Miguel V AndrÃ©s

List of Publications by Year
in descending order

392 papers	6,537 citations	87888 38 h-index	110387 64 g-index
393 all docs	393 docs citations	393 times ranked	3605 citing authors

#	Article	IF	Citations
1	Experimental and theoretical study of the nonlinear birefringence in the formation process of vector solitons in a total polarization control ring cavity bias twist fiber. Optics and Laser Technology, 2022, 147, 107675.	4.6	5
2	High accuracy measurement of Poissonâ€™s ratio of optical fibers and its temperature dependence using forward-stimulated Brillouin scattering. Optics Express, 2022, 30, 42.	3.4	19
3	Low-repetition-rate all-polarization maintaining thulium-doped passively modelocked fiber laser. Optics and Laser Technology, 2022, 149, 107856.	4.6	3
4	Microbubble PhoXonic resonators: Chaos transition and transfer. Chaos, Solitons and Fractals, 2022, 154, 111614.	5.1	3
5	Surface-Impedance Formulation for Hollow-Core Waveguides Based on Subwavelength Gratings. IEEE Access, 2022, 10, 18843-18854.	4.2	1
6	Non-linear resonance in the simplest RLC circuit. European Journal of Physics, 2022, 43, 035204.	0.6	0
7	Strain and temperature measurement discrimination with forward Brillouin scattering in optical fibers. Optics Express, 2022, 30, 14384.	3.4	15
8	Passively Modelocked All-PM Thulium-Doped Fiber Laser at 2.07Î¼m. IEEE Photonics Journal, 2022, 14, 1-5.	2.0	0
9	Conic optical fiber probe for generation and characterization of microbubbles in liquids. Sensors and Actuators A: Physical, 2021, 317, 112441.	4.1	5
10	PhoXonic Whispering Gallery Mode Resonators: parametrical optomechanic oscillations and its applications. , 2021, , .		0
11	BIO bragg gratings on microfibers for label-free biosensing. Biosensors and Bioelectronics, 2021, 176, 112916.	10.1	15
12	Polarization Modulation Instability in Dispersion-Engineered Photonic Crystal Fibers. Crystals, 2021, 11, 365.	2.2	2
13	Measurement of phase and group refractive indices and dispersion of thermo-optic and strain-optic coeffients of optical fibers using weak fiber Bragg gratings. Applied Optics, 2021, 60, 2824.	1.8	3
14	Noise fiber lasers. Suplemento De La Revista Mexicana De FÃsica, 2021, 2, 116-121.	0.3	0
15	Application of WGM Resonances to the Measurement of the Temperature Increment of Ho and Ho-Yb Doped Optical Fibers Pumped at 1125 and 975 nm. Sensors, 2021, 21, 2094.	3.8	3
16	Analysis of whispering gallery modes resonators: wave propagation and energy balance models. Suplemento De La Revista Mexicana De FÃsica, 2021, 2, 81-86.	0.3	1
17	The nonlinear optical loop mirror: soliton and noise-like pulse emission in a figure-eight fiber laser. Suplemento De La Revista Mexicana De FÃsica, 2021, 2, 54-59.	0.3	2
18	General measurement technique of the ratio between chromatic dispersion and the nonlinear coefficient. , 2021, , .		0

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19	Accurate measurement of Poisson ratio in optical fibers based on forward-stimulated Brillouin scattering. , 2021, , .		0
20	Widely Tunable Polarization Modulation Instability in D2O-Filled Microstructured Optical Fiber. , 2021, , .		0
21	BIO-Bragg gratings: structured molecular networks for on-fiber bioanalysis. , 2021, , .		0
22	Polarization properties of a fiber optic loop mirror. Optics and Laser Technology, 2021, 140, 107070.	4.6	1
23	Low repetition rate gain-switched double-clad thulium-doped fiber laser operating in the 2ÂÂµm wavelength region. Optical Fiber Technology, 2021, 66, 102660.	2.7	1
24	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.	2.0	6
25	Monitoring the Growth of a Microbubble Generated Photothermally onto an Optical Fiber by Means Fabryâ€“Perot Interferometry. Sensors, 2021, 21, 628.	3.8	3
26	Inverse photonic-crystal-fiber design through geometrical and material scalings. OSA Continuum, 2021, 4, 55.	1.8	1
27	All Polarization-maintaining Passively Mode-locked Ytterbium-doped Fiber Lasers, Behavior under Two Different Cavity Configurations. Fiber and Integrated Optics, 2020, 39, 240-252.	2.5	1
28	Spectroscopic Properties of Holmium-Aluminum-Germanium Co-doped Silica Fiber. Fiber and Integrated Optics, 2020, 39, 185-202.	2.5	2
29	All polarization-maintaining passively mode-locked fiber-ring ytterbium-doped laser; from net-normal to net-anomalous dispersion. Laser Physics, 2020, 30, 065102.	1.2	1
30	Modeling spectral correlations of photon-pairs generated in liquid-filled photonic crystal fibers. Journal of Optics (United Kingdom), 2020, 22, 075203.	2.2	1
31	Mode cleaning in graphene oxide-doped polymeric whispering gallery mode microresonators. Journal of Materials Chemistry C, 2020, 8, 9707-9713.	5.5	7
32	Coexistence of Quasi-CW and SBS-Boosted Self-Q-Switched Pulsing in Ytterbium-Doped Fiber Laser With Low Q-Factor Cavity. Journal of Lightwave Technology, 2020, 38, 3751-3758.	4.6	10
33	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.	4.6	4
34	Measurement of the soliton number in guiding media through continuum generation. Optics Letters, 2020, 45, 4432.	3.3	9
35	Broadband tuning of polarization modulation instability in microstructured optical fibers. Optics Letters, 2020, 45, 4891.	3.3	5
36	Measurement of the strain-optic coefficients of PMMA from 800 to 2000 nm. OSA Continuum, 2020, 3, 441.	1.8	4

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37	Measurement of the Electrostriction-Induced Refractive Index Modulation Using Long Period Fiber Gratings. , 2020, , .		0
38	Broadband Tuning of Polarization Modulation Instability in Microstructured Optical Fiber through Thermal Heating. , 2020, , .		0
39	PON Monitoring Technique Based on 2D Encoders and Wavelength-to-Time Mapping. , 2020, , .		0
40	Noise pulsesâ€™ statistics in CW ytterbium-doped fiber laser and its effect on self-phase modulation. , 2020, , .		0
41	Efficient interrogation method of forward Brillouin scattering in optical fibers using a narrow bandwidth long-period grating. Optics Letters, 2020, 45, 5331.	3.3	13
42	Polarization Modulation Instability in All-Normal Dispersion Microstructured Optical Fibers with Quasi-Continuous 1064 nm Pump. , 2019, , .		0
43	Polarization Modulation Instability in All-Normal Dispersion Microstructured Optical Fibers With Quasi-Continuous Pump. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	7
44	Ytterbium-doped fiber laser as pulsed source of narrowband amplified spontaneous emission. Scientific Reports, 2019, 9, 13073.	3.3	12
45	Tunable Four-Wave Mixing Light Source Based on Photonic Crystal Fibers With Variable Chromatic Dispersion. Journal of Lightwave Technology, 2019, 37, 5722-5726.	4.6	9
46	Parametrical Optomechanical Oscillations in PhoXonic Whispering Gallery Mode Resonators. Scientific Reports, 2019, 9, 7163.	3.3	12
47	Fiber Characterization Using Whispering Gallery Modes(Invited). , 2019, , .		0
48	Whispering Gallery Modes for Accurate Characterization of Optical Fibersâ€™ Parameters. , 2019, , .		1
49	Polarization Modulation Instability in All-Normal Dispersion Microstructured Optical Fibers with sub-ns Pumping. , 2019, , .		0
50	Optomechanical Oscillations in Microbubble Resonators: Enhancement, Suppression and Chaotic Behaviour. , 2019, , .		0
51	All Polarization-Maintaining Passively Mode-Locked Yb-Doped Fiber Laser: Pulse Compression Using an Anomalous Polarization-Maintaining Photonic Crystal Fiber. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	5
52	In-Fiber Acousto-Optics for the Broadband Measurement of the UV-Induced Refractive Index Change in Photosensitive Fibers. , 2019, , .		0
53	Q-switching and mode locking pulse generation from an all-fiber ring laser by intermodal acousto-optic bandpass modulation. Laser Physics, 2019, 29, 015101.	1.2	3
54	ASE narrow-band noise pulsing in erbium-doped fiber amplifier and its effect on self-phase modulation. Optics Express, 2019, 27, 8520.	3.4	6

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55	Long cavity ring fiber mode-locked laser with decreased net value of nonlinear polarization rotation. Optics Express, 2019, 27, 14030.	3.4	13
56	High-speed and high-resolution interrogation of FBG sensors using wavelength-to-time mapping and Gaussian filters. Optics Express, 2019, 27, 36815.	3.4	15
57	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.	3.4	19
58	Unrestricted generation of pure two-qubit states and entanglement diagnosis by single-qubit tomography. Optics Letters, 2019, 44, 3310.	3.3	2
59	Single-mode Bragg gratings in tapered few-mode and multimode fibers. Optics Letters, 2019, 44, 4024.	3.3	8
60	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.	3.3	9
61	Parametrical optomechanical oscillations in microbubble resonators: Suppression and enhancement of nonlinear phenomena (Conference Presentation). , 2019, , .		0
62	Sensitivity characterization of in-fiber acousto-optic interaction. , 2019, , .		0
63	Highly Efficient Holmium-Doped All-Fiber âˆ¼2.07-Î¼m Laser Pumped by Ytterbium-Doped Fiber Laser at âˆ¼1.13 Î¼m. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	12
64	In-Fiber Fractional Signal Processing: Recent Results and Applications. , 2018, , .		0
65	Analog Photonic Fractional Signal Processing. Progress in Optics, 2018, 63, 93-178.	0.6	8
66	Development and analysis of a model based on chirped fiber Bragg gratings employed for cracks characterization in materials. Optics Communications, 2018, 426, 401-409.	2.1	3
67	Actively mode-locked all-fiber laser by 5 MHz transmittance modulation of an acousto-optic tunable bandpass filter. Laser Physics Letters, 2018, 15, 085113.	1.4	12
68	An approach to the measurement of the nonlinear refractive index of very short lengths of optical fibers. Applied Physics Letters, 2018, 113, .	3.3	8
69	Tunable dual-wavelength operation of an all-fiber thulium-doped fiber laser based on tunable fiber Bragg gratings. Journal of Optics (United Kingdom), 2018, 20, 085702.	2.2	17
70	Measurement of UV-induced absorption and scattering losses in photosensitive fibers. Optics Letters, 2018, 43, 2897.	3.3	10
71	Features of narrow-band ASE noise pulsing. , 2018, , .		0
72	Kerr Effect in Long Period Gratings with a Pump and Probe Technique. , 2018, , .		0

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73	Theoretical and Experimental Study of Polarization Modulation Instability in All-Normal Dispersion Photonic Crystal Fibers. , 2018, , .		0
74	Fiber Sensitivity Characterization near the Turning Point of the Acousto-Optic Interaction. , 2018, , .		1
75	Innovative 2D nanomaterial integrated fiber optic sensors for biochemical applications. , 2018, , .		0
76	Design of All-Normal Dispersion Microstructured Optical Fiber on Silica Platform for Generation of Pulse-Preserving Supercontinuum Under Excitation at 1550 nm. Journal of Lightwave Technology, 2017, 35, 3772-3779.	4.6	14
77	Suppression of noise of soliton pulses using a polarization-imbalanced nonlinear loop mirror. Proceedings of SPIE, 2017, , .	0.8	2
78	Femtosecond laser fabrication of highâ€<scp>Q</scp> whispering gallery mode microresonators via twoâ€photon polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 569-574.	2.1	18
79	Improved All-Fiber Acousto-Optic Tunable Bandpass Filter. IEEE Photonics Technology Letters, 2017, 29, 1015-1018.	2.5	19
80	Tunable Dual-Wavelength Thulium-Doped Fiber Laser Based on FBGs and a Hi-Bi FOLM. IEEE Photonics Technology Letters, 2017, 29, 1820-1823.	2.5	32
81	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.	2.2	6
82	Flat supercontinuum generation pumped by amplified noise-like pulses from a figure-eight erbium-doped fiber laser. Laser Physics Letters, 2017, 14, 105104.	1.4	31
83	Oligonucleotide-Hybridization Fiber-Optic Biosensor Using a Narrow Bandwidth Long Period Grating. IEEE Sensors Journal, 2017, 17, 5503-5509.	4.7	18
84	High Sensitivity Refractive Index Sensor Based on Highly Overcoupled Tapered Fiber-Optic Couplers. IEEE Sensors Journal, 2017, 17, 333-339.	4.7	27
85	All-fiber acousto-optic tunable filter in polyimide coated optical fibers. , 2017, , .		1
86	Spectral properties of a variable period Bragg grating including a segment isolated of external deformations. , 2017, , .		0
87	Acousto-optic interaction in polyimide coated optical fibers. , 2017, , .		0
88	Measurement of UV-induced losses and thermal effects in photosensitive fibers using whispering gallery modes. , 2017, , .		0
89	Acousto-optic interaction in polyimide coated optical fibers with flexural waves. Optics Express, 2017, 25, 17167.	3.4	6
90	A new technique for the measurement of the nonlinear refractive index in optical fibers. , 2017, , .		0

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91	Measurement of the nonlinear refractive index in optical fibers by acousto-optic interaction. , 2017, , .		0
92	Fabrication of long period fiber gratings of subnanometric bandwidth. Optics Letters, 2017, 42, 1265.	3.3	12
93	Acoustically Controlled All-Fiber Lasers. , 2017, , 425-452.		1
94	Measurement of Pockelsâ€™ coefficients and demonstration of the anisotropy of the elasto-optic effect in optical fibers under axial strain. Optics Letters, 2016, 41, 2934.	3.3	35
95	Broadband tuning of four-wave mixing bands using photonic crystal fibers. , 2016, , .		0
96	All-fiber laser with intracavity acousto-optic dynamic mode converter for efficient generation of radially polarized cylindrical vector beams. IEEE Photonics Journal, 2016, , 1-1.	2.0	11
97	Wideband tuning of four-wave mixing in solid-core liquid-filled photonic crystal fibers. Optics Letters, 2016, 41, 2600.	3.3	21
98	Long-period grating assisted fractional differentiation of highly chirped light pulses. Optics Communications, 2016, 363, 37-41.	2.1	8
99	Statistical characterization of the internal structure of noiselike pulses using a nonlinear optical loop mirror. Optics Communications, 2016, 377, 41-51.	2.1	19
100	Tuning four-wave mixing through temperature in ethanol-filled photonic crystal fiber. , 2016, , .		0
101	Experimental demonstration of fractional order differentiation using a long-period grating-based in-fiber modal interferometer. Optics Communications, 2016, 380, 35-40.	2.1	4
102	Dissipative soliton resonance in a full polarization-maintaining fiber ring laser at different values of dispersion. Optics Express, 2016, 24, 9966.	3.4	35
103	Sub-picosecond ultra-low frequency passively mode-locked fiber laser. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	9
104	Accurate modal characterization of optical fibers using acousto-optics. , 2016, , .		0
105	Accurate mode characterization of two-mode optical fibers by in-fiber acousto-optics. Optics Express, 2016, 24, 4899.	3.4	16
106	Instantaneous frequency measurement by in-fiber 0.5th order fractional differentiation. Optics Communications, 2016, 371, 89-92.	2.1	6
107	Experimental Investigation of Fused Biconical Fiber Couplers for Measuring Refractive Index Changes in Aqueous Solutions. IEEE Sensors Journal, 2016, 16, 132-136.	4.7	5
108	Experimental investigation of pedestal suppression in a figure-eight fiber laser by including a polarization asymmetrical NOLM. Proceedings of SPIE, 2016, , .	0.8	0

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109	Acousto-optic interaction in biconical tapered fibers: shaping of the stopbands. Optical Engineering, 2016, 55, 036105.	1.0	2
110	All-Normal-Dispersion Photonic Crystal Fibers Under Prism of Supercontinuum Generation and Pulse Compression. Springer Series in Optical Sciences, 2016, , 219-232.	0.7	0
111	Instantaneous frequency measurement of dissipative soliton resonant light pulses. Optics Letters, 2016, 41, 5704.	3.3	15
112	Accurate and broadband characterization of few-mode optical fibers using acousto-optic coupling. , 2015, , .		2
113	Water Vapor Sensors Based on the Swelling of Relief Gelatin Gratings. Advances in Materials Science and Engineering, 2015, 2015, 1-5.	1.8	3
114	Magnetic field measurement using a fiber laser sensor in ring arrangement. , 2015, , .		0
115	Intensity-Modulated Optical Fiber Sensor for AC Magnetic Field Detection. IEEE Photonics Technology Letters, 2015, 27, 2461-2464.	2.5	4
116	Optimization of micro-structured fiber optic devices for super-continuum generation. , 2015, , .		0
117	Simultaneous gain and phase profile determination on an interferometric BOTDA. Proceedings of SPIE, 2015, , .	0.8	5
118	Erbium doped optical fiber lasers for magnetic field sensing. , 2015, , .		1
119	Experimental analysis of distributed pump absorption and refractive index changes in Yb-doped fibers using acousto-optic interaction. Optics Letters, 2015, 40, 689.	3.3	4
120	Short-and-long-term highly stable oscillation and amplification of linearly polarized passively mode-locked solitonic fiber laser resonators. , 2015, , .		0
121	Improved time-resolved acousto-optic technique for optical fiber analysis of axial non-uniformities by using edge interrogation. Optics Express, 2015, 23, 7345.	3.4	14
122	Passive interferometric interrogation of a magnetic field sensor using an erbium doped fiber optic laser with magnetostrictive transducer. Sensors and Actuators A: Physical, 2015, 235, 227-233.	4.1	9
123	Comprehensive Theoretical and Experimental Study of Short- and Long-Term Stability in a Passively Mode-Locked Solitonic Fiber Laser. Journal of Lightwave Technology, 2015, 33, 4039-4049.	4.6	9
124	Effects of Temperature and Axial Strain on Four-Wave Mixing Parametric Frequencies in Microstructured Optical Fibers Pumped in the Normal Dispersion Regime. Photonics, 2014, 1, 404-411.	2.0	6
125	Nonlinear dynamics of Ytterbium-doped fiber laser Q-switched using acousto-optical modulator. European Physical Journal: Special Topics, 2014, 223, 2775-2788.	2.6	15
126	Study of upconversion in highly Er-doped photonic crystal fibers through laser-transient dynamics. Laser Physics, 2014, 24, 105112.	1.2	0

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127	Supercontinuum generation at 800 nm in all-normal dispersion photonic crystal fiber. Optics Express, 2014, 22, 30234.	3.4	50
128	Time-resolved acousto-optic interaction in single-mode optical fibers: characterization of axial nonuniformities at the nanometer scale. Optics Letters, 2014, 39, 1437.	3.3	17
129	Anisotropic Elasto-optic Effect in Optical Fibers under Axial Strain: Experimental Observation by means of Whispering Gallery Modes Resonances. , 2014, , .		0
130	Long-cavity all-fiber ring laser actively mode locked with an in-fiber bandpass acousto-optic modulator. Optics Letters, 2014, 39, 68.	3.3	12
131	Formation of ultrashort triangular pulses in optical fibers. Optics Express, 2014, 22, 29119.	3.4	20
132	Dual-kind Q-switching of erbium fiber laser. Applied Physics Letters, 2014, 104, .	3.3	8
133	Measurement of temperature profile induced by the optical signal in fiber Bragg gratings using whispering-gallery modes. Optics Letters, 2014, 39, 6277.	3.3	11
134	Dual-environment pressure sensor using a photonic-crystal fiber. Proceedings of SPIE, 2014, , .	0.8	0
135	Mapping the refractive index changes along Yb-doped fibers pumped at 976 nm based on acousto-optic interaction. Proceedings of SPIE, 2014, , .	0.8	1
136	Phase recovery by using optical fiber dispersion and pulse pre-stretching. Applied Physics B: Lasers and Optics, 2014, 117, 1173-1181.	2.2	16
137	Measurement of temperature profile in fiber Bragg gratings using whispering gallery modes. , 2014, , .		0
138	Two-core transversally chirped microstructured optical fiber refractive index sensor. Optics Letters, 2014, 39, 1593.	3.3	30
139	All-Optical Tuning of WGMs in Microspheres Made of Er/Yb Codoped Optical Fiber. IEEE Photonics Technology Letters, 2014, 26, 1534-1537.	2.5	7
140	Pulsed Regimes of Erbium-Doped Fiber Laser Q-Switched Using Acousto-Optical Modulator. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 337-344.	2.9	17
141	Phase recovery by using optical fiber dispersion. Optics Letters, 2014, 39, 598.	3.3	25
142	Characterization of thermal effects in fiber components using whispering-gallery modes resonances. , 2014, , .		0
143	Polarimetric measurements of single-photon geometric phases. Physical Review A, 2014, 89, .	2.5	3
144	Photonic-crystal fiber-based pressure sensor for dual environment monitoring. Applied Optics, 2014, 53, 3668.	1.8	36

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145	Acousto-optic Modulators Based on Flexural Acoustic Waves and its Application to Mode-locked Fiber Lasers. , 2014, , .		0
146	Characterization of Fiber Nonuniformities with ppm Resolution Using Time-Resolved In-Fiber Acousto-Optics. , 2014, , .		0
147	In-fiber time-resolved acousto-optics. , 2014, , .		0
148	Erbium-doped photonic crystal fiber lasers optimization by microstructure control: experimental study analysis. Applied Physics B: Lasers and Optics, 2013, 110, 579-584.	2.2	7
149	Mode-locked all-fiber ring laser based on broad bandwidth in-fiber acousto-optic modulator. Applied Physics B: Lasers and Optics, 2013, 110, 73-80.	2.2	12
150	Applications of whispering gallery modes resonances of silica rods and microcapillaries. , 2013, , .		0
151	Optical fiber whispering gallery modes resonances: Applications. , 2013, , .		0
152	Measurement of Pump-Induced Temperature Increase in Doped Fibers Using Whispering-Gallery Modes. IEEE Photonics Technology Letters, 2013, 25, 2498-2500.	2.5	18
153	Influence of Cavity Loss Upon Performance of Q-Switched Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2013, 25, 977-980.	2.5	5
154	Smooth Pulse Generation by a Q-Switched Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2013, 25, 480-483.	2.5	6
155	Tunable narrowband fiber laser with feedback based on whispering gallery mode resonances of a cylindrical microresonator. Optics Letters, 2013, 38, 1636.	3.3	27
156	Photonic fractional Fourier transformer with a single dispersive device. Optics Express, 2013, 21, 8558.	3.4	12
157	Femtosecond parabolic pulse shaping in normally dispersive optical fibers. Optics Express, 2013, 21, 17769.	3.4	34
158	A Refractive Index Sensor Based on the Resonant Coupling to Cladding Modes in a Fiber Loop. Sensors, 2013, 13, 11260-11270.	3.8	12
159	A dual-wavelength tunable laser with superimposed fiber Bragg gratings. Laser Physics, 2013, 23, 055104.	1.2	18
160	Study of the use of methanol-filled Er-doped suspended-core fibres in a temperature-sensing ring laser system. Laser Physics, 2013, 23, 105107.	1.2	1
161	Narrowband fibre laser using a cylindrical optical microresonator as feedback element. , 2013, , .		0
162	Q-Switch All-Fiber Laser Pulsed by High Order Modes. IEEE Photonics Technology Letters, 2013, 25, 1058-1061.	2.5	2

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163	Distributed fibre analysis with cm resolution using gated flexural acoustic waves. , 2013, , .		0
164	An experimental analysis of self-Q-switching via stimulated Brillouin scattering in an ytterbium doped fiber laser. Laser Physics Letters, 2013, 10, 055112.	1.4	31
165	Dual-wavelength fiber laser based on fine adjustment of cavity loss by a fiber optical loop mirror. Proceedings of SPIE, 2013, , .	0.8	0
166	Smart Q-switching for single-pulse generation in an erbium-doped fiber laser. Optics Express, 2012, 20, 4397.	3.4	22
167	Comparison of asymmetric and symmetric cavity configurations of erbium-doped fiber laser in active Q-switched regime. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 2453.	2.1	8
168	Effects of refractive index changes on four-wave mixing bands in Er-doped photonic crystal fibers pumped at 976 nm. Optics Letters, 2012, 37, 1226.	3.3	1
169	Oblique incidence and polarization effects in coupled gratings. Optics Express, 2012, 20, 25454.	3.4	5
170	All-fiber noninterferometric narrow-transmission-bandpass filter. Optics Letters, 2012, 37, 4314.	3.3	2
171	Supercontinuum generation in erbium-doped photonic crystal fibers. Applied Physics B: Lasers and Optics, 2012, 108, 559-563.	2.2	2
172	Continuously Tunable Microwave Photonic Filter Using a Multiwavelength Fiber Laser. IEEE Photonics Technology Letters, 2012, 24, 2129-2131.	2.5	14
173	Experimental Study of the Nonlinear Dynamics of an Actively Q-Switched Ytterbium-Doped Fiber Laser. IEEE Journal of Quantum Electronics, 2012, 48, 1484-1493.	1.9	17
174	Q-Switch Modulator as a Pulse Shaper in Q-Switched Fiber Lasers. IEEE Photonics Technology Letters, 2012, 24, 312-314.	2.5	17
175	Effect of the excited state absorption on the efficiency of erbium-doped DFB fiber lasers. Laser Physics, 2012, 22, 232-239.	1.2	3
176	Dynamic Characterization of Upconversion in Highly Er-Doped Silica Photonic Crystal Fibers. IEEE Journal of Quantum Electronics, 2012, 48, 1015-1022.	1.9	7
177	Amplifiers and Lasers Based on Erbium-Doped Photonic Crystal Fiber: Simulation and Experiments. IEEE Journal of Quantum Electronics, 2012, 48, 338-344.	1.9	6
178	An experimental investigation on the transient characteristics of a liquid-filled Erbium-doped Y-shaped microstructured optical fiber laser. Laser Physics, 2012, 22, 579-583.	1.2	7
179	Corrections to â€œLight Modulation Based on Fiber Cladding Mode Coupling Between Concatenated Long-Period Gratingsâ€•[Feb 1 152-154]. IEEE Photonics Technology Letters, 2011, 23, 754-754.	2.5	0
180	Control of the chromatic dispersion of photonic crystal fibers for supercontinuum and photon pairs generation. , 2011, , .		0

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181	Light Modulation Based on Fiber Cladding Mode Coupling Between Concatenated Long-Period Gratings. IEEE Photonics Technology Letters, 2011, 23, 152-154.	2.5	3
182	Modeling of photonic crystal fibers from the scalar wave equation with a purely transverse linearly polarized vector potential. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 787.	2.1	5
183	Coupling between counterpropagating cladding modes in fiber Bragg gratings. Optics Letters, 2011, 36, 1518.	3.3	18
184	Fiber laser with combined feedback of core and cladding modes assisted by an intracavity long-period grating. Optics Letters, 2011, 36, 1839.	3.3	7
185	Real-time and low-cost sensing technique based on photonic bandgap structures. Optics Letters, 2011, 36, 2707.	3.3	11
186	Excitation and interrogation of whispering-gallery modes in optical microresonators using a single fused-tapered fiber tip. Optics Letters, 2011, 36, 3452.	3.3	21
187	Proposal of real-time all in-fiber semi-differintegration for the phase reconstruction of broadband optical pulses. , 2011, , .		1
188	Supercontinuum generation in Ge-doped Y-shaped microstructured tapered fiber. Journal of Physics: Conference Series, 2011, 274, 012016.	0.4	0
189	Tailoring the dispersion of photonic crystal fibers for supercontinuum and photon pairs generation. , 2011, , .		0
190	Study of upconversion in PCFs with high erbium concentration. , 2011, , .		2
191	Mode-locked all-fiber lasers based on advanced acousto-optic modulators. , 2011, , .		0
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