

# Yiping Wang

## List of Publications by Year in descending order

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301  
papers

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50276

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docs citations

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times ranked

3749  
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#	ARTICLE	IF	CITATIONS
1	Femtosecond laser 3D printed micro objective lens for ultrathin fiber endoscope. <i>Fundamental Research</i> , 2024, 4, 123-130.	3.3	10
2	High-Spatial-Resolution High-Temperature Sensor Based on Ultra-Short Fiber Bragg Gratings With Dual-Wavelength Differential Detection. <i>Journal of Lightwave Technology</i> , 2022, 40, 2166-2172.	4.6	8
3	Multifunctional optoelectronic device based on liquid crystal selectively filled flat-plate photonic crystal fiber. <i>Optik</i> , 2022, 250, 168328.	2.9	5
4	Femtosecond laser inscribed helical long period fiber grating for exciting orbital angular momentum. <i>Optics Express</i> , 2022, 30, 4402.	3.4	12
5	Distributed high-temperature sensing based on optical frequency domain reflectometry with a standard single-mode fiber. <i>Optics Letters</i> , 2022, 47, 882.	3.3	9
6	Design and realization of 3D printed fiber-tip microcantilever probes applied to hydrogen sensing. <i>Light Advanced Manufacturing</i> , 2022, 3, 1.	5.1	18
7	Femtosecond laser auto-positioning direct writing of a multicore fiber Bragg grating array for shape sensing. <i>Optics Letters</i> , 2022, 47, 758.	3.3	25
8	All Fiber-Optic Immunosensors Based on Elliptical Core Helical Intermediate-Period Fiber Grating with Low-Sensitivity to Environmental Disturbances. <i>Biosensors</i> , 2022, 12, 99.	4.7	6
9	A Nondestructive Measurement Method of Optical Fiber Young's Modulus Based on OFDR. <i>Sensors</i> , 2022, 22, 1450.	3.8	5
10	Compact Surface Plasmon Resonance IgG Sensor Based on H-Shaped Optical Fiber. <i>Biosensors</i> , 2022, 12, 141.	4.7	11
11	Orbital Angular Momentum Mode Sensing Technology Based on Intensity Interrogation. <i>Sensors</i> , 2022, 22, 1810.	3.8	0
12	Stabilized Ultra-High-Temperature Sensors Based on Inert Gas-Sealed Sapphire Fiber Bragg Gratings. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 12359-12366.	8.0	14
13	Shape sensing using two outer cores of multi-core fiber based on OFDR. , 2022, , .		2
14	A Wearable Breath Sensor Based on Fiber-Tip Microcantilever. <i>Biosensors</i> , 2022, 12, 168.	4.7	13
15	Room-Temperature Fiber Tip Nanoscale Optomechanical Bolometer. <i>ACS Photonics</i> , 2022, 9, 1586-1593.	6.6	7
16	Polarimetric fiber laser for relative humidity sensing based on graphene oxide-coated D-shaped fiber and beat frequency demodulation. <i>Optics Express</i> , 2022, 30, 15998.	3.4	6
17	A Multi-Parameter Integrated Sensor Based on Selectively Filled D-Shaped Photonic Crystal Fiber. <i>Materials</i> , 2022, 15, 2811.	2.9	4
18	Ultrasensitive refractometer based on helical long-period fiber grating near the dispersion turning point. <i>Optics Letters</i> , 2022, 47, 2602.	3.3	10

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19	Quasi-Distributed Temperature and Strain Sensors Based on Series-Integrated Fiber Bragg Gratings. <i>Nanomaterials</i> , 2022, 12, 1540.	4.1	5
20	Numerical analysis of an ultra-broadband and highly efficient beam splitter in the visible region. <i>Optics Express</i> , 2022, 30, 18032.	3.4	5
21	Torsion-tunable OAM mode generator based on oxyhydrogen-flame fabricated helical long-period fiber grating. <i>Optics Express</i> , 2022, 30, 21085.	3.4	8
22	Slit Beam Shaping for Femtosecond Laser Point-by-Point Inscription of Highly Localized Fiber Bragg Grating. <i>Journal of Lightwave Technology</i> , 2022, 40, 5722-5728.	4.6	4
23	Highly Sensitive Hydrogen Sensor Based on an Optical Driven Nanofilm Resonator. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 29357-29365.	8.0	7
24	Fabry-Perot Interferometer Based on a Fiber-Tip Fixed-Supported Bridge for Fast Glucose Concentration Measurement. <i>Biosensors</i> , 2022, 12, 391.	4.7	11
25	Direct generation of orbital angular momentum in orthogonal fiber Bragg grating. <i>Optics Express</i> , 2022, 30, 28745.	3.4	2
26	ZnO Microwire-Based Fiber-Tip Fabry-Perot Interferometer for Deep Ultraviolet Sensing. <i>Journal of Lightwave Technology</i> , 2021, 39, 4225-4229.	4.6	8
27	Super-Variable Focusing Vortex Beam Generators Based on Spiral Zone Plate Etched on Optical Fiber Facet. <i>Journal of Lightwave Technology</i> , 2021, 39, 1416-1422.	4.6	9
28	Effects of ĩ€-Bridge on Fused-Ring Electron Acceptor Dimers. <i>ACS Applied Polymer Materials</i> , 2021, 3, 23-29.	4.4	9
29	A Twin-Core and Dual-Hole Fiber Design and Fabrication. <i>Journal of Lightwave Technology</i> , 2021, 39, 4028-4033.	4.6	4
30	Helical Long Period Fiber Grating Inscribed in Elliptical Core Polarization-Maintaining Fiber. <i>IEEE Access</i> , 2021, 9, 59378-59382.	4.2	11
31	Recent advance in hollow-core fiber high-temperature and high-pressure sensing technology [Invited]. <i>Chinese Optics Letters</i> , 2021, 19, 070601.	2.9	12
32	Highly Localized Point-by-Point Fiber Bragg Grating for Multi-Parameter Measurement. <i>Journal of Lightwave Technology</i> , 2021, 39, 6686-6690.	4.6	8
33	Shape Sensing Using Two Outer Cores of Multicore Fiber and Optical Frequency Domain Reflectometer. <i>Journal of Lightwave Technology</i> , 2021, 39, 6624-6630.	4.6	18
34	Highly sensitive hydrogen sensor based on an in-fiber Mach-Zehnder interferometer with polymer infiltration and Pt-loaded WO <sub>3</sub> coating. <i>Optics Express</i> , 2021, 29, 4147.	3.4	19
35	Helical Intermediate-Period Fiber Grating for Refractive Index Measurements With Low-Sensitive Temperature and Torsion Response. <i>Journal of Lightwave Technology</i> , 2021, 39, 6678-6685.	4.6	16
36	A Probe-Shaped Sensor With FBG and Fiber-Tip Bubble for Pressure and Temperature Sensing. <i>Photonic Sensors</i> , 2021, 11, 411-417.	5.0	13

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37	Hollow-Core Fiber-Tip Interferometric High-Temperature Sensor Operating at 1100 Å°C with High Linearity. <i>Micromachines</i> , 2021, 12, 234.	2.9	3
38	Strain, torsion and refractive index sensors based on helical long period fibre grating inscribed in small-core fibre for structural condition monitoring. <i>Advances in Structural Engineering</i> , 2021, 24, 1248-1255.	2.4	5
39	A Fabry-Perot Interferometer With Asymmetrical Tapered-Fiber for Improving Strain Sensitivity. <i>Journal of Lightwave Technology</i> , 2021, 39, 1509-1514.	4.6	8
40	Review of Femtosecond-Laser-Inscribed Fiber Bragg Gratings: Fabrication Technologies and Sensing Applications. <i>Photonic Sensors</i> , 2021, 11, 203-226.	5.0	78
41	Broadband tunable orbital angular momentum mode converter based on a conventional single-mode all-fiber configuration. <i>Optics Express</i> , 2021, 29, 15595.	3.4	22
42	Temperature-insensitive directional transverse load sensor based on dual side-hole fiber Bragg grating. <i>Optics Express</i> , 2021, 29, 17700.	3.4	15
43	Efficient point-by-point Bragg grating inscription in sapphire fiber using femtosecond laser filaments. <i>Optics Letters</i> , 2021, 46, 2742.	3.3	24
44	Magnetic field sensor based on helical long-period fiber grating with a three-core optical fiber. <i>Optics Express</i> , 2021, 29, 20649.	3.4	23
45	Fiber-tip polymer clamped-beam probe for high-sensitivity nanoforce measurements. <i>Light: Science and Applications</i> , 2021, 10, 171.	16.6	61
46	Slit Beam Shaping for Femtosecond Laser Point-by-Point Inscription of High-Quality Fiber Bragg Gratings. <i>Journal of Lightwave Technology</i> , 2021, 39, 5142-5148.	4.6	16
47	Ultra-dense perfect optical orbital angular momentum multiplexed holography. <i>Optics Express</i> , 2021, 29, 28452.	3.4	26
48	Femtosecond laser point-by-point inscription of an ultra-weak fiber Bragg grating array for distributed high-temperature sensing. <i>Optics Express</i> , 2021, 29, 32615.	3.4	45
49	Single-mode helical Bragg grating waveguide created in a multimode coreless fiber by femtosecond laser direct writing. <i>Photonics Research</i> , 2021, 9, 2052.	7.0	17
50	In-Fiber Polymer Microdisk Resonator and Its Sensing Applications of Temperature and Humidity. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 48119-48126.	8.0	17
51	High-Spatial-Resolution Strain Sensor Based on Distance Compensation and Image Wavelet Denoising Method in OFDR. <i>Journal of Lightwave Technology</i> , 2021, 39, 6334-6339.	4.6	22
52	Gas detection in a graphene based dual-mode fiber laser microcavity. <i>Sensors and Actuators B: Chemical</i> , 2021, 348, 130694.	7.8	14
53	Fiber optic hydrogen sensor based on a Fabry-Perot interferometer with a fiber Bragg grating and a nanofilm. <i>Lab on A Chip</i> , 2021, 21, 1752-1758.	6.0	33
54	High-Precise Fractional Orbital Angular Momentum Probing With a Fiber Grating Tip. <i>Journal of Lightwave Technology</i> , 2021, 39, 1867-1872.	4.6	7

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55	Sensitivity Enhancement for Fiber Bragg Grating Strain Sensing Based on Optoelectronic Oscillator With Vernier Effect. <i>IEEE Photonics Journal</i> , 2021, 13, 1-6.	2.0	12
56	Femtosecond Laser-Inscribed Ultra-Weak Fiber Bragg Grating Array for Distributed High-Temperature Measurements. , 2021, , .		0
57	Multicore Fiber Bragg Gratings Array Shape Sensor Fabricated with an Auto-Alignment Femtosecond Laser Point-by-Point Technology. , 2021, , .		0
58	Encapsulated Sapphire Fiber Bragg Grating Sensor with Improved High-Temperature Performance. , 2021, , .		0
59	Silt-Beam Shaping Method for Femtosecond Laser Point-by-Point Inscription of Highly Localized Fiber Bragg Gratings with Enhanced Cladding Modes. , 2021, , .		0
60	All-Dielectric Phase-Gradient Metasurface Performing High-Efficiency Anomalous Transmission in the Near-Infrared Region. <i>Nanoscale Research Letters</i> , 2021, 16, 158.	5.7	7
61	Femtosecond laser line-by-line inscription of apodized fiber Bragg gratings. <i>Optics Letters</i> , 2021, 46, 5663.	3.3	15
62	Gas pressure sensor based on a hollow cavity modulated phase shifted fiber Bragg grating. , 2021, , .		0
63	Optical microresonator based on an in-fiber rectangular air bubble. , 2021, , .		0
64	Excitation of high order orbital angular momentum modes in ultra-short chiral long period fiber gratings. <i>Optics Express</i> , 2021, 29, 39384.	3.4	9
65	Highly Sensitive Surface Plasmon Resonance Humidity Sensor Based on a Polyvinyl-Alcohol-Coated Polymer Optical Fiber. <i>Biosensors</i> , 2021, 11, 461.	4.7	12
66	Review of Optical Humidity Sensors. <i>Sensors</i> , 2021, 21, 8049.	3.8	31
67	High-order OAM mode generation in a helical long-period fiber grating inscribed by an oxyhydrogen-flame. <i>Optics Express</i> , 2021, 29, 43371.	3.4	19
68	Large-Scale Multiplexed in-Fiber Micro-Cavity Array for Distributed High Temperature Sensing. , 2021, , .		0
69	Self-Imaging Effect in Liquid-Filled Hollow-Core Capillary Waveguide for Sensing Applications. <i>Sensors</i> , 2020, 20, 135.	3.8	9
70	Torsion, Refractive Index, and Temperature Sensors Based on An Improved Helical Long Period Fiber Grating. <i>Journal of Lightwave Technology</i> , 2020, 38, 2504-2510.	4.6	71
71	Optical Fiber Tag Based on an Encoded Fiber Bragg Grating Fabricated by Femtosecond Laser. <i>Journal of Lightwave Technology</i> , 2020, 38, 1474-1479.	4.6	17
72	High-Speed All-Optical Modulator Based on a Polymer Nanofiber Bragg Grating Printed by Femtosecond Laser. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 1465-1473.	8.0	16

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73	Polymer-Coated Hollow Fiber Optofluidic Laser for Refractive Index Sensing. <i>Journal of Lightwave Technology</i> , 2020, 38, 1550-1556.	4.6	11
74	Optical Fiber Integrated Functional Micro-/Nanostructure Induced by Two-Photon Polymerization. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	17
75	Electrically Tunable Four-Wave-Mixing in Graphene Heterogeneous Fiber for Individual Gas Molecule Detection. <i>Nano Letters</i> , 2020, 20, 6473-6480.	9.1	42
76	High-Efficiency Inscription of Fiber Bragg Grating Array with High-Energy Nanosecond-Pulsed Laser Talbot Interferometer. <i>Sensors</i> , 2020, 20, 4307.	3.8	5
77	A High-Strength Strain Sensor Based on a Reshaped Micro-Air-Cavity. <i>Sensors</i> , 2020, 20, 4530.	3.8	4
78	Highly Sensitive Temperature Sensor Based on All-Fiber Polarization Interference Filter With Vernier Effect. <i>IEEE Access</i> , 2020, 8, 207397-207403.	4.2	13
79	Fiber Bragg Grating with Enhanced Cladding Modes Inscribed by Femtosecond Laser and a Phase Mask. <i>Sensors</i> , 2020, 20, 7004.	3.8	2
80	Nonlinear Hydraulic Pressure Response of an Improved Fiber Tip Interferometric High-Pressure Sensor. <i>Sensors</i> , 2020, 20, 2548.	3.8	6
81	Dual-Polarization Distributed Feedback Fiber Laser Sensor Based on Femtosecond Laser-Inscribed In-Fiber Stressors for Simultaneous Strain and Temperature Measurements. <i>IEEE Access</i> , 2020, 8, 97823-97829.	4.2	14
82	Fiber-Tip Polymer Microcantilever for Fast and Highly Sensitive Hydrogen Measurement. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 33163-33172.	8.0	32
83	Multicomponent Photonic Glass for Temperature Insensitive Fiber Probe. <i>Journal of Lightwave Technology</i> , 2020, 38, 4470-4477.	4.6	1
84	Helicity Enhanced Torsion Sensor Based on Liquid Filled Twisted Photonic Crystal Fibers. <i>Sensors</i> , 2020, 20, 1490.	3.8	10
85	High-Sensitivity Detection of IgG Operating near the Dispersion Turning Point in Tapered Two-Mode Fibers. <i>Micromachines</i> , 2020, 11, 270.	2.9	8
86	Simultaneous Measurement of Strain and Temperature by a Sawtooth Stressor-Assisted Highly Birefringent Fiber Bragg Grating. <i>Journal of Lightwave Technology</i> , 2020, 38, 2060-2066.	4.6	28
87	Effects of linking units on fused-ring electron acceptor dimers. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13735-13741.	10.3	8
88	Helical Long-Period Fiber Gratings as Wavelength-Tunable Orbital Angular Momentum Mode Generators. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 418-421.	2.5	16
89	Intensity-modulated bend sensor by using a twin core fiber: theoretical and experimental studies. <i>Optics Express</i> , 2020, 28, 14850.	3.4	15
90	Fiber-interface directional coupler inscribed by femtosecond laser for refractive index measurements. <i>Optics Express</i> , 2020, 28, 14263.	3.4	15

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91	Selective fiber Bragg grating inscription in four-core fiber for two-dimension vector bending sensing. Optics Express, 2020, 28, 26461.	3.4	39
92	Orthogonal long-period fiber grating for directly exciting the orbital angular momentum. Optics Express, 2020, 28, 27044.	3.4	15
93	High-sensitivity optical fiber temperature sensor based on a dual-loop optoelectronic oscillator with the Vernier effect. Optics Express, 2020, 28, 35264.	3.4	12
94	3D nanoprinted kinoform spiral zone plates on fiber facets for high-efficiency focused vortex beam generation. Optics Express, 2020, 28, 38127.	3.4	18
95	Phase-shifted fiber Bragg grating modulated by a hollow cavity for measuring gas pressure. Optics Letters, 2020, 45, 507.	3.3	24
96	Ultrafast laser inscription of fiber Bragg gratings with low polarization dependent loss. , 2020, , .		0
97	High-sensitivity gas pressure sensor based on a multimode interferometer using hollow-core tube lattice fiber. Optics Letters, 2020, 45, 4571.	3.3	13
98	High purity optical vortex generation in a fiber Bragg grating inscribed by a femtosecond laser. Optics Letters, 2020, 45, 6679.	3.3	8
99	Investigation of Side-Polished Panda Fibers for Strain Measurement and Surface Plasmon Resonance-Based Biochemical Sensing. , 2020, , .		1
100	Polymer-Filled In-Fiber Mach-Zehnder Interferometer with Pt-loaded WO <sub>3</sub> Coating for Trace Hydrogen Detection. , 2020, , .		0
101	Highly birefringent fiber grating laser sensors based on femtosecond laser-inscribed in-fiber stressors. , 2020, , .		0
102	Fiber-tip polymer microcantilever for hydrogen sensing. , 2020, , .		0
103	Compact and broad wavelength range tunable orbital angular momentum mode generator based on cascaded helical photonic crystal fibers. Optics Letters, 2020, 45, 5032.	3.3	5
104	Highly Reproducible, Isotropic Optofluidic Laser Based on Hollow Optical Fiber. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-6.	2.9	12
105	Comparison of Linear- and Star-Shaped Fused-Ring Electron Acceptors. , 2019, 1, 367-374.		43
106	Temperature Sensor Based on Side-Polished Fiber SPR Device Coated with Polymer. Sensors, 2019, 19, 4063.	3.8	23
107	Recent Progress in Fabrications and Applications of Heating-Induced Long Period Fiber Gratings. Sensors, 2019, 19, 4473.	3.8	19
108	Fused octacyclic electron acceptor isomers for organic solar cells. Journal of Materials Chemistry A, 2019, 7, 21432-21437.	10.3	26

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109	Symmetric Step-Apodized Distributed Feedback Fiber Laser With Improved Efficiency. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	7
110	Undamaged Measurement of the Sub-Micron Diaphragm and Gap by Tri-Beam Interference. Journal of Lightwave Technology, 2019, 37, 5840-5847.	4.6	0
111	Tunable Electro-Optical Modulator Based on a Photonic Crystal Fiber Selectively Filled With Liquid Crystal. Journal of Lightwave Technology, 2019, 37, 1903-1908.	4.6	56
112	In-Fiber Collimator-Based Fabry-Perot Interferometer with Enhanced Vibration Sensitivity. Sensors, 2019, 19, 435.	3.8	19
113	Development of Polyhydroxyalkanoate-Based Polyurethane with Water-Thermal Response Shape-Memory Behavior as New 3D Elastomers Scaffolds. Polymers, 2019, 11, 1030.	4.5	23
114	Orbital angular momentum generator based on hollow-core photonic bandgap fiber grating. Applied Physics Express, 2019, 12, 072004.	2.4	7
115	In-Fiber Cascaded FPI Fabricated by Chemical-Assisted Femtosecond Laser Micromachining for Micro-Fluidic Sensing Applications. Journal of Lightwave Technology, 2019, 37, 3214-3221.	4.6	23
116	Helical Microfiber Bragg Grating Printed by Femtosecond Laser for Refractive Index Sensing. IEEE Photonics Technology Letters, 2019, 31, 971-974.	2.5	22
117	A ZnO nanowire-based microfiber coupler for all-optical photodetection applications. Nanoscale, 2019, 11, 8319-8326.	5.6	18
118	Parallel-Integrated Fiber Bragg Gratings Inscribed by Femtosecond Laser Point-by-Point Technology. Journal of Lightwave Technology, 2019, 37, 2185-2193.	4.6	34
119	Sapphire Fiber Bragg Gratings with Improved Spectral Properties for High-temperature Measurements. , 2019, , .		1
120	Sensitivity-enhanced Temperature Sensor Based on Cascaded Polymer-infiltrated Mach-Zehnder Interferometers Created in Graded Index Fibers. , 2019, , .		2
121	Femtosecond Laser-inscribed Multimode Fiber Bragg Gratings. , 2019, , .		0
122	Liquid-Crystal-Filled Side-hole Fiber for High-Sensitivity Temperature and Electric Field Measurement. Micromachines, 2019, 10, 761.	2.9	9
123	Development of Nontoxic Biodegradable Polyurethanes Based on Polyhydroxyalkanoate and L-lysine Diisocyanate with Improved Mechanical Properties as New Elastomers Scaffolds. Polymers, 2019, 11, 1927.	4.5	22
124	A Surface Plasmon Resonance Sensor Based on D-Shaped All-Solid Photonic Crystal Fiber. , 2019, , .		1
125	High-Performance Mid-Bandgap Fused-Pyrene Electron Acceptor. Chemistry of Materials, 2019, 31, 6484-6490.	6.7	40
126	Femtosecond Laser Microprinting of a Fiber Whispering Gallery Mode Resonator for Highly-Sensitive Temperature Measurements. Journal of Lightwave Technology, 2019, 37, 1241-1245.	4.6	20



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127	High-Sensitivity Temperature Sensor Based on Polarization Maintaining Fiber Sagnac Loop. Photonic Sensors, 2019, 9, 25-32.	5.0	29
128	Highly sensitive gas refractive index sensor based on hollow-core photonic bandgap fiber. Optics Express, 2019, 27, 29649.	3.4	21
129	Polarization-independent orbital angular momentum generator based on a chiral fiber grating. Optics Letters, 2019, 44, 61.	3.3	47
130	Twist-direction-dependent orbital angular momentum generator based on inflation-assisted helical photonic crystal fiber. Optics Letters, 2019, 44, 459.	3.3	21
131	Transverse-load, strain, temperature, and torsion sensors based on a helical photonic crystal fiber. Optics Letters, 2019, 44, 1984.	3.3	32
132	Surface plasmon resonance refractive index sensor based on fiber-interface waveguide inscribed by femtosecond laser. Optics Letters, 2019, 44, 2434.	3.3	31
133	Highly sensitive temperature sensor based on a polymer-infiltrated Mach-Zehnder interferometer created in graded index fiber. Optics Letters, 2019, 44, 2466.	3.3	53
134	Multi-layer, offset-coupled sapphire fiber Bragg gratings for high-temperature measurements. Optics Letters, 2019, 44, 4211.	3.3	28
135	Low short-wavelength loss fiber Bragg gratings inscribed in a small-core fiber by femtosecond laser point-by-point technology. Optics Letters, 2019, 44, 5121.	3.3	19
136	CO2-Laser-Inscribed Long Period Fiber Gratings: From Fabrication to Applications. , 2019, , 1379-1423.		0
137	CO2-Laser-Inscribed Long Period Fiber Gratings: From Fabrication to Applications. , 2019, , 1-45.		0
138	Taper Embedded Phase-Shifted Fiber Bragg Grating Fabricated by Femtosecond Laser Line-by-Line Inscription. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	6
139	Orbital Angular Momentum Mode Converter Based on Helical Long Period Fiber Grating Inscribed by Hydrogen-Oxygen Flame. Journal of Lightwave Technology, 2018, 36, 1683-1688.	4.6	92
140	Optofluidic gutter oil discrimination based on a hybrid-waveguide coupler in fibre. Lab on A Chip, 2018, 18, 595-600.	6.0	37
141	Highly sensitive torsion sensor based on directional coupling in twisted photonic crystal fiber. Applied Physics Express, 2018, 11, 042501.	2.4	21
142	Omnidirectional bending sensor based on fiber Bragg gratings inscribed in a seven-core fiber. , 2018, , .		0
143	Femtosecond-Laser-Inscribed Fiber Bragg Gratings for High-Temperature Sensing. , 2018, , .		1
144	Enhanced surface plasmon resonance fiber sensor based on Graphene Oxide. , 2018, , .		2

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145	Femtosecond Laser Microprinting of a Polymer Optical Fiber Interferometer for High-Sensitivity Temperature Measurement. <i>Polymers</i> , 2018, 10, 1192.	4.5	7
146	Highly sensitive bend measurements using a miniature fiber collimator-based Fabry-Perot Interferometer. , 2018, , .		0
147	Highly sensitive temperature sensor based on a Mach-Zehnder interferometer created in graded index fiber. , 2018, , .		3
148	Antiresonant Reflecting Guidance and Mach-Zehnder Interference in Cascaded Hollow-Core Fibers for Multi-Parameter Sensing. <i>Sensors</i> , 2018, 18, 4140.	3.8	5
149	Sapphire fiber Bragg gratings inscribed with a femtosecond laser line-by-line scanning technique. <i>Optics Letters</i> , 2018, 43, 4562.	3.3	55
150	Femtosecond laser-inscribed fiber interface Mach-Zehnder interferometer for temperature-insensitive refractive index measurement. <i>Optics Letters</i> , 2018, 43, 4421.	3.3	43
151	Resolution-Enhanced Fiber Grating Refractive Index Sensor Based on an Optoelectronic Oscillator. <i>IEEE Sensors Journal</i> , 2018, 18, 9562-9567.	4.7	26
152	Two-dimensional vector bending sensor based on seven-core fiber Bragg gratings. <i>Optics Express</i> , 2018, 26, 23770.	3.4	86
153	Sensing Characteristics of Tilted Long Period Fiber Gratings Inscribed by Infrared Femtosecond Laser. <i>Sensors</i> , 2018, 18, 3003.	3.8	12
154	Highly sensitive surface plasmon resonance biosensor based on a low-index polymer optical fiber. <i>Optics Express</i> , 2018, 26, 3988.	3.4	106
155	Bragg resonance in microfiber realized by two-photon polymerization. <i>Optics Express</i> , 2018, 26, 3732.	3.4	13
156	Novel fabrication technique for phase-shifted fiber Bragg gratings using a variable-velocity scanning beam and a shielded phase mask. <i>Optics Express</i> , 2018, 26, 13311.	3.4	20
157	High-order orbital angular momentum mode generator based on twisted photonic crystal fiber. <i>Optics Letters</i> , 2018, 43, 1786.	3.3	71
158	Temperature Insensitivity Polarization-Controlled Orbital Angular Momentum Mode Converter Based on an LPFG Induced in Four-Mode Fiber. <i>Sensors</i> , 2018, 18, 1766.	3.8	10
159	Mechanism and Characteristics of Humidity Sensing with Polyvinyl Alcohol-Coated Fiber Surface Plasmon Resonance Sensor. <i>Sensors</i> , 2018, 18, 2029.	3.8	35
160	A Miniature Fiber Collimator for Highly Sensitive Bend Measurements. <i>Journal of Lightwave Technology</i> , 2018, 36, 2827-2833.	4.6	26
161	Strain-based tunable optical microresonator with an in-fiber rectangular air bubble. <i>Optics Letters</i> , 2018, 43, 4077.	3.3	18
162	Diaphragm-free gas-pressure sensor probe based on hollow-core photonic bandgap fiber. <i>Optics Letters</i> , 2018, 43, 3017.	3.3	40

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163	Femtosecond laser microprinting of a polymer fiber Bragg grating for high-sensitivity temperature measurements. <i>Optics Letters</i> , 2018, 43, 3409.	3.3	31
164	Bragg Gratings in Suspended-Core Photonic Microcells for High-Temperature Applications. <i>Journal of Lightwave Technology</i> , 2018, 36, 2920-2924.	4.6	20
165	Residual-stress-induced helical long period fiber gratings for sensing applications. <i>Optics Express</i> , 2018, 26, 24114.	3.4	34
166	Suppression of parasitic interference in a fiber-tip Fabry-Perot interferometer for high-pressure measurements. <i>Optics Express</i> , 2018, 26, 28178.	3.4	21
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