Powers. , 2016, , .		1
77	Experimental investigation of a polarization-imbalanced nonlinear loop mirror as a filter to clean up soliton pulses. , 2016, , .		0
78	Polarization Evolution of Vector Wave Pulses in Twisted Fibers Pumped by Single and Coupled Solitons. , 2016, , .		0
79	Characterizing the Statistics of a Bunch of Optical Pulses Using a Nonlinear Optical Loop Mirror. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	2
80	Symmetric nonlinear optical loop using the nonlinear polarization rotation. , 2015, , .		2
81	Polarization-Sensitive NALM for Two-Level Amplitude Regeneration. IEEE Photonics Technology Letters, 2015, 27, 2272-2275.	1.3	1
82	Actively Q-switched dual-wavelength laser with double-cladding Er/Yb-doped fiber using a Hi-Bi Sagnac interferometer. Laser Physics Letters, 2015, 12, 025102.	0.6	18
83	Analysis of a low-cost technique for the generation of broadband spectra with adjustable spectral width in optical fibers. Proceedings of SPIE, 2015, , .	0.8	0
84	Compact wavelength-tunable actively Q-switched fiber laser in CW and pulsed operation based on a fiber Bragg grating. Laser Physics, 2015, 25, 045104.	0.6	5
85	Experimental study of the polarization asymmetrical NOLM with adjustable switch power. Optics Communications, 2015, 350, 165-169.	1.0	10
86	Polarization of vector solitons generated in break-up process in twisted fiber. Optics Communications, 2015, 349, 203-208.	1.0	8
87	Generation of stable high order harmonic noise-like pulses in a passively mode-locked double clad fiber ring laser. , 2015, , .		2
88	Generation and characterization of erbium-Raman noise-like pulses from a figure-eight fibre laser. Laser Physics, 2015, 25, 045106.	0.6	24
89	Self-Q-switched Er/Yb double clad fiber laser with dual wavelength or tunable single wavelength operation by a Sagnac interferometer. Laser Physics, 2015, 25, 075102.	0.6	17
90	Dynamics of noise-like pulsing at sub-ns scale in a passively mode-locked fiber laser. Optics Express, 2015, 23, 18840.	1.7	57

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91	Linear cavity all-fiber dual wavelength actively Q-switched fiber laser with a Sagnac interferometer. Proceedings of SPIE, 2015, , .	0.8	1
92	Dual-wavelength tunable Er/Yb double-clad doped Q-switched fiber laser. , 2015, , .		0
93	Laser line wavelength sensor based in a dual-wavelength fiber laser with a Hi-Bi loop Sagnac interferometer. , 2014, , .		0
94	Observation of a high grade of polarization of solitons generated in the process of pulse breakup in a twisted fiber. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 821.	0.9	12
95	Symmetric Nonlinear Optical Loop Mirror Used as Saturable Absorber in Mode-Locked Fiber Laser. , 2014, , .		0
96	Tunable dual-wavelength actively Q-switched Er/Yb double-clad fiber laser. Laser Physics Letters, 2014, 11, 015102.	0.6	15
97	High-order harmonic noise-like pulsing of a passively mode-locked double-clad Er/Yb fibre ring laser. Laser Physics, 2014, 24, 115103.	0.6	19
98	Two regimes of widely tuneable noise-like pulses from a figure-eight fibre laser. Laser Physics, 2014, 24, 105104.	0.6	2
99	Multiple noise-like pulsing of a figure-eight fibre laser. Laser Physics, 2014, 24, 015103.	0.6	18
100	Fiber laser strain sensor based in the measurement of a Sagnac interferometer optical power spectrum. , 2014, , .		0
101	Ring cavity fiber laser tunable by Sagnac interferometer operation. , 2014, , .		0
102	Experimental study on a broad and flat supercontinuum spectrum generated through a system of two PCFs. Laser Physics Letters, 2013, 10, 075101.	0.6	17
103	Polarization stabilization of vector solitons in circularly birefringent fibers induced by Raman effect. Proceedings of SPIE, 2013, , .	0.8	0
104	Polarization properties of vector solitons generated by modulation instability in circularly birefringent fibers. Proceedings of SPIE, 2013, , .	0.8	1
105	High efficiency, actively Q-switched Er/Yb fiber laser. Optics and Laser Technology, 2013, 48, 182-186.	2.2	15
106	Generation of a spectrum with high flatness and high bandwidth in a short length of telecom fiber using microchip laser. Optics Communications, 2013, 292, 126-130.	1.0	13
107	Multiple continuous-wave and pulsed modes of a figure-of-eight fibre laser. Laser Physics, 2013, 23, 035103.	0.6	12
108	A dual-wavelength tunable laser with superimposed fiber Bragg gratings. Laser Physics, 2013, 23, 055104.	0.6	18

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109	Tunable actively Q-switched fiber laser based on fiber Bragg grating. Proceedings of SPIE, 2013, , .	0.8	0
110	Dual-wavelength fiber laser based on fine adjustment of cavity loss by a fiber optical loop mirror. Proceedings of SPIE, 2013, , .	0.8	0
111	Raman-induced polarization stabilization of vector solitons in circularly birefringent fibers. Optics Express, 2012, 20, 24288.	1.7	14
112	Fabrication of Mach-Zehnder interferometers with conventional fiber optics in detection applications of micro-displacement and liquids. Proceedings of SPIE, 2012, , .	0.8	4
113	Dual-wavelength operation of continuous-wave and mode-locked erbium-doped fiber lasers. Proceedings of SPIE, 2012, , .	0.8	0
114	Supercontinuum generation in standard telecom fiber using picoseconds pulses. Proceedings of SPIE, 2012, , .	0.8	2
115	Investigation of cavity loss adjustment between two wavelengths required for dual-wavelength laser generation. , 2012, , .		1
116	Dual-wavelength operation of a figure-eight fiber laser. Laser Physics, 2012, 22, 1565-1572.	0.6	5
117	Supercontinuum generation in a standard fiber pumped by noise-like pulses from a figure-eight fiber laser. Laser Physics, 2012, 22, 221-226.	0.6	69
118	Numerical analysis of a broadband spectrum generated in a standard fiber by noise-like pulses from a passively mode-locked fiber laser. Optics Communications, 2012, 285, 1915-1919.	1.0	22
119	Theoretical and experimental analysis of tunable Sagnac high-birefringence loop filter for dual-wavelength laser application. Applied Optics, 2011, 50, 253.	2.1	38
120	Adjustable noiselike pulses from a figure-eight fiber laser. Applied Optics, 2011, 50, E24.	2.1	87
121	Tunable dual-wavelength fiber laser based on adjustment of cavity loss by a fiber optic loop mirror. Proceedings of SPIE, 2011, , .	0.8	0
122	The use of the nonlinear optical loop mirror for investigations of pulse breakup in optical fibers. Proceedings of SPIE, 2011, , .	0.8	0
123	Generation of long broadband pulses with a figure-eight fiber laser. Laser Physics, 2011, 21, 1518-1524.	0.6	16
124	Tunable dual-wavelength fiber laser based on a polarization-maintaining fiber Bragg grating and a Hi-Bi fiber optical loop mirror. Laser Physics, 2011, 21, 1932-1935.	0.6	10
125	Wavelength tunable high power laser using a double-clad Er:Yb doped fiber. Laser Physics, 2011, 21, 1936-1940.	0.6	1
126	Study of a figure-eight laser generating noise-like pulses with adjustable characteristics. , 2011, , .		0

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127	A simple tunable and switchable dual-wavelength fiber laser at room temperature. Proceedings of SPIE, 2011, , .	0.8	1
128	Novel figure-eight fiber laser scheme including a power-symmetric nonlinear optical loop mirror with adjustable switching power. , 2010, , .		0
129	Wavelength tunable Er-Yb double-clad fiber laser. Proceedings of SPIE, 2010, , .	0.8	0
130	Raman circuit for all-optical switch. Proceedings of SPIE, 2010, , .	0.8	0
131	The on-off contrast in an all optical switch based on stimulated Raman scattering in optical fibers. Proceedings of SPIE, 2010, , .	0.8	0
132	Extraction of a single soliton from a bunch of solitons generated by pulse breakup. Proceedings of SPIE, 2010, , .	0.8	0
133	Distributed Gires-Tournois etalon-based gain equalizer. , 2010, , .		0
134	Er-Yb double-clad cw tunable fiber laser. Proceedings of SPIE, 2010, , .	0.8	0
135	Switchable and tuneable multi-wavelength Er-doped fibre ring laser using Sagnac filters. Laser Physics, 2010, 20, 720-725.	0.6	17
136	Generation of high-energy pulses from an all-normal-dispersion figure-8 fiber laser. Laser Physics, 2010, 20, 709-715.	0.6	13
137	Fine adjustment of cavity loss by Sagnac loop for a dual wavelength generation. Laser Physics, 2010, 20, 1270-1273.	0.6	31
138	Optical pulse compression and amplitude noise reduction using a non-linear optical loop mirror including a distributed Gires-Tournois etalon. Optics and Laser Technology, 2010, 42, 1103-1111.	2.2	2
139	Tuneable Sagnac comb filter including two wave retarders. Optics and Laser Technology, 2010, 42, 403-408.	2.2	20
140	Experimental investigation of the extraction of solitons at the initial stage of the soliton formation process. Optics Express, 2010, 18, 2090.	1.7	3
141	Pulses with adjustable characteristics from a figure-eight fiber laser. Proceedings of SPIE, 2010, , .	0.8	0
142	10.1007/s11490-008-2011-0. , 2010, 18, 165.		1
143	Extraction of a single soliton from a set of solitons by the use of a nonlinear optical loop mirror. , 2009, , .		0
144	Large amplitude noise reduction in ultrashort pulse trains using a power-symmetric nonlinear optical loop mirror. Optics and Laser Technology, 2009, 41, 384-391.	2.2	6

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145	Theoretical results of the analytical and numerical solutions of superluminescent fiber sources. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, S227.	0.8	2
146	Step-like all-optical decision function using nonlinear polarisation rotation in a Nonlinear Optical Loop Mirror and in a subsequent fibre section with output polarisation selection. <i>Optical Fiber Technology</i> , 2009, 15, 258-265.	1.4	3
147	Large signal-to-noise-ratio enhancement of ultrashort pulsed optical signals using a power-symmetric Nonlinear Optical Loop Mirror with output polarisation selection. <i>Optical Fiber Technology</i> , 2009, 15, 172-180.	1.4	13
148	All-fiber passive mode-locked laser to generate ps pulses based in a symmetrical NOLM. <i>Laser Physics</i> , 2009, 19, 368-370.	0.6	10
149	High-energy pulses from a figure 8 fiber laser with normal net dispersion. <i>Laser Physics</i> , 2009, 19, 371-376.	0.6	7
150	The use of NOLM for investigations of initial development of supercontinuum in fibers with anomalous dispersion. <i>Laser Physics</i> , 2009, 19, 876-880.	0.6	9
151	Soliton extraction from a bunch of solitons resulting from pulse breakup by using a nonlinear optical loop mirror. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, 1456.	0.9	4
152	Effect of control-beam polarization and power on optical time-domain demultiplexing in a new nonlinear optical loop mirror design. <i>Optical Engineering</i> , 2009, 48, 055002.	0.5	2
153	Wavelength-Tunable Figure-Eight Erbium-Doped Fiber Laser with a Sagnac Fiber Filter. , 2009, , .		0
154	Analysis of a polarisation-maintaining NOLM switch for OTDM applications. <i>Optics Communications</i> , 2008, 281, 982-990.	1.0	2
155	Experimental investigation of self-starting operation in a F8L based on a symmetrical NOLM. <i>Optics Communications</i> , 2008, 281, 1226-1232.	1.0	22
156	Optical pulse shaping at moderate power using a twisted-fibre NOLM with single output polarisation selection. <i>Optics Communications</i> , 2008, 281, 1037-1046.	1.0	10
157	Short optical pulse profile characterization using a nonlinear optical loop mirror. <i>Laser Physics</i> , 2008, 18, 165-174.	0.6	2
158	Experimental investigation of a passively mode-locked fiber laser based on a symmetrical NOLM with a highly twisted low-birefringence fiber. <i>Laser Physics</i> , 2008, 18, 914-919.	0.6	13
159	High gain erbium-doped fiber amplifier for the investigation of nonlinear processes in fibers. <i>Optical Fiber Technology</i> , 2008, 14, 237-241.	1.4	7
160	Initial development of supercontinuum in fibers with anomalous dispersion pumped by nanosecond-long pulses. , 2008, , .		0
161	Adjustable, non-sinusoidal transmission characteristics of a NOLM with an output polarizer for ultrafast transmission systems. , 2007, , .		0
162	Self-starting passive mode-locked figure-eight laser using a symmetrical coupler in the loop. , 2007, , .		0

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163	Experimental investigation of a figure-eight fiber laser with a symmetrical NOLM and highly twisted fiber-in-the-loop. , 2007, , .		0
164	High-quality amplitude jitter reduction and extinction enhancement using a power-symmetric NOLM and a polarizer. Optics Express, 2007, 15, 2564.	1.7	11
165	Retrieving Optical Pulse Profiles Using a Nonlinear Optical Loop Mirror. IEEE Photonics Technology Letters, 2007, 19, 1347-1349.	1.3	5
166	Demonstration of sharp switching from a power-symmetric NOLM and a polarizer. Optics Communications, 2007, 271, 543-550.	1.0	2
167	Nonlinear Optical Loop Mirror with a Twisted Fiber and Birefringence Bias. , 2006, , .		0
168	Polarization properties of nonlinear optical loop mirror with twisted fiber and birefringence bias in the loop. , 2006, , .		1
169	Erbium-doped fiber amplifier in a reflective configuration with equalization of 1549.1 NM wavelength using a fiber bragg grating. , 2006, , .		0
170	Figure-Eight Fiber Laser with a Symmetrical NOLM and a Fiber Bragg Grating. , 2006, , .		0
171	Stable nonlinear optical loop mirror switching using polarization rotation. , 2005, , .		0
172	Theoretical investigation of the NOLM with highly twisted fibre and a $\hat{\lambda}/4$ birefringence bias. Optics Communications, 2005, 254, 152-167.	1.0	73
173	Experimental investigation of the nonlinear optical loop mirror with twisted fiber and birefringence bias. Optics Express, 2005, 13, 10760.	1.7	54
174	High-order amplitude regularization of an optical pulse train using a power-symmetric NOLM with adjustable contrast. IEEE Photonics Technology Letters, 2005, 17, 154-156.	1.3	16
175	Polarization properties of the nonlinear optical loop mirror with highly twisted fiber and a $\hat{\lambda}/4$ plate birefringence bias. , 2005, , .		0
176	Easily tuneable nonlinear optical loop mirror including low-birefringence, highly twisted fibre with invariant output polarisation. Optics Communications, 2004, 229, 147-159.	1.0	26
177	Fiber optical loop mirror with a symmetrical coupler and a quarter-wave retarder plate in the loop. Optics Communications, 2004, 242, 191-197.	1.0	27
178	Easily tunable nonlinear optical loop mirror based on polarization asymmetry. Optics Express, 2004, 12, 3878.	1.7	42
179	<title>Experimental investigation of the nonlinear optical loop mirror with highly twisted low-birefringence fiber and a quarter-wave plate</title>. , 2004, , .		0
180	<title>Method for measuring erbium-doped fiber parameters</title>. , 2004, 5622, 873.		1

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181	Experimental demonstration of NOLM switching based on nonlinear polarisation rotation. Electronics Letters, 2004, 40, 892.	0.5	23
182	Mode-locked fiber laser using the Sagnac interferometer and the nonlinear polarization rotation. , 2003, 4974, 26.		0
183	Supermode noise of harmonically mode-locked erbium fiber lasers with composite cavity. IEEE Journal of Quantum Electronics, 2002, 38, 252-259.	1.0	39
184	Experimental study of supermode noise of harmonically mode-locked erbium-doped fibre lasers with composite cavity. Optics Communications, 2002, 202, 161-167.	1.0	5
185	Environmentally induced noises in an actively mode-locked erbium fibre laser operating in the second-order rational harmonic mode locking regime. Optics Communications, 2002, 213, 103-119.	1.0	1
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