

Jose L Cruz

List of Publications by Year in descending order

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208
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117625

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all docs

208
docs citations

208
times ranked

2697
citing authors

#	ARTICLE	IF	CITATIONS
1	Photonic microwave tunable single-bandpass filter based on a Mach-Zehnder interferometer. <i>Journal of Lightwave Technology</i> , 2006, 24, 2500-2509.	4.6	254
2	Effective length of short Fabry-Perot cavity formed by uniform fiber Bragg gratings. <i>Optics Express</i> , 2006, 14, 6394.	3.4	193
3	“Photonic lantern” spectral filters in multi-core fibre. <i>Optics Express</i> , 2012, 20, 13996.	3.4	146
4	In-line fiber-optic sensors based on the excitation of surface plasma modes in metal-coated tapered fibers. <i>Sensors and Actuators B: Chemical</i> , 2001, 73, 95-99.	7.8	124
5	Temperature-independent strain sensor using a chirped Bragg grating in a tapered optical fibre. <i>Electronics Letters</i> , 1995, 31, 823-825.	1.0	115
6	A magnetostrictive sensor interrogated by fiber gratings for DC-current and temperature discrimination. <i>IEEE Photonics Technology Letters</i> , 2000, 12, 1680-1682.	2.5	114
7	Variable delay line for phased-array antenna based on a chirped fiber grating. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2000, 48, 1352-1360.	4.6	93
8	Faraday effect in standard optical fibers: dispersion of the effective Verdet constant. <i>Applied Optics</i> , 1996, 35, 922.	2.1	92
9	Fabrication of chirped fibre gratings using etched tapers. <i>Electronics Letters</i> , 1995, 31, 908-909.	1.0	82
10	Tunable all-optical negative multitap microwave filters based on uniform fiber Bragg gratings. <i>Optics Letters</i> , 2003, 28, 1308.	3.3	79
11	Actively Q-switched all-fiber lasers. <i>Laser Physics Letters</i> , 2008, 5, 93-99.	1.4	78
12	Fibre Bragg gratings tuned and chirped using magnetic fields. <i>Electronics Letters</i> , 1997, 33, 235.	1.0	69
13	Enhanced photosensitivity in tin-codoped germanosilicate optical fibers. <i>IEEE Photonics Technology Letters</i> , 1995, 7, 1048-1050.	2.5	68
14	High-efficiency Q-switched erbium fiber laser using a Bragg grating-based modulator. <i>Optics Communications</i> , 2002, 210, 361-366.	2.1	62
15	Chirped fibre Bragg gratings for phased-array antennas. <i>Electronics Letters</i> , 1997, 33, 545.	1.0	61
16	Highly sensitive optical hydrogen sensor using circular Pd-coated singlemode tapered fibre. <i>Electronics Letters</i> , 2001, 37, 1011.	1.0	61
17	Sensitivity optimization with cladding-etched long period fiber gratings at the dispersion turning point. <i>Optics Express</i> , 2016, 24, 17680.	3.4	58
18	In-line highly sensitive hydrogen sensor based on palladium-coated single-mode tapered fibers. <i>IEEE Sensors Journal</i> , 2003, 3, 533-537.	4.7	55

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19	Dual-Wavelength DFB Erbium-Doped Fiber Laser With Tunable Wavelength Spacing. IEEE Photonics Technology Letters, 2010, 22, 254-256.	2.5	55
20	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
21	Ultrahigh Birefringent Nonlinear Microstructured Fiber. IEEE Photonics Technology Letters, 2004, 16, 1667-1669.	2.5	51
22	Time-domain fiber laser hydrogen sensor. Optics Letters, 2004, 29, 2461.	3.3	51
23	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
24	High-repetition rate acoustic-induced Q-switched all-fiber laser. Optics Communications, 2005, 244, 315-319.	2.1	50
25	Strong photosensitive gratings in tin-doped phosphosilicate optical fibers. Optics Letters, 1995, 20, 1982.	3.3	47
26	<title>Simple fiber optic device to interrogate fiber optic Bragg gratings used as sensors</title>. , 2001, , .		47
27	Active Q-switched distributed feedback erbium-doped fiber lasers. Applied Physics Letters, 2005, 87, 011104.	3.3	43
28	Doubly active Q switching and mode locking of an all-fiber laser. Optics Letters, 2009, 34, 2709.	3.3	42
29	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
30	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
31	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
32	Mode locking of an all-fiber laser by acousto-optic superlattice modulation. Optics Letters, 2009, 34, 1111.	3.3	39
33	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
34	Fiber Bragg gratings with various chirp profiles made in etched tapers. Applied Optics, 1996, 35, 6781.	2.1	37
35	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
36	A fiber-optic current sensor with frequency-codified output for high-voltage systems. IEEE Photonics Technology Letters, 2002, 14, 1339-1341.	2.5	32

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37	Mode-locked Yb-doped all-fiber laser based on in-fiber acoustooptic modulation. Laser Physics Letters, 2011, 8, 227-231.	1.4	32
38	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
39	A polarizer rotator system for three-dimensional oblique incidence. IEEE Transactions on Antennas and Propagation, 1994, 42, 912-919.	5.1	31
40	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
41	Wavelength-switchable fiber laser using acoustic waves. IEEE Photonics Technology Letters, 2005, 17, 552-554.	2.5	31
42	Tunable chirp in Bragg gratings written in tapered core fibers. Optics Communications, 2002, 210, 51-55.	2.1	30
43	In-fiber Fabry-Perot refractometer assisted by a long-period grating. Optics Letters, 2010, 35, 613.	3.3	30
44	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
45	Frequency-output fiber-optic voltage sensor for high-voltage lines. IEEE Photonics Technology Letters, 2001, 13, 996-998.	2.5	27
46	Simple high-resolution wavelength monitor based on a fiber Bragg grating. Applied Optics, 2004, 43, 744.	2.1	27
47	Single-frequency active Q-switched distributed fiber laser using acoustic waves. Applied Physics Letters, 2007, 90, 171110.	3.3	27
48	Transform-limited pulses generated by an actively Q-switched distributed fiber laser. Optics Letters, 2008, 33, 2590.	3.3	27
49	Tunable narrowband fiber laser with feedback based on whispering gallery mode resonances of a cylindrical microresonator. Optics Letters, 2013, 38, 1636.	3.3	27
50	Water Diffusion Into UV Inscripted Long Period Grating in Microstructured Polymer Fiber. IEEE Sensors Journal, 2010, 10, 1169-1173.	4.7	26
51	Actively mode-locked fiber ring laser by intermodal acousto-optic modulation. Optics Letters, 2010, 35, 3781.	3.3	26
52	Phase recovery by using optical fiber dispersion. Optics Letters, 2014, 39, 598.	3.3	25
53	Fundamental-mode cutoff in liquid-filled Y-shaped microstructured fibers with Ge-doped core. Optics Letters, 2008, 33, 2578.	3.3	24
54	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

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55	Electrically tunable photonic true-time-delay line. <i>Optics Express</i> , 2010, 18, 17859.	3.4	23
56	Modelling of periodic structures using the finite difference time domain method combined with the Floquet theorem. <i>Electronics Letters</i> , 1993, 29, 446.	1.0	22
57	Enhanced Q-switched distributed feedback fiber laser based on acoustic pulses. <i>Laser Physics Letters</i> , 2009, 6, 139-144.	1.4	22
58	Experimental study of an all-fiber laser actively mode-locked by a standing-wave acousto-optic modulation. <i>Applied Physics B: Lasers and Optics</i> , 2010, 99, 95-99.	2.2	22
59	Distributed Model for Actively Q-Switched Erbium-Doped Fiber Lasers. <i>IEEE Journal of Quantum Electronics</i> , 2011, 47, 928-934.	1.9	22
60	Smart Q-switching for single-pulse generation in an erbium-doped fiber laser. <i>Optics Express</i> , 2012, 20, 4397.	3.4	22
61	Excitation and interrogation of whispering-gallery modes in optical microresonators using a single fused-tapered fiber tip. <i>Optics Letters</i> , 2011, 36, 3452.	3.3	21
62	Tunable dispersion device based on a tapered fiber Bragg grating and nonuniform magnetic fields. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 951-953.	2.5	20
63	Temperature sensor based on the power reflected by a Bragg grating in a tapered fiber. <i>Applied Optics</i> , 2004, 43, 2393.	2.1	20
64	Supercontinuum Q-switched Yb fiber laser using an intracavity microstructured fiber. <i>Optics Letters</i> , 2009, 34, 3628.	3.3	20
65	White light supercontinuum generation in a Y-shaped microstructured tapered fiber pumped at 1064 nm. <i>Optics Express</i> , 2010, 18, 14535.	3.4	20
66	Simultaneous temperature and ac-current measurements for high voltage lines using fiber Bragg gratings. <i>Sensors and Actuators A: Physical</i> , 2006, 125, 313-316.	4.1	19
67	Statistical characterization of the internal structure of noise-like pulses using a nonlinear optical loop mirror. <i>Optics Communications</i> , 2016, 377, 41-51.	2.1	19
68	High accuracy measurement of Poisson's ratio of optical fibers and its temperature dependence using forward-stimulated Brillouin scattering. <i>Optics Express</i> , 2022, 30, 42.	3.4	19
69	Actively Q-switched and modelocked all-fiber lasers. <i>Laser Physics Letters</i> , 2010, 7, 870-875.	1.4	18
70	Coupling between counterpropagating cladding modes in fiber Bragg gratings. <i>Optics Letters</i> , 2011, 36, 1518.	3.3	18
71	Measurement of Pump-Induced Temperature Increase in Doped Fibers Using Whispering-Gallery Modes. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 2498-2500.	2.5	18
72	A dual-wavelength tunable laser with superimposed fiber Bragg gratings. <i>Laser Physics</i> , 2013, 23, 055104.	1.2	18

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73	Oligonucleotide-Hybridization Fiber-Optic Biosensor Using a Narrow Bandwidth Long Period Grating. IEEE Sensors Journal, 2017, 17, 5503-5509.	4.7	18
74	Temperature independence of birefringence and group velocity dispersion in photonic crystal fibres. Electronics Letters, 2004, 40, 1327.	1.0	17
75	Q-Switch Modulator as a Pulse Shaper in Q-Switched Fiber Lasers. IEEE Photonics Technology Letters, 2012, 24, 312-314.	2.5	17
76	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
77	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
78	Tunable chirped fibre Bragg grating device controlled by variable magnetic fields. Electronics Letters, 2002, 38, 118.	1.0	16
79	Linearly polarized all-fiber laser using a short section of highly polarizing microstructured fiber. Laser Physics Letters, 2008, 5, 135-138.	1.4	16
80	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
81	Wavelength multiplexed hydrogen sensor based on palladium-coated fibre-taper and Bragg grating. Electronics Letters, 2004, 40, 301.	1.0	15
82	Wavelength-codified fiber laser hydrogen detector. Applied Physics Letters, 2005, 87, 201104.	3.3	15
83	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
84	Strain and temperature measurement discrimination with forward Brillouin scattering in optical fibers. Optics Express, 2022, 30, 14384.	3.4	15
85	T-junctions in square coaxial waveguide: a FD-TD approach. IEEE Transactions on Microwave Theory and Techniques, 1994, 42, 347-350.	4.6	14
86	Tuning and chirping fiber Bragg gratings by deep etching. IEEE Photonics Technology Letters, 1995, 7, 1433-1435.	2.5	14
87	High Extinction-Ratio Polarizing Endlessly Single-Mode Photonic Crystal Fiber. IEEE Photonics Technology Letters, 2007, 19, 562-564.	2.5	14
88	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
89	Continuously Tunable Microwave Photonic Filter Using a Multiwavelength Fiber Laser. IEEE Photonics Technology Letters, 2012, 24, 2129-2131.	2.5	14
90	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

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91	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
92	Yb-doped strictly all-fiber laser actively Q-switched by intermodal acousto-optic modulation. Laser Physics, 2011, 21, 1650-1655.	1.2	13
93	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
94	Dynamic optical transversal filters based on a tunable dispersion fiber Bragg grating. , 0, , .		12
95	Tapering photonic crystal fibres for supercontinuum generation with nanosecond pulses at 532nm. Optics Communications, 2008, 281, 433-438.	2.1	12
96	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
97	Photonic fractional Fourier transformer with a single dispersive device. Optics Express, 2013, 21, 8558.	3.4	12
98	A Refractive Index Sensor Based on the Resonant Coupling to Cladding Modes in a Fiber Loop. Sensors, 2013, 13, 11260-11270.	3.8	12
99	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
100	Highly Efficient Holmium-Doped All-Fiber $\lambda/2$ Laser Pumped by Ytterbium-Doped Fiber Laser at $\lambda/4$. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	12
101	Ytterbium-doped fiber laser as pulsed source of narrowband amplified spontaneous emission. Scientific Reports, 2019, 9, 13073.	3.3	12
102	Improved thermal sensitivity of fibre Bragg gratings using a polymer overlayer. Electronics Letters, 1996, 32, 385.	1.0	12
103	Fabrication of long period fiber gratings of subnanometric bandwidth. Optics Letters, 2017, 42, 1265.	3.3	12
104	Long period gratings formed in depressed cladding fibres. Electronics Letters, 1997, 33, 1897.	1.0	11
105	Fast response vibration sensor based on Bragg gratings written in tapered core fibres. Measurement Science and Technology, 2007, 18, 3139-3143.	2.6	11
106	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
107	Polarization switchable Erbium-doped all-fiber laser. Laser Physics Letters, 2008, 5, 676-679.	1.4	11
108	Real-time and low-cost sensing technique based on photonic bandgap structures. Optics Letters, 2011, 36, 2707.	3.3	11

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109	Measurement of temperature profile induced by the optical signal in fiber Bragg gratings using whispering-gallery modes. <i>Optics Letters</i> , 2014, 39, 6277.	3.3	11
110	A frequency-output fiber optic voltage sensor with temperature compensation for power systems. <i>Sensors and Actuators A: Physical</i> , 2003, 102, 210-215.	4.1	10
111	Highly tunable optically switched time delay line for transversal filtering. <i>Electronics Letters</i> , 2003, 39, 1799.	1.0	10
112	Continuous-wave and giant-pulse operations of a single-frequency erbium-doped fiber laser. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 28-30.	2.5	10
113	Near-IR-to-visible emission in ytterbium-doped silica fiber at in-core 488-nm pumping. <i>Laser Physics Letters</i> , 2008, 5, 898-903.	1.4	10
114	Finely tunable laser based on a bulk silicon wafer for gas sensing applications. <i>Laser Physics Letters</i> , 2016, 13, 065102.	1.4	10
115	Measurement of UV-induced absorption and scattering losses in photosensitive fibers. <i>Optics Letters</i> , 2018, 43, 2897.	3.3	10
116	Coexistence of Quasi-CW and SBS-Boosted Self-Q-Switched Pulsing in Ytterbium-Doped Fiber Laser With Low Q -Factor Cavity. <i>Journal of Lightwave Technology</i> , 2020, 38, 3751-3758.	4.6	10
117	Investigation of fiber grating-based performance limits in pulse stretching and recompression schemes using bidirectional reflection from a linearly chirped fiber grating. <i>IEEE Photonics Technology Letters</i> , 1995, 7, 1436-1438.	2.5	9
118	An all-fiber RF modulation technique: frequency response calibration of optical detectors. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995, 43, 2361-2363.	4.6	9
119	Array factor of a phased array antenna steered by a chirped fiber grating beamformer. <i>IEEE Photonics Technology Letters</i> , 1998, 10, 1153-1155.	2.5	9
120	Sensor Applications Based on the Cutoff Properties of Liquid-Filled Ge-Doped Microstructured Fibers. <i>IEEE Sensors Journal</i> , 2010, 10, 1174-1179.	4.7	9
121	Q -switched and modelocked all-fiber lasers based on advanced acousto-optic devices. <i>Laser and Photonics Reviews</i> , 2011, 5, 404-421.	8.7	9
122	Passive interferometric interrogation of a magnetic field sensor using an erbium doped fiber optic laser with magnetostrictive transducer. <i>Sensors and Actuators A: Physical</i> , 2015, 235, 227-233.	4.1	9
123	Sub-picosecond ultra-low frequency passively mode-locked fiber laser. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	9
124	Modulation of coaxial modal interferometers based on long period gratings in double cladding fibers. <i>Optics Express</i> , 2007, 15, 10929.	3.4	8
125	Fabrication of chirped fiber Bragg gratings by simple combination of stretching movements. <i>Optical Fiber Technology</i> , 2008, 14, 49-53.	2.7	8
126	Passive compensation of the thermal drift of magnetostriction based Q-switched fiber lasers. <i>Optics Communications</i> , 2009, 282, 621-624.	2.1	8

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127	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
128	Dual-kind Q-switching of erbium fiber laser. Applied Physics Letters, 2014, 104, .	3.3	8
129	Long-period grating assisted fractional differentiation of highly chirped light pulses. Optics Communications, 2016, 363, 37-41.	2.1	8
130	Analog Photonic Fractional Signal Processing. Progress in Optics, 2018, 63, 93-178.	0.6	8
131	Single-mode Bragg gratings in tapered few-mode and multimode fibers. Optics Letters, 2019, 44, 4024.	3.3	8
132	Electromagnetic Scattering by a Strip Grating with Plane-Wave Three-Dimensional Oblique Incidence by Means of Decomposition into E-Type and H-Type Modes. Journal of Electromagnetic Waves and Applications, 1993, 7, 1201-1219.	1.6	7
133	Low-frequency and high-frequency all-fiber modulators based on birefringence modulation. Applied Optics, 1999, 38, 6278.	2.1	7
134	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
135	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
136	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
137	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
138	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
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	Accurate absorbing boundary conditions for the FDTD analysis of H-plane waveguide discontinuities. IET Microwaves Antennas and Propagation, 1994, 141, 59.	1.2	6
141	The phase center position of a microstrip horn radiating in an infinite parallel-plate waveguide. IEEE Transactions on Antennas and Propagation, 1994, 42, 1185-1188.	5.1	6
142	Fiber laser switched by a long period grating interferometer as an intra-cavity loss modulator. Optics Communications, 2010, 283, 2892-2895.	2.1	6
143	Stable optically generated RF signals from a fibre mode-locked laser. , 2010, , .		6
144	Smooth Pulse Generation by a Q-Switched Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2013, 25, 480-483.	2.5	6

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145	Instantaneous frequency measurement by in-fiber 0.5th order fractional differentiation. Optics Communications, 2016, 371, 89-92.	2.1	6
146	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
147	Fiber Ring Laser Operated by Dynamic Local Phase Shifting of a Chirped Grating. IEEE Photonics Technology Letters, 2009, 21, 417-419.	2.5	5
148	A distributed model for continuous-wave erbium-doped fiber laser. Optics Communications, 2011, 284, 5342-5347.	2.1	5
149	Influence of Cavity Loss Upon Performance of Q-Switched Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2013, 25, 977-980.	2.5	5
150	Simultaneous gain and phase profile determination on an interferometric BOTDA. Proceedings of SPIE, 2015, , .	0.8	5
151	Etched LPPGs in Reflective Configuration for Sensitivity and Attenuation Band Depth Increase. IEEE Photonics Technology Letters, 2016, 28, 1077-1080.	2.5	5
152	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
153	Transmission-line model to analyze a multistage polarizer rotator. Microwave and Optical Technology Letters, 1991, 4, 113-117.	1.4	4
154	White light sources filtered with fiber Bragg gratings for RF-photonics applications. Optics Communications, 2003, 222, 221-225.	2.1	4
155	Second generation OH suppression filters using multicore fibers. , 2012, , .		4
156	Intensity-Modulated Optical Fiber Sensor for AC Magnetic Field Detection. IEEE Photonics Technology Letters, 2015, 27, 2461-2464.	2.5	4
157	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
158	Dynamic path length changes in all-fiber mirrors: Transmission modulation. Fiber and Integrated Optics, 1995, 14, 295-302.	2.5	3
159	Fabrication of Polarizing Photonic Crystal Fibres and Photonic Crystal Fibre Tapers: Applications. , 2007, , .		3
160	Fabrication and Postprocessing of Ge-Doped Nanoweb Fibers. AIP Conference Proceedings, 2008, , .	0.4	3
161	Light Modulation Based on Fiber Cladding Mode Coupling Between Concatenated Long-Period Gratings. IEEE Photonics Technology Letters, 2011, 23, 152-154.	2.5	3
162	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

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163	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
164	Microwave phase shifter based on fibre Bragg grating. Electronics Letters, 1998, 34, 2051.	1.0	3
165	The reflection coefficient of a flared microstrip line radiating in an infinite parallel-plate waveguide. Microwave and Optical Technology Letters, 1993, 6, 127-131.	1.4	2
166	All-fiber noninterferometric narrow-transmission-bandpass filter. Optics Letters, 2012, 37, 4314.	3.3	2
167	Supercontinuum generation in erbium-doped photonic crystal fibers. Applied Physics B: Lasers and Optics, 2012, 108, 559-563.	2.2	2
168	Q-Switch All-Fiber Laser Pulsed by High Order Modes. IEEE Photonics Technology Letters, 2013, 25, 1058-1061.	2.5	2
169	Acousto-optic interaction in biconical tapered fibers: shaping of the stopbands. Optical Engineering, 2016, 55, 036105.	1.0	2
170	Fabrication of Optical Fiber Devices. Fiber and Integrated Optics, 2004, 23, 85-95.	2.5	1
171	<title>Acoustically induced wavelength switching of a fiber laser</title>. , 2004, , .		1
172	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
173	Study of an actively Q-switch erbium-doped fiber laser in symmetric configuration. Proceedings of SPIE, 2011, , .	0.8	1
174	Erbium doped optical fiber lasers for magnetic field sensing. , 2015, , .		1
175	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
176	Acoustically Controlled All-Fiber Lasers. , 2017, , 425-452.		1
177	Diffraction by a Rotman lens. Journal of Optics, 1994, 25, 115-120.	0.3	0
178	FONI-SPATE: A new fibre optic stress/strain sensor, using a near-infrared variant of the SPATE effect. Electronics Letters, 1994, 30, 1619-1620.	1.0	0
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