

Jose L Cruz

List of Publications by Year in descending order

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208
papers

4,350
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117625

34
h-index

149698

56
g-index

208
all docs

208
docs citations

208
times ranked

2697
citing authors

#	ARTICLE	IF	CITATIONS
1	High accuracy measurement of Poisson's ratio of optical fibers and its temperature dependence using forward-stimulated Brillouin scattering. Optics Express, 2022, 30, 42.	3.4	19
2	Strain and temperature measurement discrimination with forward Brillouin scattering in optical fibers. Optics Express, 2022, 30, 14384.	3.4	15
3	Passively Modelocked All-PM Thulium-Doped Fiber Laser at 2.07 μm . IEEE Photonics Journal, 2022, 14, 1-5.	2.0	0
4	Measurement of phase and group refractive indices and dispersion of thermo-optic and strain-optic coefficients of optical fibers using weak fiber Bragg gratings. Applied Optics, 2021, 60, 2824.	1.8	3
5	Accurate measurement of Poisson ratio in optical fibers based on forward-stimulated Brillouin scattering. , 2021, , .		0
6	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
7	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
8	Measurement of the Electrostriction-Induced Refractive Index Modulation Using Long Period Fiber Gratings. , 2020, , .		0
9	PON Monitoring Technique Based on 2D Encoders and Wavelength-to-Time Mapping. , 2020, , .		0
10	Noise pulses' statistics in CW ytterbium-doped fiber laser and its effect on self-phase modulation. , 2020, , .		0
11	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
12	Ytterbium-doped fiber laser as pulsed source of narrowband amplified spontaneous emission. Scientific Reports, 2019, 9, 13073.	3.3	12
13	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
14	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
15	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
16	Single-mode Bragg gratings in tapered few-mode and multimode fibers. Optics Letters, 2019, 44, 4024.	3.3	8
17	Label-free wavelength and phase detection based SMS fiber immunosensors optimized with cladding etching. Sensors and Actuators B: Chemical, 2018, 265, 10-19.	7.8	36
18	Highly Efficient Holmium-Doped All-Fiber $2.07\text{-}\mu\text{m}$ Laser Pumped by Ytterbium-Doped Fiber Laser at $1.13\text{-}\mu\text{m}$. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	12

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19	Analog Photonic Fractional Signal Processing. Progress in Optics, 2018, 63, 93-178.	0.6	8
20	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
21	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
22	Measurement of UV-induced absorption and scattering losses in photosensitive fibers. Optics Letters, 2018, 43, 2897.	3.3	10
23	Kerr Effect in Long Period Gratings with a Pump and Probe Technique. , 2018, , .		0
24	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
25	Oligonucleotide-Hybridization Fiber-Optic Biosensor Using a Narrow Bandwidth Long Period Grating. IEEE Sensors Journal, 2017, 17, 5503-5509.	4.7	18
26	Spectral properties of a variable period Bragg grating including a segment isolated of external deformations. , 2017, , .		0
27	Fabrication of long period fiber gratings of subnanometric bandwidth. Optics Letters, 2017, 42, 1265.	3.3	12
28	Acoustically Controlled All-Fiber Lasers. , 2017, , 425-452.		1
29	Sensitivity optimization with cladding-etched long period fiber gratings at the dispersion turning point. Optics Express, 2016, 24, 17680.	3.4	58
30	Finely tunable laser based on a bulk silicon wafer for gas sensing applications. Laser Physics Letters, 2016, 13, 065102.	1.4	10
31	Long-period grating assisted fractional differentiation of highly chirped light pulses. Optics Communications, 2016, 363, 37-41.	2.1	8
32	Statistical characterization of the internal structure of noiselike pulses using a nonlinear optical loop mirror. Optics Communications, 2016, 377, 41-51.	2.1	19
33	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
34	Sub-picosecond ultra-low frequency passively mode-locked fiber laser. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	9
35	Instantaneous frequency measurement by in-fiber 0.5th order fractional differentiation. Optics Communications, 2016, 371, 89-92.	2.1	6
36	Acousto-optic interaction in biconical tapered fibers: shaping of the stopbands. Optical Engineering, 2016, 55, 036105.	1.0	2

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37	Etched LPFGs in Reflective Configuration for Sensitivity and Attenuation Band Depth Increase. IEEE Photonics Technology Letters, 2016, 28, 1077-1080.	2.5	5
38	Magnetic field measurement using a fiber laser sensor in ring arrangement. , 2015, , .		0
39	Intensity-Modulated Optical Fiber Sensor for AC Magnetic Field Detection. IEEE Photonics Technology Letters, 2015, 27, 2461-2464.	2.5	4
40	Simultaneous gain and phase profile determination on an interferometric BOTDA. Proceedings of SPIE, 2015, , .	0.8	5
41	Erbium doped optical fiber lasers for magnetic field sensing. , 2015, , .		1
42	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
43	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
44	Dual-kind Q-switching of erbium fiber laser. Applied Physics Letters, 2014, 104, .	3.3	8
45	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
46	Measurement of temperature profile in fiber Bragg gratings using whispering gallery modes. , 2014, , .		0
47	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
48	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
49	Phase recovery by using optical fiber dispersion. Optics Letters, 2014, 39, 598.	3.3	25
50	Characterization of thermal effects in fiber components using whispering-gallery modes resonances. , 2014, , .		0
51	Acousto-optic Modulators Based on Flexural Acoustic Waves and its Application to Mode-locked Fiber Lasers. , 2014, , .		0
52	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
53	Optical fiber whispering gallery modes resonances: Applications. , 2013, , .		0
54	Measurement of Pump-Induced Temperature Increase in Doped Fibers Using Whispering-Gallery Modes. IEEE Photonics Technology Letters, 2013, 25, 2498-2500.	2.5	18

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55	Influence of Cavity Loss Upon Performance of Q-Switched Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2013, 25, 977-980.	2.5	5
56	Smooth Pulse Generation by a Q-Switched Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2013, 25, 480-483.	2.5	6
57	Tunable narrowband fiber laser with feedback based on whispering gallery mode resonances of a cylindrical microresonator. Optics Letters, 2013, 38, 1636.	3.3	27
58	Photonic fractional Fourier transformer with a single dispersive device. Optics Express, 2013, 21, 8558.	3.4	12
59	A Refractive Index Sensor Based on the Resonant Coupling to Cladding Modes in a Fiber Loop. Sensors, 2013, 13, 11260-11270.	3.8	12
60	A dual-wavelength tunable laser with superimposed fiber Bragg gratings. Laser Physics, 2013, 23, 055104.	1.2	18
61	Narrowband fibre laser using a cylindrical optical microresonator as feedback element. , 2013, , .		0
62	Q-Switch All-Fiber Laser Pulsed by High Order Modes. IEEE Photonics Technology Letters, 2013, 25, 1058-1061.	2.5	2
63	Smart Q-switching for single-pulse generation in an erbium-doped fiber laser. Optics Express, 2012, 20, 4397.	3.4	22
64	“Photonic lantern” spectral filters in multi-core fibre. Optics Express, 2012, 20, 13996.	3.4	146
65	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
66	All-fiber noninterferometric narrow-transmission-bandpass filter. Optics Letters, 2012, 37, 4314.	3.3	2
67	Supercontinuum generation in erbium-doped photonic crystal fibers. Applied Physics B: Lasers and Optics, 2012, 108, 559-563.	2.2	2
68	Continuously Tunable Microwave Photonic Filter Using a Multiwavelength Fiber Laser. IEEE Photonics Technology Letters, 2012, 24, 2129-2131.	2.5	14
69	Q-Switch Modulator as a Pulse Shaper in Q-Switched Fiber Lasers. IEEE Photonics Technology Letters, 2012, 24, 312-314.	2.5	17
70	Second generation OH suppression filters using multicore fibers. , 2012, , .		4
71	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
72	Corrections to “Light Modulation Based on Fiber Cladding Mode Coupling Between Concatenated Long-Period Gratings” [Feb 1 152-154]. IEEE Photonics Technology Letters, 2011, 23, 754-754.	2.5	0

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73	Light Modulation Based on Fiber Cladding Mode Coupling Between Concatenated Long-Period Gratings. IEEE Photonics Technology Letters, 2011, 23, 152-154.	2.5	3
74	Phase and Amplitude Stability of EHF-Band Radar Carriers Generated From an Active Mode-Locked Laser. Journal of Lightwave Technology, 2011, 29, 3551-3559.	4.6	42
75	Coupling between counterpropagating cladding modes in fiber Bragg gratings. Optics Letters, 2011, 36, 1518.	3.3	18
76	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
77	Real-time and low-cost sensing technique based on photonic bandgap structures. Optics Letters, 2011, 36, 2707.	3.3	11
78	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
79	Supercontinuum generation in Ge-doped Y-shaped microstructured tapered fiber. Journal of Physics: Conference Series, 2011, 274, 012016.	0.4	0
80	Mode-locked all-fiber lasers based on advanced acousto-optic modulators. , 2011, , .		0
81	Study of an actively Q-switch erbium-doped fiber laser in symmetric configuration. Proceedings of SPIE, 2011, , .	0.8	1
82	A distributed model for continuous-wave erbium-doped fiber laser. Optics Communications, 2011, 284, 5342-5347.	2.1	5
83	Distributed Model for Actively Q-Switched Erbium-Doped Fiber Lasers. IEEE Journal of Quantum Electronics, 2011, 47, 928-934.	1.9	22
84	Yb-doped strictly all-fiber laser actively Q-switched by intermodal acousto-optic modulation. Laser Physics, 2011, 21, 1650-1655.	1.2	13
85	Experimental study of an actively mode-locked fiber ring laser based on in-fiber amplitude modulation. Applied Physics B: Lasers and Optics, 2011, 105, 269-276.	2.2	16
86	Mode-locked Yb-doped all-fiber laser based on in-fiber acoustooptic modulation. Laser Physics Letters, 2011, 8, 227-231.	1.4	32
87	Actively Q-switched and mode-locked all-fiber lasers based on advanced acousto-optic devices. Laser and Photonics Reviews, 2011, 5, 404-421.	8.7	9
88	Actively mode-locked fibre ring laser based on in-fibre acousto-optic amplitude modulation. , 2011, , .		0
89	Cutoff properties of liquid-filled Ge-doped microstructured fibers. , 2010, , .		0
90	Experimental study of an all-fiber laser actively mode-locked by a standing-wave acousto-optic modulation. Applied Physics B: Lasers and Optics, 2010, 99, 95-99.	2.2	22

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91	Fiber laser switched by a long period grating interferometer as an intra-cavity loss modulator. Optics Communications, 2010, 283, 2892-2895.	2.1	6
92	High frequency microwave signal generation using dual-wavelength emission of cascaded DFB fiber lasers with wavelength spacing tunability. Optics Communications, 2010, 283, 5165-5168.	2.1	7
93	Actively Q-switched and modelocked all-fiber lasers. Laser Physics Letters, 2010, 7, 870-875.	1.4	18
94	Water Diffusion Into UV Inscripted Long Period Grating in Microstructured Polymer Fiber. IEEE Sensors Journal, 2010, 10, 1169-1173.	4.7	26
95	Tunable Photonic Microwave Filter With Single Bandpass Based on a Phase-Shifted Fiber Bragg Grating. IEEE Photonics Technology Letters, 2010, 22, 1467-1469.	2.5	23
96	White light supercontinuum generation in a Y-shaped microstructured tapered fiber pumped at 1064 nm. Optics Express, 2010, 18, 14535.	3.4	20
97	Electrically tunable photonic true-time-delay line. Optics Express, 2010, 18, 17859.	3.4	23
98	In-fiber Fabry-Perot refractometer assisted by a long-period grating. Optics Letters, 2010, 35, 613.	3.3	30
99	Actively mode-locked fiber ring laser by intermodal acousto-optic modulation. Optics Letters, 2010, 35, 3781.	3.3	26
100	Dual-Wavelength DFB Erbium-Doped Fiber Laser With Tunable Wavelength Spacing. IEEE Photonics Technology Letters, 2010, 22, 254-256.	2.5	55
101	Sensor Applications Based on the Cutoff Properties of Liquid-Filled Ge-Doped Microstructured Fibers. IEEE Sensors Journal, 2010, 10, 1174-1179.	4.7	9
102	Stable optically generated RF signals from a fibre mode-locked laser. , 2010, , .		6
103	Enhanced Q-switched distributed feedback fiber laser based on acoustic pulses. Laser Physics Letters, 2009, 6, 139-144.	1.4	22
104	Passive compensation of the thermal drift of magnetostriction based Q-switched fiber lasers. Optics Communications, 2009, 282, 621-624.	2.1	8
105	Mode locking of an all-fiber laser by acousto-optic superlattice modulation. Optics Letters, 2009, 34, 1111.	3.3	39
106	Doubly active Q switching and mode locking of an all-fiber laser. Optics Letters, 2009, 34, 2709.	3.3	42
107	Supercontinuum Q-switched Yb fiber laser using an intracavity microstructured fiber. Optics Letters, 2009, 34, 3628.	3.3	20
108	Excited-state absorption in erbium-doped silica fiber with simultaneous excitation at 977 and 1531 nm. Journal of Applied Physics, 2009, 106, 083108.	2.5	29

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109	Fiber Ring Laser Operated by Dynamic Local Phase Shifting of a Chirped Grating. IEEE Photonics Technology Letters, 2009, 21, 417-419.	2.5	5
110	Compact all-fiber light source for Brillouin sensor applications. , 2009, , .		0
111	Refractometric sensor based on all-fiber coaxial Michelson interferometers. Proceedings of SPIE, 2009, , .	0.8	0
112	Y-shaped microstructured fibers with Ge-doped core. Proceedings of SPIE, 2009, , .	0.8	0
113	Linearly polarized all-fiber laser using a short section of highly polarizing microstructured fiber. Laser Physics Letters, 2008, 5, 135-138.	1.4	16
114	Actively Q-switched all-fiber lasers. Laser Physics Letters, 2008, 5, 93-99.	1.4	78
115	Experimental study of a symmetrically-pumped distributed feed-back Erbium-doped fiber laser with a tunable phase shift. Laser Physics Letters, 2008, 5, 357-360.	1.4	14
116	Polarization switchable Erbium-doped all-fiber laser. Laser Physics Letters, 2008, 5, 676-679.	1.4	11
117	Near-IR-to-visible emission in ytterbium-doped silica fiber at in-core 488-nm pumping. Laser Physics Letters, 2008, 5, 898-903.	1.4	10
118	Tapering photonic crystal fibres for supercontinuum generation with nanosecond pulses at 532nm. Optics Communications, 2008, 281, 433-438.	2.1	12
119	Fabrication of chirped fiber Bragg gratings by simple combination of stretching movements. Optical Fiber Technology, 2008, 14, 49-53.	2.7	8
120	Fundamental-mode cutoff in liquid-filled Y-shaped microstructured fibers with Ge-doped core. Optics Letters, 2008, 33, 2578.	3.3	24
121	Transform-limited pulses generated by an actively Q-switched distributed fiber laser. Optics Letters, 2008, 33, 2590.	3.3	27
122	Threshold of a Symmetrically Pumped Distributed Feedback Fiber Laser With a Variable Phase Shift. IEEE Journal of Quantum Electronics, 2008, 44, 718-723.	1.9	13
123	Fabrication and Postprocessing of Ge-Doped Nanoweb Fibers. AIP Conference Proceedings, 2008, , .	0.4	3
124	Fast response vibration sensor based on Bragg gratings written in tapered core fibres. Measurement Science and Technology, 2007, 18, 3139-3143.	2.6	11
125	Modulation of coaxial modal interferometers based on long period gratings in double cladding fibers. Optics Express, 2007, 15, 10929.	3.4	8
126	Fabrication of Polarizing Photonic Crystal Fibres and Photonic Crystal Fibre Tapers: Applications. , 2007, , .		3

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127	Single-frequency active Q-switched distributed fiber laser using acoustic waves. Applied Physics Letters, 2007, 90, 171110.	3.3	27
128	Simultaneous Switching of the Q -Value and Operation Wavelength in an Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2007, 19, 480-482.	2.5	11
129	High Extinction-Ratio Polarizing Endlessly Single-Mode Photonic Crystal Fiber. IEEE Photonics Technology Letters, 2007, 19, 562-564.	2.5	14
130	Tunable microwave photonic filter based on chirped fiber gratings working with a single optical carrier at constant wavelength. Optics Communications, 2007, 277, 269-272.	2.1	1
131	Effective length of short Fabry-Perot cavity formed by uniform fiber Bragg gratings. Optics Express, 2006, 14, 6394.	3.4	193
132	Photonic microwave tunable single-bandpass filter based on a Mach-Zehnder interferometer. Journal of Lightwave Technology, 2006, 24, 2500-2509.	4.6	254
133	Simultaneous temperature and ac-current measurements for high voltage lines using fiber Bragg gratings. Sensors and Actuators A: Physical, 2006, 125, 313-316.	4.1	19
134	Hydrogen sensor based on a palladium-coated fibre-taper with improved time-response. Sensors and Actuators B: Chemical, 2006, 114, 268-274.	7.8	51
135	Dispersion induced effects of high-order optical sidebands in the performance of millimeter-wave fiber-optic links. Microwave and Optical Technology Letters, 2006, 48, 1436-1441.	1.4	0
136	High-repetition rate acoustic-induced Q-switched all-fiber laser. Optics Communications, 2005, 244, 315-319.	2.1	50
137	Induced attenuation in Ce ³⁺ and Nd ³⁺ doped fibers irradiated with electron beams under low dose regime. Optics Communications, 2005, 252, 286-291.	2.1	7
138	Palladium-coated fiber-taper hydrogen sensor: temperature response. , 2005, 5855, 447.		0
139	Active Q-switched distributed feedback erbium-doped fiber lasers. Applied Physics Letters, 2005, 87, 011104.	3.3	43
140	Wavelength-codified fiber laser hydrogen detector. Applied Physics Letters, 2005, 87, 201104.	3.3	15
141	Continuous-wave and giant-pulse operations of a single-frequency erbium-doped fiber laser. IEEE Photonics Technology Letters, 2005, 17, 28-30.	2.5	10
142	Wavelength-switchable fiber laser using acoustic waves. IEEE Photonics Technology Letters, 2005, 17, 552-554.	2.5	31
143	Fabrication of Optical Fiber Devices. Fiber and Integrated Optics, 2004, 23, 85-95.	2.5	1
144	Temperature independence of birefringence and group velocity dispersion in photonic crystal fibres. Electronics Letters, 2004, 40, 1327.	1.0	17

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145	Electronic tuning of delay lines based on chirped fiber gratings for phased arrays powered by a single optical carrier. Optics Communications, 2004, 238, 277-280.	2.1	7
146	Wavelength multiplexed hydrogen sensor based on palladium-coated fibre-taper and Bragg grating. Electronics Letters, 2004, 40, 301.	1.0	15
147	Ultrahigh Birefringent Nonlinear Microstructured Fiber. IEEE Photonics Technology Letters, 2004, 16, 1667-1669.	2.5	51
148	Simple high-resolution wavelength monitor based on a fiber Bragg grating. Applied Optics, 2004, 43, 744.	2.1	27
149	Temperature sensor based on the power reflected by a Bragg grating in a tapered fiber. Applied Optics, 2004, 43, 2393.	2.1	20
150	Time-domain fiber laser hydrogen sensor. Optics Letters, 2004, 29, 2461.	3.3	51
151	Simple wavelength monitor for fibre Bragg grating sensors. , 2004, , .		0
152	<title>Nonlinear microstructured fibers with ultrahigh birefringence</title>. , 2004, , .		0
153	Detection of low-dose electron radiation using rare-earth-doped optical fibers. , 2004, , .		0
154	<title>Acoustically induced wavelength switching of a fiber laser</title>. , 2004, , .		1
155	White light sources filtered with fiber Bragg gratings for RF-photonics applications. Optics Communications, 2003, 222, 221-225.	2.1	4
156	A frequency-output fiber optic voltage sensor with temperature compensation for power systems. Sensors and Actuators A: Physical, 2003, 102, 210-215.	4.1	10
157	Dynamic fiber-optic add-drop multiplexer using Bragg gratings and acousto-optic-induced coupling. IEEE Photonics Technology Letters, 2003, 15, 84-86.	2.5	38
158	Tunable dispersion device based on a tapered fiber Bragg grating and nonuniform magnetic fields. IEEE Photonics Technology Letters, 2003, 15, 951-953.	2.5	20
159	Tunable all-optical negative multitap microwave filters based on uniform fiber Bragg gratings. Optics Letters, 2003, 28, 1308.	3.3	79
160	In-line highly sensitive hydrogen sensor based on palladium-coated single-mode tapered fibers. IEEE Sensors Journal, 2003, 3, 533-537.	4.7	55
161	Highly tunable optically switched time delay line for transversal filtering. Electronics Letters, 2003, 39, 1799.	1.0	10
162	Tunable chirped fibre Bragg grating device controlled by variable magnetic fields. Electronics Letters, 2002, 38, 118.	1.0	16

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163	Automatic tunable and reconfigurable fiberoptic microwave filters based on a broadband optical source sliced by uniform fiber Bragg gratings. Optics Express, 2002, 10, 1291.	3.4	53
164	A fiber-optic current sensor with frequency-codified output for high-voltage systems. IEEE Photonics Technology Letters, 2002, 14, 1339-1341.	2.5	32
165	Tunable chirp in Bragg gratings written in tapered core fibers. Optics Communications, 2002, 210, 51-55.	2.1	30
166	High-efficiency Q-switched erbium fiber laser using a Bragg grating-based modulator. Optics Communications, 2002, 210, 361-366.	2.1	62
167	Frequency-output fiber-optic voltage sensor for high-voltage lines. IEEE Photonics Technology Letters, 2001, 13, 996-998.	2.5	27
168	Highly sensitive optical hydrogen sensor using circular Pd-coated singlemode tapered fibre. Electronics Letters, 2001, 37, 1011.	1.0	61
169	<title>Frequency-output fiber-optic voltage sensor</title>. , 2001, , .		0
170	In-line fiber-optic sensors based on the excitation of surface plasma modes in metal-coated tapered fibers. Sensors and Actuators B: Chemical, 2001, 73, 95-99.	7.8	124
171	<title>Simple fiber optic device to interrogate fiber optic Bragg gratings used as sensors</title>. , 2001, , .		47
172	<title>Tunable chirp in Bragg gratings written in tapered core fibers</title>. , 2001, , .		0
173	Variable delay line for phased-array antenna based on a chirped fiber grating. IEEE Transactions on Microwave Theory and Techniques, 2000, 48, 1352-1360.	4.6	93
174	Analysis of a microwave time delay line based on a perturbed uniform fiber Bragg grating operating at constant wavelength. Journal of Lightwave Technology, 2000, 18, 430-436.	4.6	39
175	A magnetostrictive sensor interrogated by fiber gratings for DC-current and temperature discrimination. IEEE Photonics Technology Letters, 2000, 12, 1680-1682.	2.5	114
176	Hybrid surface plasma modes in circular metal-coated tapered fibers. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1999, 16, 2978.	1.5	31
177	Low-frequency and high-frequency all-fiber modulators based on birefringence modulation. Applied Optics, 1999, 38, 6278.	2.1	7
178	Wavelength division multiplexing all-fiber hybrid devices based on Fabry-Perot's and gratings. Journal of Lightwave Technology, 1999, 17, 1241-1247.	4.6	13
179	Array factor of a phased array antenna steered by a chirped fiber grating beamformer. IEEE Photonics Technology Letters, 1998, 10, 1153-1155.	2.5	9
180	Microwave phase shifter based on fibre Bragg grating. Electronics Letters, 1998, 34, 2051.	1.0	3

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181	Chirped fibre Bragg gratings for phased-array antennas. Electronics Letters, 1997, 33, 545.	1.0	61
182	Long period gratings formed in depressed cladding fibres. Electronics Letters, 1997, 33, 1897.	1.0	11
183	Optical fibers with depressed claddings for suppression of coupling into cladding modes in fiber Bragg gratings. IEEE Photonics Technology Letters, 1997, 9, 64-66.	2.5	40
184	Fibre Bragg gratings tuned and chirped using magnetic fields. Electronics Letters, 1997, 33, 235.	1.0	69
185	Faraday effect in standard optical fibers: dispersion of the effective Verdet constant. Applied Optics, 1996, 35, 922.	2.1	92
186	Fiber Bragg gratings with various chirp profiles made in etched tapers. Applied Optics, 1996, 35, 6781.	2.1	37
187	<title>Frequency and pulse modulation of light using all-fiber interferometers</title>. , 1996, , .		0
188	Improved thermal sensitivity of fibre Bragg gratings using a polymer overlayer. Electronics Letters, 1996, 32, 385.	1.0	12
189	Dynamic path length changes in all-fiber mirrors: Transmission modulation. Fiber and Integrated Optics, 1995, 14, 295-302.	2.5	3
190	Fabrication of chirped fibre gratings using etched tapers. Electronics Letters, 1995, 31, 908-909.	1.0	82
191	Temperature-independent strain sensor using a chirped Bragg grating in a tapered optical fibre. Electronics Letters, 1995, 31, 823-825.	1.0	115
192	Strong photosensitive gratings in tin-doped phosphosilicate optical fibers. Optics Letters, 1995, 20, 1982.	3.3	47
193	Enhanced photosensitivity in tin-codoped germanosilicate optical fibers. IEEE Photonics Technology Letters, 1995, 7, 1048-1050.	2.5	68
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