

# Fei Xu

## List of Publications by Year in descending order

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234  
papers

5,346  
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74677

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99504

67  
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244  
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244  
docs citations

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times ranked

5192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Birefringent D-Shaped Micro-Fiber Device for High-Repetition-Rate-Difference Single-Cavity Dual-Comb Generation. <i>Journal of Lightwave Technology</i> , 2024, 42, 3877-3883.	4.7	0
2	Lithium Niobate Piezoelectric Actuator-Integrated Fiber Fabry-Pérot Tunable Filter with Ultrahigh Speed and Linearity. <i>ACS Photonics</i> , 2024, 11, 1574-1583.	6.9	0
3	Grating-based metasurfaces for ultra-narrow near-infrared bandpass filtering with wide out-of-band suppression. <i>Optics Express</i> , 2024, 32, 13309.	3.4	0
4	Frequency-encoded eye tracking smart contact lens for human-machine interaction. <i>Nature Communications</i> , 2024, 15, .	13.2	3
5	Differentiated Focal Plane Assisted Multi-core Fiber Fusion Splice Loss Evaluation. <i>Journal of Lightwave Technology</i> , 2024, , 1-9.	4.7	0
6	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
7	All-fiber reflective single-pixel imaging with long working distance. <i>Optics and Laser Technology</i> , 2023, 158, 108909.	4.6	12
8	Active Fiber Tips With Optoelectronic Integration: State-of-the-Art, Future Trends, and Challenges. <i>Journal of Lightwave Technology</i> , 2023, 41, 4248-4261.	4.7	2
9	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
10	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
11	Single-short-cavity dual-comb fiber laser with over 120 kHz repetition rate difference based on polarization multiplexing. <i>Optics Letters</i> , 2023, 48, 5233.	3.3	2
12	Visible and Online Detection of Near-Infrared Optical Vortices via Nonlinear Photonic Crystals. <i>Advanced Optical Materials</i> , 2022, 10, 2101098.	7.9	13
13	Label-free fiber nanograting sensor for real-time in situ early monitoring of cellular apoptosis. <i>Advanced Photonics</i> , 2022, 4, .	15.6	17
14	Optical fiber tip integrated photoelectrochemical sensors. <i>Optics Express</i> , 2022, 30, 6818.	3.4	6
15	Lensless Fiber Imaging With Long Working Distance Based on Active Depth Measurement. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-7.	4.7	4
16	Compact fiber-integrated scattering device based on mixed-phase TiO <sub>2</sub> for speckle spectrometer. <i>Optics Letters</i> , 2022, 47, 1606.	3.3	7
17	Optically levitated conveyor belt based on polarization-dependent metasurface lens arrays. <i>Optics Letters</i> , 2022, 47, 2194.	3.3	9
18	Endoscopic displacement measurement based on fiber optic bundles. <i>Optics Express</i> , 2022, 30, 14948.	3.4	2

#	ARTICLE	IF	CITATIONS
19	Ultracompact Multicore Fiber De-Multiplexer Using an Endface-Integrating Graphene Photodetector Array. ACS Photonics, 2022, 9, 1808-1813.	6.9	8
20	Ultralow-power all-optical switching via a chiral Mach-Zehnder interferometer. Optics Express, 2022, 30, 19199.	3.4	6
21	High-Q filtering and dynamic modulation in all-dielectric metasurfaces induced by quasi-BIC. Optics Express, 2022, 30, 18264.	3.4	9
22	Cutting of optical fibers using a Bessel profile femtosecond laser. Optics Communications, 2022, 520, 128458.	2.2	2
23	Hydrogel-Based Smart Contact Lens for Highly Sensitive Wireless Intraocular Pressure Monitoring. ACS Sensors, 2022, 7, 3014-3022.	8.1	34
24	Metasurface around the side surface of an optical fiber for light focusing. Optics Express, 2022, 30, 40916.	3.4	2
25	Femtosecond laser welding for robust and low loss optical fiber bonding. Optics Express, 2022, 30, 41092.	3.4	2
26	Recent Progress in Microfiber-Optic Sensors. Photonic Sensors, 2021, 11, 45-68.	5.0	24
27	Optical conveyor belt based on a plasmonic metasurface with polarization dependent hot spot arrays. Optics Letters, 2021, 46, 1522.	3.3	7
28	Fabrication of Micro- and Nanopatterned Nafion Thin Films with Tunable Mechanical and Electrical Properties Using Thermal Evaporation-Induced Capillary Force Lithography. Advanced Materials Interfaces, 2021, 8, 2002005.	4.1	8
29	Self-Assembled Wavy Optical Microfiber for Stretchable Wearable Sensor. Advanced Optical Materials, 2021, 9, 2002206.	7.9	45
30	Silica optical fiber integrated with two-dimensional materials: towards opto-electro-mechanical technology. Light: Science and Applications, 2021, 10, 78.	16.2	78
31	Magnetic Field Sensing Based on Multimode Fiber Specklegrams. Journal of Lightwave Technology, 2021, 39, 3614-3619.	4.7	25
32	Multifunctional all-fiber mode-locked laser based on graphene-integrated polarization-dependent microfiber resonator. Optics and Laser Technology, 2021, 143, 107381.	4.6	4
33	Pulse-width electrically tunable mode-locked laser based on fiber integrated graphene field effect transistor. , 2021, , .		0
34	High-Repetition-Rate Pulsed Yb-Doped Fiber Laser Based on Hybrid Plasmonic Microfiber Resonator. , 2021, , .		0
35	A Flexible Wireless Dielectric Sensor for Noninvasive Fluid Monitoring. Sensors, 2020, 20, 174.	4.0	11
36	Single-Pixel Imaging Based on Optical Fibers. IEEE Photonics Journal, 2020, 12, 1-7.	2.0	4

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37	Liquidâ€Crystalâ€Mediated Active Waveguides toward Programmable Integrated Optics. <i>Advanced Optical Materials</i> , 2020, 8, 1902033.	7.9	18
38	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
39	Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene. <i>Advanced Materials</i> , 2020, 32, e1907242.	24.3	129
40	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
41	Multifunctional integration on optical fiber tips: challenges and opportunities. <i>Advanced Photonics</i> , 2020, 2, .	15.6	111
42	All-fiber online Raman sensor with enhancement via a Fabryâ€Perot cavity. <i>Optics Letters</i> , 2020, 45, 5760.	3.3	6
43	Generation of gigahertz pulse based on a hybrid plasmonic microfiber resonator. , 2020, , .		0
44	Versatile Mode-locking Fiber Laser Based on Hybrid Graphene Microfiber Knot Resonator Device. , 2020, , .		0
45	Complete measurement and multiplexing of orbital angular momentum Bell states. <i>Physical Review A</i> , 2019, 100, .	2.5	15
46	Optical Microfiber Sensors: Sensing Mechanisms, and Recent Advances. <i>Journal of Lightwave Technology</i> , 2019, 37, 2577-2589.	4.7	66
47	Broadband Opticalâ€Fiberâ€Compatible Photodetector Based on a Grapheneâ€MoS <sub>2</sub> /sub>â€WS <sub>2</sub> /sub> Heterostructure with a Synergetic Photogenerating Mechanism. <i>Advanced Electronic Materials</i> , 2019, 5, 1800562.	5.4	56
48	Tunable and enhanced light emission in hybrid WS <sub>2</sub> -optical-fiber-nanowire structures. <i>Light: Science and Applications</i> , 2019, 8, 8.	16.2	58
49	Demonstration of a microelectromechanical tunable Fabryâ€Perot cavity based on graphene-bonded fiber devices. <i>Optics Letters</i> , 2019, 44, 1876.	3.3	4
50	Graphene Nanoelectromechanical System and Its Integration with Optical Fiber. <i>Laser and Optoelectronics Progress</i> , 2019, 56, 110006.	0.6	0
51	Micro-/Nano-optical Fiber Devices. , 2019, , 1425-1464.		0
52	Flexible Fiber Sensors for Health-Monitoring. , 2019, , .		1
53	Ethanol Gas Sensor Based on a Hybrid Polymethyl Methacrylateâ€Silica Microfiber Coupler. <i>Journal of Lightwave Technology</i> , 2018, 36, 2031-2036.	4.7	27
54	Micro-/Nano-optical Fiber Devices. , 2018, , 1-40.		0

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55	Hollow core micro-fiber for optical wave guiding and microfluidic manipulation. Sensors and Actuators B: Chemical, 2018, 262, 953-957.	8.0	21
56	High Sensitivity Strain Sensor Based on Acousto-Optic Coupling in Cladding Etched Fiber. , 2018, , .		0
57	Sensitive and Wearable Optical Microfiber Sensor for Human Health Monitoring. Advanced Materials Technologies, 2018, 3, 1800296.	6.2	90
58	Quasi-Phase-Matching Method Based on Coupling Compensation for Surface Second-Harmonic Generation in Optical Fiber Nanowire Coupler. ACS Photonics, 2018, 5, 3916-3922.	6.9	6
59	Fiber-optic Lorentz force magnetometer based on a gold-graphene composite membrane. Applied Physics Letters, 2018, 112, .	3.2	8
60	Synthesis of Easily Transferred 2D Layered Bil <sub>3</sub> Nanoplates for Flexible Visible-Light Photodetectors. ACS Applied Materials & Interfaces, 2018, 10, 21527-21533.	8.3	53
61	A Fiber-Optic magnetometer Based on Graphene NEMS Using Superparamagnetic Nanoparticles. , 2018, , .		1
62	A modified lattice boltzmann method for herschel-bulkley fluids. Rheologica Acta, 2017, 56, 369-376.	2.4	19
63	Photon-phonon Interaction in a Microfiber Induced by Optical and Electrostrictive Forces. Scientific Reports, 2017, 7, 41849.	3.4	3
64	Extremely High-Efficiency Coupling Method for Hollow-Core Photonic Crystal Fiber. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	9
65	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
66	Manipulation of Nonlinear Optical Properties of Graphene Bonded Fiber Devices by Thermally Engineering Fermi Dirac Distribution. Advanced Optical Materials, 2017, 5, 1700630.	7.9	9
67	Nonlinear optics in optical-fiber nanowires and their applications. Progress in Quantum Electronics, 2017, 55, 35-51.	7.9	23
68	A review on optical microfibers in fluidic applications. Journal of Micromechanics and Microengineering, 2017, 27, 093001.	2.6	19
69	Miniature sensor based on Fiber-graphene-integrated NEMS. , 2017, , .		2
70	A hybrid plasmonic microfiber knot resonator and mechanical applications. , 2017, , .		0
71	Speckle-based fiber sensor for temperature measurement. , 2017, , .		5
72	Demonstration of stimulated emission in CsPbBr <sub>3</sub> nanocrystals integrating silica microsphere structure. , 2017, , .		0

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73	Microfluidic flowmeter based on long-period fiber grating coated with few-layer graphene. , 2017, , .		0
74	Teflon-functionalized microfiber coupler with a good thermal stability. , 2017, , .		1
75	All fiber on-line Raman detection system with silver-coated hollow fiber. , 2017, , .		2
76	High-sensitivity optical-fiber-compatible photodetector with an integrated CsPbBr <sub>3</sub> ‐graphene hybrid structure. Optica, 2017, 4, 835.	9.3	52
77	Periodic micro-structures in optical microfibers induced by Plateau-Rayleigh instability and its applications. Optics Express, 2017, 25, 4326.	3.4	14
78	Optical Fiber Sensors based on Low-dimensional Materials. , 2017, , .		0
79	Fiber-Optic Point-Based Sensor Using Specklegram Measurement. Sensors, 2017, 17, 2429.	4.0	18
80	Versatile hybrid plasmonic microfiber knot resonator. Optics Letters, 2017, 42, 3395.	3.3	18
81	A novel mode-locked fiber laser based on graphene with microvoid. , 2016, , .		0
82	Squeezing a Surface Plasmon through Quadratic Nonlinear Interactions. ACS Photonics, 2016, 3, 2074-2082.	6.9	9
83	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
84	Entanglement of photons with complex spatial structure in Hermite-Laguerre-Gaussian modes. Physical Review A, 2016, 94, .	2.5	19
85	Influence of optical forces on nonlinear optical frequency conversion in nanoscale waveguide devices. Optics Express, 2016, 24, 1633.	3.4	0
86	A high-sensitivity microfluidic flowmeter based on microfiber coupler. , 2016, , .		0
87	Mechanical Modulation of a Hybrid Graphene‐Microfiber Structure. Advanced Optical Materials, 2016, 4, 853-857.	7.9	16
88	A Fiber Laser Using Graphene-Integrated 3-D Microfiber Coil. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	4
89	Simulation of Optical Microfiber Strain Sensors Based on Four-Wave Mixing. IEEE Sensors Journal, 2016, 16, 3068-3074.	4.8	11
90	‐Hot-wire‐ microfluidic flowmeter based on a microfiber coupler. Optics Letters, 2016, 41, 5680.	3.3	35

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91	High performance all-fiber photodetector with hybrid CsPbBr <sub>3</sub> nanocrystals and multi-layered graphene. , 2016, , .		0
92	Optically reconfigurable chirp in micro/nano-fiber Bragg gratings. , 2016, , .		0
93	Strain Manipulation of Hybrid Graphene-Microfiber Waveguide. , 2016, , .		0
94	Optomechanical contribution to the intensity-dependent refractive index of optical microfibers and nanofibers. , 2016, , .		0
95	Reconfigurable optical-force-drive chirp and delay line in micro- or nanofiber Bragg grating. Physical Review A, 2015, 91, .	2.5	5
96	Miniature optical fiber current sensor based on a graphene membrane. Laser and Photonics Reviews, 2015, 9, 517-522.	10.1	35
97	Miniaturized stereo fiber devices based on the wrap-on-a-rod technology. , 2015, , .		0
98	An all-optical modulator based on a stereo grapheneâ€“microfiber structure. Light: Science and Applications, 2015, 4, e360-e360.	16.2	128
99	A Compact Sagnac Loop Based on a Microfiber Coupler for Twist Sensing. IEEE Photonics Technology Letters, 2015, 27, 2579-2582.	2.5	31
100	Generation of N00N 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
101	Differential twin receiving fiber-optic magnetic field and electric current sensor utilizing a microfiber coupler. Optics Express, 2015, 23, 9407.	3.4	32
102	Arbitrary and reconfigurable optical vortex generation: a high-efficiency technique using director-varying liquid crystal fork gratings. Photonics Research, 2015, 3, 133.	6.9	110
103	Nipple discharge: The role of imaging. Diagnostic and Interventional Imaging, 2015, 96, 1017-1032.	3.1	30
104	Optical electrical current sensor utilizing a graphene-microfiber-integrated coil resonator. Applied Physics Letters, 2015, 107, .	3.2	51
105	Microfiber-coupler-assisted control of wavelength tuning for Q-switched fiber laser with few-layer molybdenum disulfide nanoplates. Optics Letters, 2015, 40, 3576.	3.3	37
106	Hybrid graphene-microfiber devices and their application for sensing. , 2015, , .		0
107	High-sensitivity optical fiber current sensor based on suspended graphene membrane. , 2015, , .		0
108	A Compact Fiber Magnetic Sensor based on Graphene NEMS. , 2015, , .		2

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109	Enhancement of Light-Matter Interactions in Optical Silica Nanowires and the Applications for All-Optical Controlling. , 2015, , .		0
110	A microfiber-graphene-integrated microresonator for current sensing. , 2015, , .		0
111	A Graphene-Integrated 3D Microfiber Coil For All-Optical Signal Processing. , 2015, , .		0
112	Ampere force based magnetic field sensor utilizing a microfiber coupler. , 2014, , .		0
113	A miniature reflective micro-force sensor based on a microfiber coupler. Optics Express, 2014, 22, 2443.	3.4	59
114	Multifunctional optical nanofiber polarization devices with 3D geometry. Optics Express, 2014, 22, 17890.	3.4	16
115	Platform for enhanced light-graphene interaction length and miniaturizing fiber stereo devices. Optica, 2014, 1, 307.	9.3	38
116	Influence of van der Waals forces on the waveguide deformation and power limit of nanoscale waveguide devices. Physical Review A, 2014, 89, .	2.5	6
117	Integrated source of tunable nonmaximally mode-entangled photons in a domain-engineered lithium niobate waveguide. Applied Physics Letters, 2014, 104, 171110.	3.2	53
118	Single-polarization microfiber and resonator for sensing applications. Proceedings of SPIE, 2014, , .	1.0	1
119	Direct electrochemistry of glucose oxidase and a biosensor for glucose based on a glass carbon electrode modified with MoS <sub>2</sub> nanosheets decorated with gold nanoparticles. Mikrochimica Acta, 2014, 181, 1497-1503.	5.2	147
120	Ampere force based photonic crystal fiber magnetic field sensor. Sensors and Actuators A: Physical, 2014, 210, 95-98.	4.2	23
121	Generating Switchable and Reconfigurable Optical Vortices via Photopatterning of Liquid Crystals. Advanced Materials, 2014, 26, 1590-1595.	24.3	154
122	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
123	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
124	Tailoring entanglement through domain engineering in a lithium niobate waveguide. Scientific Reports, 2014, 4, 4812.	3.4	14
125	Optical fiber devices with artificial defects. , 2014, , .		0
126	Highly Sensitive and Selective Determination of Dopamine in the Presence of Ascorbic Acid Using Gold Nanoparticles-Decorated MoS <sub>2</sub> Nanosheets Modified Electrode. Electroanalysis, 2013, 25, 2523-2529.	3.0	108



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127	Landscape pattern analysis of farmland under different slope. , 2013, , .		1
128	Quantum entanglement based on surface phonon polaritons in condensed matter systems. AIP Advances, 2013, 3, .	1.3	8
129	Study on spatial-temporal evolution and stimulation of agricultural marginal land. , 2013, , .		0
130	An Erbium-doped fiber laser based on a 3&#x00D7;3 microfiber coupler. , 2013, , .		0
131	A compact microfiber coupler based Sagnac loop. , 2013, , .		0
132	Efficient surface second-harmonic generation in slot micro/nano-fibers. Optics Express, 2013, 21, 11554.	3.4	12
133	Nonlinear frequency conversion of fields with orbital angular momentum using quasi-phase-matching. Physical Review A, 2013, 88, .	2.5	52
134	Lead silicate fiber-based, refractive index-independent temperature sensor. Journal of Modern Optics, 2013, 60, 851-853.	1.4	3
135	Enhanced second-harmonic generation based on surface nonlinearity in slot nanofibers. , 2013, , .		0
136	Polarization independent optical parametric amplification in periodically poled LiNbO <sub>3</sub> . , 2013, , .		0
137	On-chip nonmaximally entangled photon source through domain-engineering of nonlinear optical waveguide. , 2013, , .		0
138	Quasi-phase matched optical frequency comb generation through cascaded second order nonlinearity in a micro-ring resonator. Proceedings of SPIE, 2012, , .	1.0	0
139	All-fiber vibration sensor based on nano-wire grid polarizer. Optical Engineering, 2012, 51, 050504.	1.0	3
140	Ultra-small microfiber Bragg grating force sensor with greater sensitivity. Proceedings of SPIE, 2012, , .	1.0	2
141	A compact first-order Bragg grating in a tapered fiber probe for high temperature sensing. , 2012, , .		1
142	Modeling of the influence of coupling in optical microfiber resonators. Optics Express, 2012, 20, 14392.	3.4	5
143	Optical frequency comb generation through quasi-phase matched quadratic frequency conversion in a micro-ring resonator. Optics Express, 2012, 20, 17192.	3.4	17
144	Optical parametric amplification of arbitrarily polarized light in periodically poled LiNbO <sub>3</sub> . Optics Express, 2012, 20, 19343.	3.4	11

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145	Miniaturized broadband highly birefringent device with stereo rod-microfiber-air structure. Optics Express, 2012, 20, 28431.	3.4	5
146	A microfiber-based highly birefringent device. , 2012, , .		0
147	Optical frequency comb generation by cascaded second-order nonlinear effect in a quasi-phase matched micro-ring resonator. , 2012, , .		0
148	Theory of quantum entanglement based on surface phonon polaritons in condensed matter systems. Proceedings of SPIE, 2012, , .	1.0	0
149	A Heterodyne Optical Fiber Current Sensor Based on a Nanowire-Grid In-Line Polarizer. IEEE Photonics Journal, 2012, 4, 1288-1294.	2.0	8
150	Highly Birefringent Optical-Fiberized Slot Waveguide for Miniature Polarimetric Interference Sensors: A Proposal. IEEE Sensors Journal, 2012, 12, 1681-1685.	4.8	7
151	Liquid crystal gratings based on alternate TN and PA photoalignment. Optics Express, 2012, 20, 5384.	3.4	81
152	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
153	Microfiber-Based Bragg Gratings for Sensing Applications: A Review. Sensors, 2012, 12, 8861-8876.	4.0	122
154	Ultra-highly sensitive surface-corrugated microfiber Bragg grating force sensor. Applied Physics Letters, 2012, 101, .	3.2	54
155	Surface-corrugated microfiber Bragg grating. Proceedings of SPIE, 2012, , .	1.0	1
156	Coupling influence on the refractive index sensitivity of photonic wire ring resonator. Optics Communications, 2012, 285, 5144-5147.	2.2	3
157	Ultra-Sensitive Refractive Index Sensor With Slightly Tapered Photonic Crystal Fiber. IEEE Photonics Technology Letters, 2012, 24, 1771-1774.	2.5	41
158	Surface Plasmon Interferometer Based on Wedge Metal Waveguide and Its Sensing Applications. IEEE Photonics Journal, 2012, 4, 291-299.	2.0	11
159	Loop-mirror-based slot waveguide refractive index sensor. AIP Advances, 2012, 2, 042142.	1.3	4
160	Defect induced EIT “like spectrum and tunable group delay in periodically poled LiNbO3. , 2012, , .		0
161	Miniaturized Metal-Dielectric-Hybrid Fiber Tip Grating for Refractive Index Sensing. IEEE Photonics Technology Letters, 2011, 23, 1712-1714.	2.5	32
162	Miniature tapered photonic crystal fiber interferometer with enhanced sensitivity by acid microdroplets etching. Applied Optics, 2011, 50, 4328.	2.1	37

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163	Polarization independent quasi-phase-matched sum frequency generation for single photon detection. Optics Express, 2011, 19, 380.	3.4	12
164	Ultra-flattened and low dispersion in engineered microfibers with highly efficient nonlinearity reduction. Optics Express, 2011, 19, 15229.	3.4	23
165	Demonstration of a compact temperature sensor based on first-order Bragg grating in a tapered fiber probe. Optics Express, 2011, 19, 18452.	3.4	124
166	Teflon-coated microfiber resonator with weak temperature dependence. Optics Express, 2011, 19, 22923.	3.4	45
167	Broadband and highly efficient quadratic interactions in double-slot lithium niobate waveguides through phase matching. Optics Letters, 2011, 36, 2533.	3.3	7
168	Electromagnetically induced transparency-like transmission in periodically poled lithium niobate with a defect. Optics Letters, 2011, 36, 4434.	3.3	7
169	Highly Birefringent Slot-Microfiber. IEEE Photonics Technology Letters, 2011, 23, 1034-1036.	2.5	23
170	Miniaturized fiber probe reflective interferometer sensor. Proceedings of SPIE, 2011, , .	1.0	0
171	Self-polarizing terahertz liquid crystal phase shifter. AIP Advances, 2011, 1, .	1.3	82
172	An Optical Fiber Tip Micrograting Thermometer. IEEE Photonics Journal, 2011, 3, 810-814.	2.0	43
173	Dispersion Study of Optical Nanowire Microcoil Resonators. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1102-1106.	3.2	19
174	A wavelength selective bidirectional isolator for access optical networks. Optical Fiber Technology, 2011, 17, 191-195.	2.8	2
175	Optical microfiber passive devices and sensors. Proceedings of SPIE, 2011, , .	1.0	0
176	Tapered photonic crystal fiber interferometer with enhanced sensitivity. Proceedings of SPIE, 2011, , .	1.0	0
177	Coupling influence on the sensitivity of microfiber resonator sensors. Proceedings of SPIE, 2011, , .	1.0	0
178	Temperature characteristics of microfiber coil resonators embedded in teflon. Proceedings of SPIE, 2011, , .	1.0	3
179	Electro-optic tunable optical isolator in periodically poled LiNbO <sub>3</sub> . Journal of Applied Physics, 2011, 109, 053111.	2.3	12
180	POLARIZATION INSENSITIVE QUASI-PHASE-MATCHED SECOND HARMONIC GENERATION. Journal of Nonlinear Optical Physics and Materials, 2011, 20, 129-136.	2.3	5

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181	Measurement of Surface Plasmon Polariton Enhanced Goos-Hanchen Shift Based on Grating and Liquid Crystal Technologies. IEEE Photonics Technology Letters, 2011, 23, 1829-1831.	2.5	5
182	A Transflective Nano-Wire Grid Polarizer Based Fiber-Optic Sensor. Sensors, 2011, 11, 2488-2495.	4.0	20
183	Coupling influence on the sensitivity of microfiber resonator sensors. , 2011, , .		1
184	An ultra-tiny fiber probe Bragg grating temperature sensor. , 2011, , .		1
185	Ultra-small Highly Birefringent Slot-Microfiber. , 2011, , .		0
186	Ultra-small Fiber Probe Grating Sensor. , 2011, , .		0
187	Optical microfiber devices and sensors. , 2011, , .		0
188	Tapered photonic crystal fiber interferometer with enhanced sensitivity. , 2011, , .		0
189	Mathematical model for manufacturing microfiber coil resonators. Optical Engineering, 2010, 49, 044001.	1.0	7
190	A Wavelength Selective Bidirectional Isolator. , 2010, , .		1
191	A three-beam path photonic crystal fiber modal interferometer and its sensing applications. Journal of Applied Physics, 2010, 108, .	2.3	19
192	Polarization independent single photon detection approach based on quasi-phase matched sum frequency generation. , 2010, , .		0
193	Polarization insensitive quasi-phase-matched frequency conversion in a periodically poled lithium niobate. , 2010, , .		0
194	Liquid Crystal Based Tunable Fiber Polarizer for Pressure Sensing. , 2010, , .		0
195	Fiber tip high temperature sensor. , 2010, , .		0
196	D-Shaped Optical Fiber Microwire Devices. , 2010, , .		0
197	A Microfiber Bragg Grating Based on a Microstructured Rod: A Proposal. IEEE Photonics Technology Letters, 2010, 22, 218-220.	2.5	30
198	Ultra-small fiber taper Fabry-Perot modal interferometer. , 2010, , .		0

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