

Fei Xu

List of Publications by Year in descending order

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234
papers

5,346
citations

74677

40
h-index

99504

67
g-index

244
all docs

244
docs citations

244
times ranked

5192
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical fiber nanowires and microwires: fabrication and applications. <i>Advances in Optics and Photonics</i> , 2009, 1, 107.	24.2	318
2	Optical microfiber coil resonator refractometric sensor. <i>Optics Express</i> , 2007, 15, 7888.	3.4	216
3	Miniaturized fiber taper reflective interferometer for high temperature measurement. <i>Optics Express</i> , 2010, 18, 14245.	3.4	171
4	Demonstration of a refractometric sensor based on optical microfiber coil resonator. <i>Applied Physics Letters</i> , 2008, 92, .	3.2	162
5	Generating Switchable and Reconfigurable Optical Vortices via Photopatterning of Liquid Crystals. <i>Advanced Materials</i> , 2014, 26, 1590-1595.	24.3	154
6	Direct electrochemistry of glucose oxidase and a biosensor for glucose based on a glass carbon electrode modified with MoS ₂ nanosheets decorated with gold nanoparticles. <i>Mikrochimica Acta</i> , 2014, 181, 1497-1503.	5.2	147
7	Embedding optical microfiber coil resonators in Teflon. <i>Optics Letters</i> , 2007, 32, 2164.	3.3	129
8	Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene. <i>Advanced Materials</i> , 2020, 32, e1907242.	24.3	129
9	An all-optical modulator based on a stereo grapheneâ€“microfiber structure. <i>Light: Science and Applications</i> , 2015, 4, e360-e360.	16.2	128
10	Demonstration of a compact temperature sensor based on first-order Bragg grating in a tapered fiber probe. <i>Optics Express</i> , 2011, 19, 18452.	3.4	124
11	Microfiber-Based Bragg Gratings for Sensing Applications: A Review. <i>Sensors</i> , 2012, 12, 8861-8876.	4.0	122
12	Multifunctional integration on optical fiber tips: challenges and opportunities. <i>Advanced Photonics</i> , 2020, 2, .	15.6	111
13	Arbitrary and reconfigurable optical vortex generation: a high-efficiency technique using director-varying liquid crystal fork gratings. <i>Photonics Research</i> , 2015, 3, 133.	6.9	110
14	An embedded optical nanowire loop resonator refractometric sensor. <i>Optics Express</i> , 2008, 16, 1062.	3.4	109
15	Highly Sensitive and Selective Determination of Dopamine in the Presence of Ascorbic Acid Using Gold Nanoparticlesâ€“Decorated MoS ₂ Nanosheets Modified Electrode. <i>Electroanalysis</i> , 2013, 25, 2523-2529.	3.0	108
16	Sensitive and Wearable Optical Microfiber Sensor for Human Health Monitoring. <i>Advanced Materials Technologies</i> , 2018, 3, 1800296.	6.2	90
17	Manufacture of 3-D Microfiber Coil Resonators. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 1481-1483.	2.5	83
18	Self-polarizing terahertz liquid crystal phase shifter. <i>AIP Advances</i> , 2011, 1, .	1.3	82

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19	Liquid crystal gratings based on alternate TN and PA photoalignment. Optics Express, 2012, 20, 5384.	3.4	81
20	Temperature sensor based on an isopropanol-sealed photonic crystal fiber in-line interferometer with enhanced refractive index sensitivity. Optics Letters, 2012, 37, 863.	3.3	80
21	Microfiber-probe-based ultrasmall interferometric sensor. Optics Letters, 2010, 35, 2308.	3.3	79
22	Silica optical fiber integrated with two-dimensional materials: towards opto-electro-mechanical technology. Light: Science and Applications, 2021, 10, 78.	16.2	78
23	Optical Microfiber Sensors: Sensing Mechanisms, and Recent Advances. Journal of Lightwave Technology, 2019, 37, 2577-2589.	4.7	66
24	A miniature reflective micro-force sensor based on a microfiber coupler. Optics Express, 2014, 22, 2443.	3.4	59
25	Tunable and enhanced light emission in hybrid WS ₂ -optical-fiber-nanowire structures. Light: Science and Applications, 2019, 8, 8.	16.2	58
26	Broadband Optical-Fiber-Compatible Photodetector Based on a Graphene-MoS ₂ -WS ₂ Heterostructure with a Synergetic Photogenerating Mechanism. Advanced Electronic Materials, 2019, 5, 1800562.	5.4	56
27	Ultra-highly sensitive surface-corrugated microfiber Bragg grating force sensor. Applied Physics Letters, 2012, 101, .	3.2	54
28	Integrated source of tunable nonmaximally mode-entangled photons in a domain-engineered lithium niobate waveguide. Applied Physics Letters, 2014, 104, 171110.	3.2	53
29	Synthesis of Easily Transferred 2D Layered Bi ₂ Nanoplates for Flexible Visible-Light Photodetectors. ACS Applied Materials & Interfaces, 2018, 10, 21527-21533.	8.3	53
30	Nonlinear frequency conversion of fields with orbital angular momentum using quasi-phase-matching. Physical Review A, 2013, 88, .	2.5	52
31	High-sensitivity optical-fiber-compatible photodetector with an integrated CsPbBr ₃ -graphene hybrid structure. Optica, 2017, 4, 835.	9.3	52
32	Optical electrical current sensor utilizing a graphene-microfiber-integrated coil resonator. Applied Physics Letters, 2015, 107, .	3.2	51
33	Optimized Design of Microcoil Resonators. Journal of Lightwave Technology, 2007, 25, 1561-1567.	4.7	50
34	A microfluidic refractometric sensor based on gratings in optical fibre microwires. Optics Express, 2009, 17, 20866.	3.4	49
35	Improvement of cytocompatibility of electrospinning PLLA microfibers by blending PVP. Journal of Materials Science: Materials in Medicine, 2009, 20, 1331-1338.	3.6	46
36	Teflon-coated microfiber resonator with weak temperature dependence. Optics Express, 2011, 19, 22923.	3.4	45

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37	Self-Assembled Wavy Optical Microfiber for Stretchable Wearable Sensor. <i>Advanced Optical Materials</i> , 2021, 9, 2002206.	7.9	45
38	Conical and biconical ultra-high-Q optical-fiber nanowire microcoil resonator. <i>Applied Optics</i> , 2007, 46, 570.	2.1	44
39	An Optical Fiber Tip Micrograting Thermometer. <i>IEEE Photonics Journal</i> , 2011, 3, 810-814.	2.0	43
40	Ultra-Sensitive Refractive Index Sensor With Slightly Tapered Photonic Crystal Fiber. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1771-1774.	2.5	41
41	Platform for enhanced light-graphene interaction length and miniaturizing fiber stereo devices. <i>Optica</i> , 2014, 1, 307.	9.3	38
42	Miniature tapered photonic crystal fiber interferometer with enhanced sensitivity by acid microdroplets etching. <i>Applied Optics</i> , 2011, 50, 4328.	2.1	37
43	Microfiber-coupler-assisted control of wavelength tuning for Q-switched fiber laser with few-layer molybdenum disulfide nanoplates. <i>Optics Letters</i> , 2015, 40, 3576.	3.3	37
44	Preservation of Micro-Optical Fibers by Embedding. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 6675-6677.	1.6	35
45	Miniature optical fiber current sensor based on a graphene membrane. <i>Laser and Photonics Reviews</i> , 2015, 9, 517-522.	10.1	35
46	“Hot-wire” microfluidic flowmeter based on a microfiber coupler. <i>Optics Letters</i> , 2016, 41, 5680.	3.3	35
47	Simultaneous cw red, yellow, and green light generation, “traffic signal lights,” by frequency doubling and sum-frequency mixing in an aperiodically poled LiTaO ₃ . <i>Applied Physics Letters</i> , 2003, 83, 228-230.	3.2	34
48	Hydrogel-Based Smart Contact Lens for Highly Sensitive Wireless Intraocular Pressure Monitoring. <i>ACS Sensors</i> , 2022, 7, 3014-3022.	8.1	34
49	All-fiber ultrafast laser generating gigahertz-rate pulses based on a hybrid plasmonic microfiber resonator. <i>Advanced Photonics</i> , 2020, 2, 1.	15.6	33
50	Miniaturized Metal-Dielectric-Hybrid Fiber Tip Grating for Refractive Index Sensing. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1712-1714.	2.5	32
51	Differential twin receiving fiber-optic magnetic field and electric current sensor utilizing a microfiber coupler. <i>Optics Express</i> , 2015, 23, 9407.	3.4	32
52	Nonlinear plasmonic frequency conversion through quasiphase matching. <i>Physical Review B</i> , 2010, 82, .	3.3	31
53	A Compact Sagnac Loop Based on a Microfiber Coupler for Twist Sensing. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 2579-2582.	2.5	31
54	A Microfiber Bragg Grating Based on a Microstructured Rod: A Proposal. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 218-220.	2.5	30

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55	A bidirectional tunable optical diode based on periodically poled LiNbO ₃ . Optics Express, 2010, 18, 7340.	3.4	30
56	Nipple discharge: The role of imaging. Diagnostic and Interventional Imaging, 2015, 96, 1017-1032.	3.1	30
57	Ethanol Gas Sensor Based on a Hybrid Polymethyl Methacrylate-Silica Microfiber Coupler. Journal of Lightwave Technology, 2018, 36, 2031-2036.	4.7	27
58	An All-Fiber Reflective Hydrogen Sensor Based on a Photonic Crystal Fiber In-Line Interferometer. IEEE Sensors Journal, 2014, 14, 1133-1136.	4.8	26
59	Towards an all-in fiber photodetector by directly bonding few-layer molybdenum disulfide to a fiber facet. Nanoscale, 2017, 9, 3424-3428.	5.8	26
60	Magnetic Field Sensing Based on Multimode Fiber Specklegrams. Journal of Lightwave Technology, 2021, 39, 3614-3619.	4.7	25
61	Recent Progress in Microfiber-Optic Sensors. Photonic Sensors, 2021, 11, 45-68.	5.0	24
62	Ultra-flattened and low dispersion in engineered microfibers with highly efficient nonlinearity reduction. Optics Express, 2011, 19, 15229.	3.4	23
63	Highly Birefringent Slot-Microfiber. IEEE Photonics Technology Letters, 2011, 23, 1034-1036.	2.5	23
64	Ampere force based photonic crystal fiber magnetic field sensor. Sensors and Actuators A: Physical, 2014, 210, 95-98.	4.2	23
65	Nonlinear optics in optical-fiber nanowires and their applications. Progress in Quantum Electronics, 2017, 55, 35-51.	7.9	23
66	Fiber-Optic Pressure Sensor Based on Tunable Liquid Crystal Technology. IEEE Photonics Journal, 2010, 2, 292-298.	2.0	22
67	Generation of NOON State With Orbital Angular Momentum in a Twisted Nonlinear Photonic Crystal. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 225-230.	3.2	21
68	Hollow core micro-fiber for optical wave guiding and microfluidic manipulation. Sensors and Actuators B: Chemical, 2018, 262, 953-957.	8.0	21
69	Optical microfiber coil resonator refractometric sensor: erratum. Optics Express, 2007, 15, 9385.	3.4	20
70	A Transflective Nano-Wire Grid Polarizer Based Fiber-Optic Sensor. Sensors, 2011, 11, 2488-2495.	4.0	20
71	A three-beam path photonic crystal fiber modal interferometer and its sensing applications. Journal of Applied Physics, 2010, 108, .	2.3	19
72	Dispersion Study of Optical Nanowire Microcoil Resonators. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1102-1106.	3.2	19

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73	Entanglement of photons with complex spatial structure in Hermite-Laguerre-Gaussian modes. <i>Physical Review A</i> , 2016, 94, .	2.5	19
74	A modified lattice boltzmann method for herschel-bulkley fluids. <i>Rheologica Acta</i> , 2017, 56, 369-376.	2.4	19
75	A review on optical microfibers in fluidic applications. <i>Journal of Micromechanics and Microengineering</i> , 2017, 27, 093001.	2.6	19
76	Fiber-Optic Point-Based Sensor Using Specklegram Measurement. <i>Sensors</i> , 2017, 17, 2429.	4.0	18
77	Liquidâ€Crystalâ€Mediated Active Waveguides toward Programmable Integrated Optics. <i>Advanced Optical Materials</i> , 2020, 8, 1902033.	7.9	18
78	Versatile hybrid plasmonic microfiber knot resonator. <i>Optics Letters</i> , 2017, 42, 3395.	3.3	18
79	Optical frequency comb generation through quasi-phase matched quadratic frequency conversion in a micro-ring resonator. <i>Optics Express</i> , 2012, 20, 17192.	3.4	17
80	Label-free fiber nanograting sensor for real-time in situ early monitoring of cellular apoptosis. <i>Advanced Photonics</i> , 2022, 4, .	15.6	17
81	Multifunctional optical nanofiber polarization devices with 3D geometry. <i>Optics Express</i> , 2014, 22, 17890.	3.4	16
82	Mechanical Modulation of a Hybrid Grapheneâ€Microfiber Structure. <i>Advanced Optical Materials</i> , 2016, 4, 853-857.	7.9	16
83	A Systematic Review of the Effect of Dietary Supplements on Cognitive Performance in Healthy Young Adults and Military Personnel. <i>Nutrients</i> , 2020, 12, 545.	4.2	16
84	Complete measurement and multiplexing of orbital angular momentum Bell states. <i>Physical Review A</i> , 2019, 100, .	2.5	15
85	Tailoring entanglement through domain engineering in a lithium niobate waveguide. <i>Scientific Reports</i> , 2014, 4, 4812.	3.4	14
86	Periodic micro-structures in optical microfibers induced by Plateau-Rayleigh instability and its applications. <i>Optics Express</i> , 2017, 25, 4326.	3.4	14
87	Visible and Online Detection of Nearâ€Infrared Optical Vortices via Nonlinear Photonic Crystals. <i>Advanced Optical Materials</i> , 2022, 10, 2101098.	7.9	13
88	Polarization independent quasi-phase-matched sum frequency generation for single photon detection. <i>Optics Express</i> , 2011, 19, 380.	3.4	12
89	Electro-optic tunable optical isolator in periodically poled LiNbO3. <i>Journal of Applied Physics</i> , 2011, 109, 053111.	2.3	12
90	Efficient surface second-harmonic generation in slot micro/nano-fibers. <i>Optics Express</i> , 2013, 21, 11554.	3.4	12

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91	All-fiber reflective single-pixel imaging with long working distance. <i>Optics and Laser Technology</i> , 2023, 158, 108909.	4.6	12
92	Optical parametric amplification of arbitrarily polarized light in periodically poled LiNbO ₃ . <i>Optics Express</i> , 2012, 20, 19343.	3.4	11
93	Surface Plasmon Interferometer Based on Wedge Metal Waveguide and Its Sensing Applications. <i>IEEE Photonics Journal</i> , 2012, 4, 291-299.	2.0	11
94	Simulation of Optical Microfiber Strain Sensors Based on Four-Wave Mixing. <i>IEEE Sensors Journal</i> , 2016, 16, 3068-3074.	4.8	11
95	A Flexible Wireless Dielectric Sensor for Noninvasive Fluid Monitoring. <i>Sensors</i> , 2020, 20, 174.	4.0	11
96	Tunable broadband isolator based on electro-optically induced linear gratings in a nonlinear photonic crystal. <i>Optics Letters</i> , 2010, 35, 3327.	3.3	10
97	Acousto-optic tunable second harmonic generation in periodically poled LiNbO ₃ . <i>Optics Express</i> , 2009, 17, 11965.	3.4	9
98	Squeezing a Surface Plasmon through Quadratic Nonlinear Interactions. <i>ACS Photonics</i> , 2016, 3, 2074-2082.	6.9	9
99	Extremely High-Efficiency Coupling Method for Hollow-Core Photonic Crystal Fiber. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	2.0	9
100	Manipulation of Nonlinear Optical Properties of Graphene Bonded Fiber Devices by Thermally Engineering Fermi's Dirac Distribution. <i>Advanced Optical Materials</i> , 2017, 5, 1700630.	7.9	9
101	Optically levitated conveyor belt based on polarization-dependent metasurface lens arrays. <i>Optics Letters</i> , 2022, 47, 2194.	3.3	9
102	High-Q filtering and dynamic modulation in all-dielectric metasurfaces induced by quasi-BIC. <i>Optics Express</i> , 2022, 30, 18264.	3.4	9
103	A Heterodyne Optical Fiber Current Sensor Based on a Nanowire-Grid In-Line Polarizer. <i>IEEE Photonics Journal</i> , 2012, 4, 1288-1294.	2.0	8
104	Quantum entanglement based on surface phonon polaritons in condensed matter systems. <i>AIP Advances</i> , 2013, 3, .	1.3	8
105	Fiber-optic Lorentz force magnetometer based on a gold-graphene composite membrane. <i>Applied Physics Letters</i> , 2018, 112, .	3.2	8
106	Fabrication of Micro- and Nanopatterned Nafion Thin Films with Tunable Mechanical and Electrical Properties Using Thermal Evaporation-Induced Capillary Force Lithography. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002005.	4.1	8
107	Ultra-compact Multicore Fiber De-Multiplexer Using an Endface-Integrating Graphene Photodetector Array. <i>ACS Photonics</i> , 2022, 9, 1808-1813.	6.9	8
108	Large Curvature Bending Measurable Fiber-Optic Neurons for Multi-Joint Bending Perception. <i>Journal of Lightwave Technology</i> , 2023, 41, 5780-5787.	4.7	8

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109	Complete conversion of sum-frequency generation enhanced by controllable linear gratings induced by an electro-optic effect in a periodic optical superlattice. <i>Physical Review A</i> , 2003, 68, .	2.5	7
110	Mathematical model for manufacturing microfiber coil resonators. <i>Optical Engineering</i> , 2010, 49, 044001.	1.0	7
111	Broadband and highly efficient quadratic interactions in double-slot lithium niobate waveguides through phase matching. <i>Optics Letters</i> , 2011, 36, 2533.	3.3	7
112	Electromagnetically induced transparency-like transmission in periodically poled lithium niobate with a defect. <i>Optics Letters</i> , 2011, 36, 4434.	3.3	7
113	Highly Birefringent Optical-Fiberized Slot Waveguide for Miniature Polarimetric Interference Sensors: A Proposal. <i>IEEE Sensors Journal</i> , 2012, 12, 1681-1685.	4.8	7
114	Optical conveyor belt based on a plasmonic metasurface with polarization dependent hot spot arrays. <i>Optics Letters</i> , 2021, 46, 1522.	3.3	7
115	Compact fiber-integrated scattering device based on mixed-phase TiO ₂ for speckle spectrometer. <i>Optics Letters</i> , 2022, 47, 1606.	3.3	7
116	Microfiber Bragg Grating Bonded Using Tapered Cantilever for High-Sensitivity Ultrasonic Detection. <i>Journal of Lightwave Technology</i> , 2023, 41, 355-361.	4.7	7
117	Highly efficient direct third-harmonic generation based on control of the electro-optic effect in quasi-periodic optical superlattices. <i>Optics Letters</i> , 2003, 28, 429.	3.3	6
118	Simultaneous high-efficiency and equal-level second- and third-harmonic generation achieved by controllable linear gratings in a quasiperiodic optical superlattice. <i>Physical Review A</i> , 2003, 68, .	2.5	6
119	Influence of van der Waals forces on the waveguide deformation and power limit of nanoscale waveguide devices. <i>Physical Review A</i> , 2014, 89, .	2.5	6
120	Quasi-Phase-Matching Method Based on Coupling Compensation for Surface Second-Harmonic Generation in Optical Fiber Nanowire Coupler. <i>ACS Photonics</i> , 2018, 5, 3916-3922.	6.9	6
121	All-fiber online Raman sensor with enhancement via a Fabry-Perot cavity. <i>Optics Letters</i> , 2020, 45, 5760.	3.3	6
122	Optical fiber tip integrated photoelectrochemical sensors. <i>Optics Express</i> , 2022, 30, 6818.	3.4	6
123	Ultralow-power all-optical switching via a chiral Mach-Zehnder interferometer. <i>Optics Express</i> , 2022, 30, 19199.	3.4	6
124	Anti-perturbation Multimode Fiber Imaging Based on the Active Measurement of the Fiber Configuration. <i>ACS Photonics</i> , 2023, 10, 3476-3483.	6.9	6
125	POLARIZATION INSENSITIVE QUASI-PHASE-MATCHED SECOND HARMONIC GENERATION. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2011, 20, 129-136.	2.3	5
126	Measurement of Surface Plasmon Polariton Enhanced Goos-Hanchen Shift Based on Grating and Liquid Crystal Technologies. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1829-1831.	2.5	5

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127	Modeling of the influence of coupling in optical microfiber resonators. Optics Express, 2012, 20, 14392.	3.4	5
128	Miniaturized broadband highly birefringent device with stereo rod-microfiber-air structure. Optics Express, 2012, 20, 28431.	3.4	5
129	Reconfigurable optical-force-drive chirp and delay line in micro- or nanofiber Bragg grating. Physical Review A, 2015, 91, .	2.5	5
130	Speckle-based fiber sensor for temperature measurement. , 2017, , .		5
131	An all fiber apparatus for microparticles selective manipulation based on a variable ratio coupler and a microfiber. Optical Fiber Technology, 2016, 31, 126-129.	2.8	4
132	A Fiber Laser Using Graphene-Integrated 3-D Microfiber Coil. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	4
133	Single-Pixel Imaging Based on Optical Fibers. IEEE Photonics Journal, 2020, 12, 1-7.	2.0	4
134	Multifunctional all-fiber mode-locked laser based on graphene-integrated polarization-dependent microfiber resonator. Optics and Laser Technology, 2021, 143, 107381.	4.6	4
135	Loop-mirror-based slot waveguide refractive index sensor. AIP Advances, 2012, 2, 042142.	1.3	4
136	Demonstration of a microelectromechanical tunable Fabry-Pérot cavity based on graphene-bonded fiber devices. Optics Letters, 2019, 44, 1876.	3.3	4
137	Lensless Fiber Imaging With Long Working Distance Based on Active Depth Measurement. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-7.	4.7	4
138	Temperature characteristics of microfiber coil resonators embedded in teflon. Proceedings of SPIE, 2011, , .	1.0	3
139	All-fiber vibration sensor based on nano-wire grid polarizer. Optical Engineering, 2012, 51, 050504.	1.0	3
140	Coupling influence on the refractive index sensitivity of photonic wire ring resonator. Optics Communications, 2012, 285, 5144-5147.	2.2	3
141	Lead silicate fiber-based, refractive index-independent temperature sensor. Journal of Modern Optics, 2013, 60, 851-853.	1.4	3
142	Photon-phonon Interaction in a Microfiber Induced by Optical and Electrostrictive Forces. Scientific Reports, 2017, 7, 41849.	3.4	3
143	Frequency-encoded eye tracking smart contact lens for human-machine interaction. Nature Communications, 2024, 15, .	13.2	3
144	Dispersion Enhancement and Linearization in a Dynamic DWDM Channel Blocker. Journal of Lightwave Technology, 2010, 28, 822-827.	4.7	2

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145	A wavelength selective bidirectional isolator for access optical networks. Optical Fiber Technology, 2011, 17, 191-195.	2.8	2
146	Ultra-small microfiber Bragg grating force sensor with greater sensitivity. Proceedings of SPIE, 2012, , .	1.0	2
147	Implementation of a High-Q Small Mode Volume Cavity in Microfibers Using Lattice-Constant-Varying Nanohole Arrays. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 85-88.	3.2	2
148	Miniature sensor based on Fiber-graphene-integrated NEMS. , 2017, , .		2
149	All fiber on-line Raman detection system with silver-coated hollow fiber. , 2017, , .		2
150	Microfiber and Microcoil Resonators and Resonant Sensors. Springer Series in Optical Sciences, 2010, , 275-298.	0.0	2
151	A Compact Fiber Magnetic Sensor based on Graphene NEMS. , 2015, , .		2
152	Endoscopic displacement measurement based on fiber optic bundles. Optics Express, 2022, 30, 14948.	3.4	2
153	Cutting of optical fibers using a Bessel profile femtosecond laser. Optics Communications, 2022, 520, 128458.	2.2	2
154	Gate-Tunable Graphene Optical Modulator on Fiber Tip: Design and Demonstration. Advanced Optical Materials, 0, , 2201724.	7.9	2
155	Metasurface around the side surface of an optical fiber for light focusing. Optics Express, 2022, 30, 40916.	3.4	2
156	Femtosecond laser welding for robust and low loss optical fiber bonding. Optics Express, 2022, 30, 41092.	3.4	2
157	Active Fiber Tips With Optoelectronic Integration: State-of-the-Art, Future Trends, and Challenges. Journal of Lightwave Technology, 2023, 41, 4248-4261.	4.7	2
158	Single-short-cavity dual-comb fiber laser with over 120 kHz repetition rate difference based on polarization multiplexing. Optics Letters, 2023, 48, 5233.	3.3	2
159	Properties of leaky and degenerate modes in a prism-film coupler with waveguide structure. Journal of Applied Physics, 2003, 94, 7025-7030.	2.3	1
160	Optical Fibre Nanowires and Related Structures. , 2007, , .		1
161	Aberration analysis and efficiency improvement of a bidirectional optical subassembly. Optical Engineering, 2009, 48, 105008.	1.0	1
162	A Wavelength Selective Bidirectional Isolator. , 2010, , .		1

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163	A compact first-order Bragg grating in a tapered fiber probe for high temperature sensing. , 2012, , .		1
164	Surface-corrugated microfiber Bragg grating. Proceedings of SPIE, 2012, , .	1.0	1
165	Landscape pattern analysis of farmland under different slope. , 2013, , .		1
166	Single-polarization microfiber and resonator for sensing applications. Proceedings of SPIE, 2014, , .	1.0	1
167	Teflon-functionalized microfiber coupler with a good thermal stability. , 2017, , .		1
168	Coupling influence on the sensitivity of microfiber resonator sensors. , 2011, , .		1
169	An ultra-tiny fiber probe Bragg grating temperature sensor. , 2011, , .		1
170	A Fiber-Optic magnetometer Based on Graphene NEMS Using Superparamagnetic Nanoparticles. , 2018, , .		1
171	Flexible Fiber Sensors for Health-Monitoring. , 2019, , .		1
172	Intraocular Pressure Monitoring Smart Contact Lens with High Environmental Stability. Advanced Functional Materials, 0, , .	16.5	1
173	Demonstration of a refractometric sensor based on optical microfiber coil resonator. , 2008, , .		0
174	Polarization independent single photon detection approach based on quasi-phase matched sum frequency generation. , 2010, , .		0
175	Polarization insensitive quasi-phase-matched frequency conversion in a periodically poled lithium niobate. , 2010, , .		0
176	Liquid Crystal Based Tunable Fiber Polarizer for Pressure Sensing. , 2010, , .		0
177	Fiber tip high temperature sensor. , 2010, , .		0
178	D-Shaped Optical Fiber Microwire Devices. , 2010, , .		0
179	Ultra-small fiber taper Fabry-Perot modal interferometer. , 2010, , .		0
180	Acousto-Optic Tunable Quasi-Phase-Matching Nonlinear Effects in Periodically Poled LiNbO3. , 2010, , .		0

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181	Miniaturized fiber probe reflective interferometer sensor. Proceedings of SPIE, 2011, , .	1.0	0
182	Optical microfiber passive devices and sensors. Proceedings of SPIE, 2011, , .	1.0	0
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