

Miguel V AndrÃ©s

List of Publications by Year in descending order

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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	Designing the properties of dispersion-flattened photonic crystal fibers. <i>Optics Express</i> , 2001, 9, 687.	3.4	309
2	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
3	Full-vector analysis of a realistic photonic crystal fiber. <i>Optics Letters</i> , 1999, 24, 276.	3.3	216
4	Effective length of short Fabry-Perot cavity formed by uniform fiber Bragg gratings. <i>Optics Express</i> , 2006, 14, 6394.	3.4	193
5	Q-switching of an all-fiber laser by acousto-optic modulation of a fiber Bragg grating. <i>Optics Express</i> , 2006, 14, 1106.	3.4	171
6	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
7	Refractometric sensor based on whispering-gallery modes of thin capillaries. <i>Optics Express</i> , 2007, 15, 12011.	3.4	119
8	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
9	Strong optical nonlinearities in gallium and indium selenides related to inter-valence-band transitions induced by light pulses. <i>Physical Review B</i> , 1997, 56, 4075-4084.	3.2	96
10	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
11	Fiber-optic 40-GHz mm-wave link with 2.5-Gb/s data transmission. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 1938-1940.	2.5	93
12	Faraday effect in standard optical fibers: dispersion of the effective Verdet constant. <i>Applied Optics</i> , 1996, 35, 922.	2.1	92
13	Microwave-photonic frequency multiplication utilizing optical four-wave mixing and fiber Bragg gratings. <i>Journal of Lightwave Technology</i> , 2006, 24, 329-334.	4.6	90
14	Vector description of higher-order modes in photonic crystal fibers. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2000, 17, 1333.	1.5	87
15	Tunable all-optical negative multitap microwave filters based on uniform fiber Bragg gratings. <i>Optics Letters</i> , 2003, 28, 1308.	3.3	79
16	Actively Q-switched all-fiber lasers. <i>Laser Physics Letters</i> , 2008, 5, 93-99.	1.4	78
17	Fibre Bragg gratings tuned and chirped using magnetic fields. <i>Electronics Letters</i> , 1997, 33, 235.	1.0	69
18	Biorthonormal-basis method for the vector description of optical-fiber modes. <i>Journal of Lightwave Technology</i> , 1998, 16, 923-928.	4.6	69

#	ARTICLE	IF	CITATIONS
19	Q-switched all-fiber laser based on magnetostriction modulation of a Bragg grating. Optics Express, 2005, 13, 5046.	3.4	64
20	High-efficiency Q-switched erbium fiber laser using a Bragg grating-based modulator. Optics Communications, 2002, 210, 361-366.	2.1	62
21	Chirped fibre Bragg gratings for phased-array antennas. Electronics Letters, 1997, 33, 545.	1.0	61
22	Highly sensitive optical hydrogen sensor using circular Pd-coated singlemode tapered fibre. Electronics Letters, 2001, 37, 1011.	1.0	61
23	In-line highly sensitive hydrogen sensor based on palladium-coated single-mode tapered fibers. IEEE Sensors Journal, 2003, 3, 533-537.	4.7	55
24	Dual-Wavelength DFB Erbium-Doped Fiber Laser With Tunable Wavelength Spacing. IEEE Photonics Technology Letters, 2010, 22, 254-256.	2.5	55
25	Designing a photonic crystal fibre with flattened chromatic dispersion. Electronics Letters, 1999, 35, 325.	1.0	54
26	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
27	In-fiber all-optical fractional differentiator. Optics Letters, 2009, 34, 833.	3.3	52
28	Ultrahigh Birefringent Nonlinear Microstructured Fiber. IEEE Photonics Technology Letters, 2004, 16, 1667-1669.	2.5	51
29	Time-domain fiber laser hydrogen sensor. Optics Letters, 2004, 29, 2461.	3.3	51
30	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
31	High-repetition rate acoustic-induced Q-switched all-fiber laser. Optics Communications, 2005, 244, 315-319.	2.1	50
32	Supercontinuum generation at 800 nm in all-normal dispersion photonic crystal fiber. Optics Express, 2014, 22, 30234.	3.4	50
33	<title>Simple fiber optic device to interrogate fiber optic Bragg gratings used as sensors</title> . , 2001, , .		47
34	Resonant and thermal changes of refractive index in a heavily doped erbium fiber pumped at wavelength 980nm. Applied Physics Letters, 2004, 85, 2466-2468.	3.3	45
35	Active Q-switched distributed feedback erbium-doped fiber lasers. Applied Physics Letters, 2005, 87, 011104.	3.3	43
36	Full-Wave Analysis of Dielectric Frequency-Selective Surfaces Using a Vectorial Modal Method. IEEE Transactions on Antennas and Propagation, 2004, 52, 2091-2099.	5.1	42

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37	Doubly active Q switching and mode locking of an all-fiber laser. <i>Optics Letters</i> , 2009, 34, 2709.	3.3	42
38	All-fiber actively Q-switched Yb-doped laser. <i>Optics Communications</i> , 2006, 260, 251-256.	2.1	40
39	Analysis of a microwave time delay line based on a perturbed uniform fiber Bragg grating operating at constant wavelength. <i>Journal of Lightwave Technology</i> , 2000, 18, 430-436.	4.6	39
40	Mode locking of an all-fiber laser by acousto-optic superlattice modulation. <i>Optics Letters</i> , 2009, 34, 1111.	3.3	39
41	Cylindrical optical microcavities: Basic properties and sensor applications. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2011, 9, 149-158.	2.0	39
42	Dynamic fiber-optic add-drop multiplexer using Bragg gratings and acousto-optic-induced coupling. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 84-86.	2.5	38
43	Photonic-crystal fiber-based pressure sensor for dual environment monitoring. <i>Applied Optics</i> , 2014, 53, 3668.	1.8	36
44	Analysis of an interferometric optical fibre detection technique applied to silicon vibrating sensors. <i>Electronics Letters</i> , 1987, 23, 774.	1.0	35
45	Donor and acceptor guided modes in photonic crystal fibers. <i>Optics Letters</i> , 2000, 25, 1328.	3.3	35
46	Measurement of Pockels's coefficients and demonstration of the anisotropy of the elasto-optic effect in optical fibers under axial strain. <i>Optics Letters</i> , 2016, 41, 2934.	3.3	35
47	Dissipative soliton resonance in a full polarization-maintaining fiber ring laser at different values of dispersion. <i>Optics Express</i> , 2016, 24, 9966.	3.4	35
48	Optical activation of a silicon vibrating sensor. <i>Electronics Letters</i> , 1986, 22, 1097.	1.0	34
49	Femtosecond parabolic pulse shaping in normally dispersive optical fibers. <i>Optics Express</i> , 2013, 21, 17769.	3.4	34
50	Tunable and reconfigurable microwave filter by use of a Bragg-grating-based acousto-optic superlattice modulator. <i>Optics Letters</i> , 2005, 30, 8.	3.3	33
51	A fiber-optic current sensor with frequency-codified output for high-voltage systems. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 1339-1341.	2.5	32
52	Mode-locked Yb-doped all-fiber laser based on in-fiber acoustooptic modulation. <i>Laser Physics Letters</i> , 2011, 8, 227-231.	1.4	32
53	Tunable Dual-Wavelength Thulium-Doped Fiber Laser Based on FBGs and a Hi-Bi FOLM. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1820-1823.	2.5	32
54	Hybrid surface plasma modes in circular metal-coated tapered fibers. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1999, 16, 2978.	1.5	31

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55	Wavelength-switchable fiber laser using acoustic waves. IEEE Photonics Technology Letters, 2005, 17, 552-554.	2.5	31
56	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
57	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
58	Tunable chirp in Bragg gratings written in tapered core fibers. Optics Communications, 2002, 210, 51-55.	2.1	30
59	In-fiber Fabry-Perot refractometer assisted by a long-period grating. Optics Letters, 2010, 35, 613.	3.3	30
60	Two-core transversally chirped microstructured optical fiber refractive index sensor. Optics Letters, 2014, 39, 1593.	3.3	30
61	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
62	Nonlinear vibrations and hysteresis of micromachined silicon resonators designed as frequency-out sensors. Electronics Letters, 1987, 23, 952.	1.0	28
63	Analysis of inhomogeneously filled waveguides using a bi-orthonormal-basis method. IEEE Transactions on Microwave Theory and Techniques, 2000, 48, 589-596.	4.6	27
64	Frequency-output fiber-optic voltage sensor for high-voltage lines. IEEE Photonics Technology Letters, 2001, 13, 996-998.	2.5	27
65	Simple high-resolution wavelength monitor based on a fiber Bragg grating. Applied Optics, 2004, 43, 744.	2.1	27
66	Single-frequency active Q-switched distributed fiber laser using acoustic waves. Applied Physics Letters, 2007, 90, 171110.	3.3	27
67	Transform-limited pulses generated by an actively Q-switched distributed fiber laser. Optics Letters, 2008, 33, 2590.	3.3	27
68	Tunable narrowband fiber laser with feedback based on whispering gallery mode resonances of a cylindrical microresonator. Optics Letters, 2013, 38, 1636.	3.3	27
69	High Sensitivity Refractive Index Sensor Based on Highly Overcoupled Tapered Fiber-Optic Couplers. IEEE Sensors Journal, 2017, 17, 333-339.	4.7	27
70	Analysis of dielectric-loaded cavities using an orthonormal-basis method. IEEE Transactions on Microwave Theory and Techniques, 2002, 50, 2545-2552.	4.6	26
71	Three-dimensional scattering of dielectric gratings under plane-wave excitation. IEEE Antennas and Wireless Propagation Letters, 2003, 2, 215-218.	4.0	26
72	Actively mode-locked fiber ring laser by intermodal acousto-optic modulation. Optics Letters, 2010, 35, 3781.	3.3	26

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73	Phase recovery by using optical fiber dispersion. Optics Letters, 2014, 39, 598.	3.3	25
74	Investigation of nitrogen-related acceptor centers in indium selenide by means of photoluminescence: Determination of the hole effective mass. Physical Review B, 1997, 55, 6981-6987.	3.2	24
75	Fundamental-mode cutoff in liquid-filled Y-shaped microstructured fibers with Ge-doped core. Optics Letters, 2008, 33, 2578.	3.3	24
76	Supercontinuum generation in highly Ge-doped core Y-shaped microstructured optical fiber. Applied Physics B: Lasers and Optics, 2010, 98, 371-376.	2.2	23
77	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
78	Electrically tunable photonic true-time-delay line. Optics Express, 2010, 18, 17859.	3.4	23
79	Enhanced Q-switched distributed feedback fiber laser based on acoustic pulses. Laser Physics Letters, 2009, 6, 139-144.	1.4	22
80	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
81	Distributed Model for Actively Q-Switched Erbium-Doped Fiber Lasers. IEEE Journal of Quantum Electronics, 2011, 47, 928-934.	1.9	22
82	Smart Q-switching for single-pulse generation in an erbium-doped fiber laser. Optics Express, 2012, 20, 4397.	3.4	22
83	Q-switched all-fibre laser using a fibre-optic resonant acousto-optic modulator. Optics Communications, 2007, 274, 407-411.	2.1	21
84	Interrogation of whispering-gallery modes resonances in cylindrical microcavities by backreflection detection. Optics Letters, 2009, 34, 1039.	3.3	21
85	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
86	Wideband tuning of four-wave mixing in solid-core liquid-filled photonic crystal fibers. Optics Letters, 2016, 41, 2600.	3.3	21
87	Light-induced transmission nonlinearities in gallium selenide. Journal of Applied Physics, 1999, 85, 3780-3785.	2.5	20
88	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
89	Temperature sensor based on the power reflected by a Bragg grating in a tapered fiber. Applied Optics, 2004, 43, 2393.	2.1	20
90	Supercontinuum Q-switched Yb fiber laser using an intracavity microstructured fiber. Optics Letters, 2009, 34, 3628.	3.3	20

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91	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
92	Formation of ultrashort triangular pulses in optical fibers. <i>Optics Express</i> , 2014, 22, 29119.	3.4	20
93	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
94	Statistical characterization of the internal structure of noiselike pulses using a nonlinear optical loop mirror. <i>Optics Communications</i> , 2016, 377, 41-51.	2.1	19
95	Improved All-Fiber Acousto-Optic Tunable Bandpass Filter. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1015-1018.	2.5	19
96	Experimental study of an in-fiber acousto-optic tunable bandpass filter for single- and dual-wavelength operation in a thulium-doped fiber laser. <i>Optics Express</i> , 2019, 27, 38602.	3.4	19
97	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
98	Tunable Dispersion Compensator Based on a Fiber Bragg Grating Written in a Tapered Fiber. <i>IEEE Photonics Technology Letters</i> , 2004, 16, 2631-2633.	2.5	18
99	Waveguiding properties of a photonic crystal fiber with a solid core surrounded by four large air holes. <i>Optics Express</i> , 2009, 17, 6931.	3.4	18
100	Actively Q-switched and modelocked all-fiber lasers. <i>Laser Physics Letters</i> , 2010, 7, 870-875.	1.4	18
101	Coupling between counterpropagating cladding modes in fiber Bragg gratings. <i>Optics Letters</i> , 2011, 36, 1518.	3.3	18
102	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
103	A dual-wavelength tunable laser with superimposed fiber Bragg gratings. <i>Laser Physics</i> , 2013, 23, 055104.	1.2	18
104	Femtosecond laser fabrication of high-Q whispering gallery mode microresonators via two-photon polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 569-574.	2.1	18
105	Oligonucleotide-Hybridization Fiber-Optic Biosensor Using a Narrow Bandwidth Long Period Grating. <i>IEEE Sensors Journal</i> , 2017, 17, 5503-5509.	4.7	18
106	Cylindrical metal-coated optical fibre devices for filters and sensors. <i>Electronics Letters</i> , 1996, 32, 1390.	1.0	17
107	Diode-pumped self-Q-switched erbium-doped all-fibre laser. <i>Quantum Electronics</i> , 2004, 34, 310-314.	1.0	17
108	Temperature independence of birefringence and group velocity dispersion in photonic crystal fibres. <i>Electronics Letters</i> , 2004, 40, 1327.	1.0	17

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109	Photonic processing of microwave signals. IEE Proceedings: Optoelectronics, 2005, 152, 299-320.	0.8	17
110	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
111	Q-Switch Modulator as a Pulse Shaper in Q-Switched Fiber Lasers. IEEE Photonics Technology Letters, 2012, 24, 312-314.	2.5	17
112	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
113	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
114	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
115	Tunable chirped fibre Bragg grating device controlled by variable magnetic fields. Electronics Letters, 2002, 38, 118.	1.0	16
116	Linearly polarized all-fiber laser using a short section of highly polarizing microstructured fiber. Laser Physics Letters, 2008, 5, 135-138.	1.4	16
117	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
118	Phase recovery by using optical fiber dispersion and pulse pre-stretching. Applied Physics B: Lasers and Optics, 2014, 117, 1173-1181.	2.2	16
119	Accurate mode characterization of two-mode optical fibers by in-fiber acousto-optics. Optics Express, 2016, 24, 4899.	3.4	16
120	Sensitivity and mode spectrum of a frequency-output silicon pressure sensor. Sensors and Actuators, 1988, 15, 417-426.	1.7	15
121	Wavelength multiplexed hydrogen sensor based on palladium-coated fibre-taper and Bragg grating. Electronics Letters, 2004, 40, 301.	1.0	15
122	Wavelength-codified fiber laser hydrogen detector. Applied Physics Letters, 2005, 87, 201104.	3.3	15
123	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
124	BIO bragg gratings on microfibers for label-free biosensing. Biosensors and Bioelectronics, 2021, 176, 112916.	10.1	15
125	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
126	Instantaneous frequency measurement of dissipative soliton resonant light pulses. Optics Letters, 2016, 41, 5704.	3.3	15

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127	Strain and temperature measurement discrimination with forward Brillouin scattering in optical fibers. Optics Express, 2022, 30, 14384.	3.4	15
128	Advanced Optical Processing of Microwave Signals. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.7	14
129	Dynamic Bragg gratings induced in erbium-doped fiber at phase-Modulated beams' coupling. IEEE Journal of Quantum Electronics, 2005, 41, 1176-1180.	1.9	14
130	High Extinction-Ratio Polarizing Endlessly Single-Mode Photonic Crystal Fiber. IEEE Photonics Technology Letters, 2007, 19, 562-564.	2.5	14
131	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
132	Design of an ultra-broadband all-optical fractional differentiator with a long-period fiber grating. Optical and Quantum Electronics, 2011, 42, 571-576.	3.3	14
133	Continuously Tunable Microwave Photonic Filter Using a Multiwavelength Fiber Laser. IEEE Photonics Technology Letters, 2012, 24, 2129-2131.	2.5	14
134	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
135	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
136	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
137	Yb-doped strictly all-fiber laser actively Q-switched by intermodal acousto-optic modulation. Laser Physics, 2011, 21, 1650-1655.	1.2	13
138	Long cavity ring fiber mode-locked laser with decreased net value of nonlinear polarization rotation. Optics Express, 2019, 27, 14030.	3.4	13
139	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
140	Microwave experiments on electromagnetic evanescent waves and tunneling effect. American Journal of Physics, 1993, 61, 165-169.	0.7	12
141	Dynamic optical transversal filters based on a tunable dispersion fiber Bragg grating. , 0, , .		12
142	Analysis of Inhomogeneously Dielectric Filled Cavities Coupled to Dielectric-Loaded Waveguides: Application to the Study of NRD-Guide Components. IEEE Transactions on Microwave Theory and Techniques, 2004, 52, 1693-1701.	4.6	12
143	Tapering photonic crystal fibres for supercontinuum generation with nanosecond pulses at 532nm. Optics Communications, 2008, 281, 433-438.	2.1	12
144	Erbium-Doped-Silica Photonic Crystal Fiber Characterization Method: Description and Experimental Check. IEEE Journal of Quantum Electronics, 2010, 46, 1145-1152.	1.9	12

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145	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
146	Photonic fractional Fourier transformer with a single dispersive device. Optics Express, 2013, 21, 8558.	3.4	12
147	A Refractive Index Sensor Based on the Resonant Coupling to Cladding Modes in a Fiber Loop. Sensors, 2013, 13, 11260-11270.	3.8	12
148	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
149	Highly Efficient Holmium-Doped All-Fiber $\lambda/2$ 2.07- $\lambda/4$ m Laser Pumped by Ytterbium-Doped Fiber Laser at $\lambda/4$ 1.13 $\lambda/4$ m. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	12
150	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
151	Ytterbium-doped fiber laser as pulsed source of narrowband amplified spontaneous emission. Scientific Reports, 2019, 9, 13073.	3.3	12
152	Parametrical Optomechanical Oscillations in PhoXonic Whispering Gallery Mode Resonators. Scientific Reports, 2019, 9, 7163.	3.3	12
153	Fabrication of long period fiber gratings of subnanometric bandwidth. Optics Letters, 2017, 42, 1265.	3.3	12
154	Fast response vibration sensor based on Bragg gratings written in tapered core fibres. Measurement Science and Technology, 2007, 18, 3139-3143.	2.6	11
155	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
156	Polarization switchable Erbium-doped all-fiber laser. Laser Physics Letters, 2008, 5, 676-679.	1.4	11
157	Proposal and design of an in-fiber all-optical fractional integrator. Optics Communications, 2010, 283, 5012-5015.	2.1	11
158	Real-time and low-cost sensing technique based on photonic bandgap structures. Optics Letters, 2011, 36, 2707.	3.3	11
159	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
160	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
161	Comments on "Anomalous Large Shift of Absorption Edge of GaSe-Based Layered Crystals by Applied Electric Field". Japanese Journal of Applied Physics, 1991, 30, L608-L609.	1.5	10
162	In-line polarizers and filters made of metal-coated tapered fibers: resonant excitation of hybrid plasma modes. IEEE Photonics Technology Letters, 1998, 10, 833-835.	2.5	10

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163	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
164	Highly tunable optically switched time delay line for transversal filtering. <i>Electronics Letters</i> , 2003, 39, 1799.	1.0	10
165	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
166	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
167	Measurement of UV-induced absorption and scattering losses in photosensitive fibers. <i>Optics Letters</i> , 2018, 43, 2897.	3.3	10
168	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
169	Optical-fiber resonant rings based on polarization-dependent couplers. <i>Journal of Lightwave Technology</i> , 1990, 8, 1212-1220.	4.6	9
170	Temperature dependence of refractive index and absorption coefficient of GaSe at 633 nm. <i>Optics Communications</i> , 1995, 118, 335-337.	2.1	9
171	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
172	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
173	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
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