

Ping Shum

List of Publications by Year in descending order

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20759

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all docs

855
docs citations

855
times ranked

8793
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-insensitive strain sensor with polarization-maintaining photonic crystal fiber based Sagnac interferometer. Applied Physics Letters, 2007, 90, 151113.	1.5	371
2	Flexible and High-Voltage Coaxial-Fiber Aqueous Rechargeable Zinc-Ion Battery. Nano Letters, 2019, 19, 4035-4042.	4.5	202
3	A selectively coated photonic crystal fiber based surface plasmon resonance sensor. Journal of Optics (United Kingdom), 2010, 12, 015005.	1.0	185
4	Refractive index sensor using microfiber-based Mach-Zehnder interferometer. Optics Letters, 2012, 37, 67.	1.7	169
5	Measurements of refractive index sensitivity using long-period grating refractometer. Optics Communications, 2004, 229, 65-69.	1.0	161
6	Thermally drawn advanced functional fibers: New frontier of flexible electronics. Materials Today, 2020, 35, 168-194.	8.3	153
7	Cascaded fiber-optic Fabry-Perot interferometers with Vernier effect for highly sensitive measurement of axial strain and magnetic field. Optics Express, 2014, 22, 19581.	1.7	149
8	Tunable and switchable dual-wavelength Tm-doped mode-locked fiber laser by nonlinear polarization evolution. Optics Express, 2015, 23, 4369.	1.7	145
9	Highly sensitive refractive index sensor based on cascaded microfiber knots with Vernier effect. Optics Express, 2015, 23, 6662.	1.7	138
10	Refractive index sensing based on higher-order mode reflection of a microfiber Bragg grating. Optics Express, 2010, 18, 26345.	1.7	118
11	Measurement of a Topological Edge Invariant in a Microwave Network. Physical Review X, 2015, 5, .	2.8	113
12	Long period grating cascaded to photonic crystal fiber modal interferometer for simultaneous measurement of temperature and refractive index. Optics Letters, 2012, 37, 2283.	1.7	112
13	Ultrawideband monocycle generation using cross-phase modulation in a semiconductor optical amplifier. Optics Letters, 2007, 32, 1223.	1.7	107
14	Single-Longitudinal-Mode Erbium-Doped Fiber Ring Laser Based on High Finesse Fiber Bragg Grating Fabry-Perot Etalon. IEEE Photonics Technology Letters, 2008, 20, 976-978.	1.3	107
15	Strain-insensitive and high-temperature long-period gratings inscribed in photonic crystal fiber. Optics Letters, 2005, 30, 367.	1.7	103
16	Review of diverse optical fibers used in biomedical research and clinical practice. Journal of Biomedical Optics, 2014, 19, 080902.	1.4	103
17	Ultrathin graphene diaphragm-based extrinsic Fabry-Perot interferometer for ultra-wideband fiber optic acoustic sensing. Optics Express, 2018, 26, 20758.	1.7	102
18	Nanostructural zinc oxide and its electrical and optical properties. Journal of Applied Physics, 2004, 95, 661-666.	1.1	93

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19	Magnetic field sensor using tilted fiber grating interacting with magnetic fluid. Optics Express, 2013, 21, 17863.	1.7	93
20	High-energy laser pulse with a submegahertz repetition rate from a passively mode-locked fiber laser. Optics Letters, 2009, 34, 1432.	1.7	91
21	Stable room-temperature multi-wavelength lasing realization in ordinary erbium-doped fiber loop lasers. Optics Express, 2006, 14, 9293.	1.7	89
22	An optically tunable wideband optoelectronic oscillator based on a bandpass microwave photonic filter. Optics Express, 2013, 21, 16381.	1.7	89
23	Humidity Sensor With a PVA-Coated Photonic Crystal Fiber Interferometer. IEEE Sensors Journal, 2013, 13, 2214-2216.	2.4	85
24	A simplified model and optimal design of a multiwavelength backward-pumped fiber Raman amplifier. IEEE Photonics Technology Letters, 2001, 13, 945-947.	1.3	82
25	Fabrication and Characterization of a Highly Temperature Sensitive Device Based on Nematic Liquid Crystal-Filled Photonic Crystal Fiber. IEEE Photonics Journal, 2012, 4, 1248-1255.	1.0	82
26	Multiwavelength Raman fiber laser with a continuously-tunable spacing. Optics Express, 2006, 14, 3288.	1.7	81
27	Ultrafast All-Optical Signal Processing Based on Single Semiconductor Optical Amplifier and Optical Filtering. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 770-778.	1.9	81
28	Optical fiber magnetic field sensor based on magnetic fluid and microfiber mode interferometer. Optics Communications, 2015, 336, 5-8.	1.0	80
29	Exceptional points in a non-Hermitian topological pump. Physical Review B, 2017, 95, .	1.1	79
30	Low-loss all-solid photonic bandgap fiber. Optics Letters, 2007, 32, 1023.	1.7	77
31	Experimental demonstration of large capacity WSDM optical access network with multicore fibers and advanced modulation formats. Optics Express, 2015, 23, 10997.	1.7	77
32	Directional torsion and temperature discrimination based on a multicore fiber with a helical structure. Optics Express, 2018, 26, 544.	1.7	76
33	Instantaneous Microwave Frequency Measurement Using Photonic Technique. IEEE Photonics Technology Letters, 2009, 21, 1069-1071.	1.3	75
34	Photonic crystal fiber tip interferometer for refractive index sensing. Optics Letters, 2012, 37, 1373.	1.7	74
35	Single-wall carbon nanotubes and graphene oxide-based saturable absorbers for low phase noise mode-locked fiber lasers. Scientific Reports, 2016, 6, 25266.	1.6	74
36	Temperature-insensitive tilt sensor with strain-chirped fiber Bragg gratings. IEEE Photonics Technology Letters, 2005, 17, 2394-2396.	1.3	73

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37	A novel temperature-insensitive fiber Bragg grating sensor for displacement measurement. Smart Materials and Structures, 2005, 14, N7-N10.	1.8	73
38	Design and fabrication of elliptical-core few-mode fiber for MIMO-less data transmission. Optics Letters, 2016, 41, 3058.	1.7	73
39	Sensitivity Enhancement in Surface Plasmon Resonance Biochemical Sensor Based on Transition Metal Dichalcogenides/Graphene Heterostructure. Sensors, 2018, 18, 2056.	2.1	73
40	Highly sensitive SERS detection and quantification of sialic acid on single cell using photonic-crystal fiber with gold nanoparticles. Biosensors and Bioelectronics, 2015, 64, 227-233.	5.3	71
41	Temperature Sensor by Using Selectively Filled Photonic Crystal Fiber Sagnac Interferometer. IEEE Photonics Journal, 2012, 4, 1801-1808.	1.0	70
42	Fiber Bragg gratings in heterogeneous multicore fiber for directional bending sensing. Journal of Optics (United Kingdom), 2016, 18, 085705.	1.0	70
43	Highly sensitive strain sensor based on helical structure combined with Mach-Zehnder interferometer in multicore fiber. Scientific Reports, 2017, 7, 46633.	1.6	69
44	Thermally tunable narrow-bandpass filter based on a linearly chirped fiber Bragg grating. Optics Letters, 2004, 29, 29.	1.7	68
45	Intensity-modulated magnetic field sensor based on magnetic fluid and optical fiber gratings. Applied Physics Letters, 2013, 103, 183511.	1.5	68
46	Ultra-High Sensitive Quasi-Distributed Acoustic Sensor Based on Coherent OTDR and Cylindrical Transducer. Journal of Lightwave Technology, 2020, 38, 929-938.	2.7	68
47	Security-Enhanced OFDM-PON Using Hybrid Chaotic System. IEEE Photonics Technology Letters, 2015, 27, 326-329.	1.3	66
48	High-sensitivity birefringent and single-layer coating photonic crystal fiber biosensor based on surface plasmon resonance. Applied Optics, 2018, 57, 1883.	0.9	66
49	Highly sensitive gas refractometers based on optical microfiber modal interferometers operating at dispersion turning point. Optics Express, 2018, 26, 29148.	1.7	66
50	Multi-wavelength linear-cavity tunable fiber laser using a chirped fiber Bragg grating and a few-mode fiber Bragg grating. Optics Express, 2005, 13, 5614.	1.7	65
51	Photonic-assisted microwave frequency measurement with higher resolution and tunable range. Optics Letters, 2009, 34, 743.	1.7	65
52	Theoretical Study of Dual-Core Photonic Crystal Fibers With Metal Wire. IEEE Photonics Journal, 2012, 4, 1178-1187.	1.0	65
53	Secure OFDM-PON System Based on Chaos and Fractional Fourier Transform Techniques. Journal of Lightwave Technology, 2014, 32, 2629-2635.	2.7	65
54	Deep-notch, ultracompact long-period grating in a large-mode-area photonic crystal fiber. Optics Letters, 2003, 28, 2467.	1.7	64

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55	Fiber Cavity Ring-Down Refractive Index Sensor. IEEE Photonics Technology Letters, 2008, 20, 1351-1353.	1.3	64
56	Theoretical analysis of modulation response and second-order harmonic distortion in vertical-cavity surface-emitting lasers. IEEE Journal of Quantum Electronics, 1996, 32, 2139-2147.	1.0	63
57	Novel Miniaturized Fabry-Pérot Refractometer Based on a Simplified Hollow-Core Fiber With a Hollow Silica Sphere Tip. IEEE Sensors Journal, 2012, 12, 1239-1245.	2.4	63
58	Few-mode fiber based Raman distributed temperature sensing. Optics Express, 2017, 25, 4907.	1.7	63
59	A largely tunable CFBG-based dispersion compensator with fixed center wavelength. Optics Express, 2003, 11, 2970.	1.7	61
60	Photonic measurement of microwave frequency based on phase modulation. Optics Express, 2009, 17, 7217.	1.7	61
61	High-energy wave-breaking-free pulse from all-fiber mode-locked laser system. Optics Express, 2009, 17, 7222.	1.7	61
62	Ultrasensitive Exhaled Breath Sensors Based on Anti-Resonant Hollow Core Fiber with In Situ Grown ZnO ₂ O ₃ Nanosheets. Advanced Materials Interfaces, 2021, 8, 2001978.	1.9	61
63	Simultaneous measurement of relative humidity and temperature with PCF-MZI cascaded by fiber Bragg grating. Optics Communications, 2013, 303, 42-45.	1.0	59
64	Bidirectional passively mode-locked soliton fiber laser with a four-port circulator. Optics Letters, 2011, 36, 2089.	1.7	58
65	Side-channel photonic crystal fiber for surface enhanced Raman scattering sensing. Sensors and Actuators B: Chemical, 2016, 223, 195-201.	4.0	58
66	Hybrid Graphene/Gold Plasmonic Fiber-Optic Biosensor. Advanced Materials Technologies, 2017, 2, 1600185.	3.0	58
67	Photonic generation of tunable microwave signals by beating a dual-wavelength single longitudinal mode fiber ring laser. Applied Physics B: Lasers and Optics, 2008, 91, 99-103.	1.1	57
68	Polarization dependent guiding in liquid crystal filled photonic crystal fibers. Optics Communications, 2008, 281, 1598-1606.	1.0	57
69	Twist sensor based on axial strain insensitive distributed Bragg reflector fiber laser. Optics Express, 2012, 20, 2844.	1.7	57
70	Simplified Hollow-Core Fiber-Based Fabry-Pérot Interferometer With Modified Vernier Effect for Highly Sensitive High-Temperature Measurement. IEEE Photonics Journal, 2015, 7, 1-10.	1.0	57
71	Reflective liquid level sensor based on modes conversion in thin-core fiber incorporating tilted fiber Bragg grating. Optics Express, 2014, 22, 11834.	1.7	55
72	Heterogeneous all-solid multicore fiber based multipath Michelson interferometer for high temperature sensing. Optics Express, 2016, 24, 20210.	1.7	55

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73	Output power characteristics of tunable erbium-doped fiber ring lasers. <i>Journal of Lightwave Technology</i> , 2005, 23, 1334-1341.	2.7	54
74	Passive mode locking at harmonics of the free spectral range of the intracavity filter in a fiber ring laser. <i>Optics Letters</i> , 2005, 30, 2852.	1.7	53
75	Design for broadband high-efficiency grating couplers. <i>Optics Letters</i> , 2012, 37, 530.	1.7	53
76	Wavelength-selective all-fiber filter based on a single long-period fiber grating and a misaligned splicing point. <i>Optics Communications</i> , 2006, 258, 159-163.	1.0	52
77	All-solid multi-core fiber-based multipath Mach-Zehnder interferometer for temperature sensing. <i>Applied Physics B: Lasers and Optics</i> , 2013, 112, 491-497.	1.1	52
78	Ultra-sensitive chemical and biological analysis via specialty fibers with built-in microstructured optofluidic channels. <i>Lab on A Chip</i> , 2018, 18, 655-661.	3.1	52
79	Phase sensitive SPR sensor for wide dynamic range detection. <i>Optics Letters</i> , 2011, 36, 4092.	1.7	51
80	Performance-Enhanced Direct Detection Optical OFDM Transmission With CAZAC Equalization. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1507-1510.	1.3	51
81	Photonic ultrawideband monocycle pulse generation using a single electro-optic modulator. <i>Optics Letters</i> , 2008, 33, 288.	1.7	50
82	In-line optofluidic refractive index sensing in a side-channel photonic crystal fiber. <i>Optics Express</i> , 2016, 24, 27674.	1.7	50
83	Widely tunable Tm-doped mode-locked all-fiber laser. <i>Scientific Reports</i> , 2016, 6, 27245.	1.6	50
84	A 105-nm Ultrawide-Band Gain-Flattened Amplifier Combining π - and $\pi/2$ -Band Dual-Core EDFAs in a Parallel Configuration. <i>IEEE Photonics Technology Letters</i> , 2004, 16, 1640-1642.	1.3	49
85	Temperature-insensitive fiber Bragg grating accelerometer. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 1437-1439.	1.3	48
86	40 Gb/s all-optical NRZ to RZ format conversion using single SOA assisted by optical bandpass filter. <i>Optics Express</i> , 2007, 15, 2907.	1.7	48
87	Simple and compact reflective refractometer based on tilted fiber Bragg grating inscribed in thin-core fiber. <i>Optics Letters</i> , 2014, 39, 22.	1.7	48
88	All-fiber multiwavelength thulium-doped laser assisted by four-wave mixing in highly germania-doped fiber. <i>Optics Express</i> , 2015, 23, 340.	1.7	48
89	Ultra-Low-Loss High-Contrast Gratings Based Spoof Surface Plasmonic Waveguide. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 2008-2018.	2.9	48
90	Microfiber Fabry-Perot interferometer fabricated by taper-drawing technique and its application as a radio frequency interrogated refractive index sensor. <i>Optics Letters</i> , 2012, 37, 2925.	1.7	47

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91	A Selectable Multiband Bandpass Microwave Photonic Filter. IEEE Photonics Journal, 2013, 5, 5500509-5500509.	1.0	47
92	An optical fiber network oracle for NP-complete problems. Light: Science and Applications, 2014, 3, e147-e147.	7.7	47
93	Polarization-maintaining few mode fiber composed of a central circular-hole and an elliptical-ring core. Photonics Research, 2017, 5, 261.	3.4	47
94	An effective splicing method on photonic crystal fiber using CO2 laser. IEEE Photonics Technology Letters, 2003, 15, 942-944.	1.3	46
95	All-normal-dispersion passively mode-locked Yb-doped fiber ring laser based on a graphene oxide saturable absorber. Laser Physics Letters, 2013, 10, 075108.	0.6	46
96	Improved location algorithm for multiple intrusions in distributed Sagnac fiber sensing system. Optics Express, 2014, 22, 7587.	1.7	46
97	Temperature-insensitive accelerometer based on a strain-chirped FBG. Sensors and Actuators A: Physical, 2010, 157, 15-18.	2.0	45
98	Electron-Rich Two-Dimensional Molybdenum Trioxides for Highly Integrated Plasmonic Biosensing. ACS Photonics, 2018, 5, 347-352.	3.2	45
99	Switching dynamics of short optical pulses in a nonlinear directional coupler. IEEE Journal of Quantum Electronics, 1999, 35, 79-83.	1.0	44
100	Temperature insensitive measurements of static displacements using a fiber Bragg grating. Optics Express, 2003, 11, 1918.	1.7	44
101	Passive harmonic mode locking of twin-pulse solitons in an erbium-doped fiber ring laser. Optics Communications, 2004, 229, 363-370.	1.0	44
102	Sensitivity-enhanced fiber optic temperature sensor with strain response suppression. Optical Fiber Technology, 2013, 19, 289-292.	1.4	44
103	Spatial-Division Multiplexed Mach-Zehnder Interferometers in Heterogeneous Multicore Fiber for Multiparameter Measurement. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	44
104	Linear cavity erbium-doped fiber laser with over 100 nm tuning range. Optics Express, 2003, 11, 1689.	1.7	43
105	A stable dual-wavelength fiber laser with tunable wavelength spacing using a polarization-maintaining linear cavity. Applied Physics B: Lasers and Optics, 2005, 81, 807-811.	1.1	43
106	Real-Time Denoising of Brillouin Optical Time Domain Analyzer With High Data Fidelity Using Convolutional Neural Networks. Journal of Lightwave Technology, 2019, 37, 2648-2653.	2.7	43
107	Sensing and lasing applications of whispering gallery mode microresonators. Opto-Electronic Advances, 2018, 1, 18001501-18001510.	6.4	43
108	One-step synthesis of cyclodextrin-capped gold nanoparticles for ultra-sensitive and highly-integrated plasmonic biosensors. Sensors and Actuators B: Chemical, 2019, 286, 429-436.	4.0	42

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109	A novel method for analysis of soliton propagation in optical fibers. IEEE Journal of Quantum Electronics, 1995, 31, 190-200.	1.0	41
110	Low-loss air-core polarization maintaining terahertz fiber. Optics Express, 2008, 16, 13593.	1.7	41
111	A Compact and Temperature-Sensitive Directional Coupler Based on Photonic Crystal Fiber Filled With Liquid Crystal 6CHBT. IEEE Photonics Journal, 2012, 4, 2010-2016.	1.0	41
112	Dual spectrometer system with spectral compounding for 1- $\frac{1}{4}$ m optical coherence tomography in vivo. Optics Letters, 2014, 39, 6727.	1.7	41
113	Real-time dynamics of soliton triplets in fiber lasers. Photonics Research, 2020, 8, 884.	3.4	41
114	Bound soliton pulses in passively mode-locked fiber laser. Optics Communications, 2001, 200, 389-399.	1.0	40
115	Dispersion-flattened polarization-maintaining photonic crystal fiber for nonlinear applications. Optics Communications, 2009, 282, 4072-4076.	1.0	40
116	Instantaneous Microwave Frequency Measurement Using a Photonic Microwave Filter With an Infinite Impulse Response. IEEE Photonics Technology Letters, 2010, 22, 682-684.	1.3	40
117	Sensitivity-controllable refractive index sensor based on reflective $\hat{\Gamma}$ -shaped microfiber resonator cooperated with Vernier effect. Scientific Reports, 2017, 7, 9620.	1.6	40
118	Hydrazone organics with third-order nonlinear optical effect for femtosecond pulse generation and control in the L-band. Optics and Laser Technology, 2022, 151, 108016.	2.2	40
119	A Wavelength-Switchable Passively Harmonically Mode-Locked Fiber Laser With Low Pumping Threshold Using Single-Walled Carbon Nanotubes. IEEE Photonics Technology Letters, 2010, 22, 754-756.	1.3	39
120	Rational Construction of Self-Standing Sulfur-Doped Fe ₂ O ₃ Anodes with Promoted Energy Storage Capability for Wearable Aqueous Rechargeable NiCo-Fe Batteries. Advanced Energy Materials, 2020, 10, 2001064.	10.2	39
121	Pulse-train nonuniformity in a fiber soliton ring laser mode-locked by using the nonlinear polarization rotation technique. Physical Review A, 2004, 69, .	1.0	38
122	Nonlinear Polarization Rotation in Semiconductor Optical Amplifiers With Linear Polarization Maintenance. IEEE Photonics Technology Letters, 2007, 19, 1931-1933.	1.3	38
123	Evanescent Field Absorption Sensor Using a Pure-Silica Defected-Core Photonic Crystal Fiber. IEEE Photonics Technology Letters, 2008, 20, 336-338.	1.3	38
124	An efficient approach for investigating surface plasmon resonance in asymmetric optical fibers based on birefringence analysis. Optics Express, 2010, 18, 17950.	1.7	38
125	Electrically tunable dispersion compensator with fixed center wavelength using fiber bragg grating. Journal of Lightwave Technology, 2003, 21, 1568-1575.	2.7	37
126	Ultra-wideband pulse generation with flexible pulse shape and polarity control using a Sagnac-interferometer-based intensity modulator. Optics Express, 2007, 15, 18156.	1.7	37

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127	Simultaneous wavelength and frequency encoded microstructure based quasi-distributed temperature sensor. <i>Optics Express</i> , 2012, 20, 12076.	1.7	37
128	Efficient spot size converter for higher-order mode fiber-chip coupling. <i>Optics Letters</i> , 2017, 42, 3702.	1.7	37
129	Instantaneous Microwave Frequency Measurement Based on Amplified Fiber-Optic Recirculating Delay Loop and BroadBand Incoherent Light Source. <i>Journal of Lightwave Technology</i> , 2011, 29, 78-84.	2.7	36
130	Multiwavelength Brillouin-Erbium Random Fiber Laser Incorporating a Chirped Fiber Bragg Grating. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2014, 20, 294-298.	1.9	36
131	An Ultra-Sensitive Magnetic Field Sensor Based on Extrinsic Fiber-Optic Fabry-Pérot Interferometer and Terfenol-D. <i>Journal of Lightwave Technology</i> , 2015, 33, 3332-3337.	2.7	36
132	Spatial-division multiplexed hybrid Raman and Brillouin optical time-domain reflectometry based on multi-core fiber. <i>Optics Express</i> , 2016, 24, 25111.	1.7	36
133	Towards large dynamic range and ultrahigh measurement resolution in distributed fiber sensing based on multicore fiber. <i>Optics Express</i> , 2017, 25, 20183.	1.7	36
134	Bandwidth-Efficient WDM Channel Allocation for Four-Wave Mixing-Effect Minimization. <i>IEEE Transactions on Communications</i> , 2004, 52, 2184-2189.	4.9	35
135	Bandwidth analysis of waveguide grating coupler. <i>Optics Express</i> , 2013, 21, 5688.	1.7	35
136	Multicore-Fiber-Enabled WSDM Optical Access Network With Centralized Carrier Delivery and RSOA-Based Adaptive Modulation. <i>IEEE Photonics Journal</i> , 2015, 7, 1-9.	1.0	35
137	Single SOA based all-optical adder assisted by optical bandpass filter: Theoretical analysis and performance optimization. <i>Optics Communications</i> , 2007, 270, 238-246.	1.0	34
138	Temperature-Insensitive 2-D Pendulum Clinometer Using Two Fiber Bragg Gratings. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 863-865.	1.3	34
139	Observation of timing jitter reduction induced by spectral filtering in a fiber laser mode locked with a carbon nanotube-based saturable absorber. <i>Optics Letters</i> , 2010, 35, 2320.	1.7	34
140	A Simple Nanometric Plasmonic Narrow-Band Filter Structure Based on Metal-Insulator-Metal Waveguide. <i>IEEE Nanotechnology Magazine</i> , 2011, 10, 1371-1376.	1.1	34
141	Tunable Multi-Tap Bandpass Microwave Photonic Filter Using a Windowed Fabry-Pérot Filter-Based Multi-Wavelength Tunable Laser. <i>Journal of Lightwave Technology</i> , 2011, 29, 3381-3386.	2.7	34
142	Square array photonic crystal fiber-based surface plasmon resonance refractive index sensor. <i>Modern Physics Letters B</i> , 2017, 31, 1750352.	1.0	34
143	Magnetic Field Sensor Based on Magnetic Fluid-Infiltrated Phase-Shifted Fiber Bragg Grating. <i>IEEE Sensors Journal</i> , 2018, 18, 4008-4012.	2.4	34
144	Compact double-part grating coupler for higher-order mode coupling. <i>Optics Letters</i> , 2018, 43, 3172.	1.7	34

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145	A performance analysis of an all-optical clock extraction circuit based on Fabry-Perot filter. Journal of Lightwave Technology, 2001, 19, 603-613.	2.7	33
146	Design of air-guiding honeycomb photonic bandgap fiber. Optics Letters, 2005, 30, 465.	1.7	33
147	Vector solitons in a laser passively mode-locked by single-wall carbon nanotubes. Optics Communications, 2011, 284, 2007-2011.	1.0	33
148	An Electrooptic Chaotic System Based on a Hybrid Feedback Loop. Journal of Lightwave Technology, 2018, 36, 4259-4266.	2.7	33
149	Enhancing the Physical Layer Security of OFDM-PONs With Hardware Fingerprint Authentication: A Machine Learning Approach. Journal of Lightwave Technology, 2020, 38, 3238-3245.	2.7	33
150	Experimental observation of shaking soliton molecules in a dispersion-managed fiber laser. Optics Letters, 2020, 45, 1551.	1.7	33
151	Semiconductor-laser-based hybrid chaos source and its application in secure key distribution. Optics Letters, 2019, 44, 2605.	1.7	33
152	Magnetic Field Sensor With Optical Fiber Bitaper-Based Interferometer Coated by Magnetic Fluid. IEEE Sensors Journal, 2014, 14, 3148-3151.	2.4	32
153	Random Laser With Multiphase-Shifted Bragg Grating in Er/Yb-Codoped Fiber. Journal of Lightwave Technology, 2015, 33, 95-99.	2.7	32
154	Experimental investigation of inter-core crosstalk tolerance of MIMO-OFDM/OQAM radio over multicore fiber system. Optics Express, 2016, 24, 13418.	1.7	32
155	Bound twin-pulse solitons in a fiber ring laser. Physical Review E, 2004, 70, 067602.	0.8	31
156	Regimes of operation states in passively mode-locked fiber soliton ring laser. Optics and Laser Technology, 2004, 36, 299-307.	2.2	31
157	Dual-Loop Optical Buffer (DLOB) Based on a 3×3 Collinear Fiber Coupler. IEEE Photonics Technology Letters, 2004, 16, 2129-2131.	1.3	31
158	Phase-shifted bandpass filter fabrication through CO2 laser irradiation. Optics Express, 2005, 13, 5878.	1.7	31
159	Dynamic switching of optical vortices with dynamic gamma-correction liquid crystal spiral phase plate. Optics Express, 2005, 13, 10285.	1.7	31
160	Cavity ring-down long period grating pressure sensor. Sensors and Actuators A: Physical, 2010, 158, 207-211.	2.0	31
161	Plasmonic optical trap having very large active volume realized with nano-ring structure. Optics Letters, 2012, 37, 1748.	1.7	31
162	A sensitivity enhanced temperature sensor based on highly Germania-doped few-mode fiber. Optics Communications, 2014, 324, 53-57.	1.0	31

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163	Design and analysis of surface plasmon resonance sensor based on high-birefringent microstructured optical fiber. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 065005.	1.0	31
164	Ultra-high capacity WDM-SDM optical access network with self-homodyne detection downstream and 32QAM-FBMC upstream. <i>Optics Express</i> , 2017, 25, 5951.	1.7	31
165	Application of an artificial neural network for simultaneous measurement of bending curvature and temperature with long period fiber gratings. <i>Sensors and Actuators A: Physical</i> , 2007, 137, 262-267.	2.0	30
166	Holey fiber design for single-polarization single-mode guidance. <i>Applied Optics</i> , 2009, 48, 4038.	2.1	30
167	Microfiber Fabry-Perot Interferometer for Dual-Parameter Sensing. <i>Journal of Lightwave Technology</i> , 2013, 31, 1608-1615.	2.7	30
168	Supermode Bragg grating combined Mach-Zehnder interferometer for temperature-strain discrimination. <i>Optics Express</i> , 2015, 23, 33001.	1.7	30
169	Wavelength division multiplexing secure communication scheme based on an optically coupled phase chaos system and PM-to-IM conversion mechanism. <i>Nonlinear Dynamics</i> , 2018, 94, 1949-1959.	2.7	30
170	All-Metal Phosphide Electrodes for High-Performance Quasi-Solid-State Fiber-Shaped Aqueous Rechargeable Ni-Fe Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12801-12808.	4.0	30
171	Strong resonance and a highly compact longperiod grating in a large-mode-area photonic crystal fiber. <i>Optics Express</i> , 2003, 11, 1900.	1.7	29
172	Bandwidth-tunable filter and spacing-tunable comb filter with chirped-fiber Bragg gratings. <i>Optics Communications</i> , 2006, 259, 645-648.	1.0	29
173	Temperature-independent vibration sensor with a fiber Bragg grating. <i>Microwave and Optical Technology Letters</i> , 2010, 52, 2282-2285.	0.9	29
174	Investigation of temperature sensing characteristics in selectively infiltrated photonic crystal fiber. <i>Optics Express</i> , 2016, 24, 1699.	1.7	29
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