

Xinyong Dong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optical Fiber Thermal Anemometer With Light Source-Heated Fabry-Pérot Interferometer. Journal of Lightwave Technology, 2022, 40, 3010-3015.	2.7	13
2	Optical Fiber Interferometric Humidity Sensor by Using Hollow Core Fiber Interacting with Gelatin Film. Sensors, 2022, 22, 4514.	2.1	9
3	Fast Acquirable Brillouin Optical Time-Domain Reflectometry Based on Bipolar-Chirped Pulse Pair. Journal of Lightwave Technology, 2021, 39, 3941-3949.	2.7	10
4	Bending-loss-resistant distributed Brillouin curvature sensor based on an erbium-doped few-mode fiber. Optics Letters, 2021, 46, 3239.	1.7	8
5	Distributed refractive index sensing based on bending-induced multimodal interference and Rayleigh backscattering spectrum. Optics Express, 2021, 29, 21530.	1.7	15
6	High sensitivity liquid level sensor based on a hollow core fiber structure. Optics Communications, 2021, 499, 127279.	1.0	8
7	Multi-wavelength thulium-doped fiber laser by using Sagnac loop mirror. , 2021, , .		0
8	Light Source Heated Optical Fiber Thermal Anemometer. , 2021, , .		0
9	Simulation Study on Output Power Characteristics of Tunable Thulium-Doped Fiber Ring Lasers. , 2021, , .		0
10	Fiber optic interferometric humidity sensor by using gelatin. , 2021, , .		2
11	Thulium-doped fiber random laser using random fiber grating for random feedback. , 2021, , .		0
12	High-Sensitivity Salinity Sensor by Using Core-Offset Based Fiber MZI. , 2021, , .		1
13	Hot-wire Anemometer Based on Frosted Fiber Bragg Grating Coated with Silver Film. IOP Conference Series: Materials Science and Engineering, 2020, 711, 012112.	0.3	5
14	An Enhanced Distributed Acoustic Sensor Based on UWFBC and Self-Heterodyne Detection. Journal of Lightwave Technology, 2019, 37, 2700-2705.	2.7	29
15	A highly precise FBC sensor interrogation system with wavemeter calibration. Optical Fiber Technology, 2019, 48, 207-212.	1.4	8
16	Optical fiber liquid level sensor realized by cascading two spherical-shape structures. Optik, 2019, 191, 10-14.	1.4	6
17	Wavefront Splitting Fiber Mach-Zehnder Interferometer Modulated by the White Light Fraunhofer Diffraction. Journal of Lightwave Technology, 2019, 37, 4216-4221.	2.7	5
18	Volatile Organic Compound Sensor Based on PDMS Coated Fabry-Pérot Interferometer With Vernier Effect. IEEE Sensors Journal, 2019, 19, 4443-4450.	2.4	23

#	ARTICLE	IF	CITATIONS
19	Optically Adjustable Random Laser With Multi-phase Shifted Bragg Grating in Er/Yb Co-doped Fiber. , 2019, , .		0
20	Resonance Energy Leakage in Hollow Core Fiber for Sensitive Liquid Level Measurement. , 2019, , .		0
21	Hot-wire Anemometer Based on Etched Fiber Bragg Grating Coated with Silver Film. , 2019, , .		2
22	Tunable Erbium-Doped Fiber Laser Assisted by a fs-laser Introduced Random Fiber Grating. , 2019, , .		0
23	Vernier effect of two cascaded in-fiber Mach-Zehnder interferometers based on a spherical-shaped structure. Applied Optics, 2019, 58, 6204.	0.9	23
24	Investigation of the effect of gold coating of gold-coated fiber on distributed strain measurement by differential pulse pair Brillouin optical-time analysis. Applied Optics, 2019, 58, 8376.	0.9	4
25	Randomly spaced chirped grating-based random fiber laser. Applied Physics B: Lasers and Optics, 2018, 124, 1.	1.1	20
26	Wavelength scanning distance interferometry using inflection point retrieval for phase unwrapping. Optics Communications, 2018, 410, 292-296.	1.0	4
27	Magnetic Field Sensor Based on Magnetic Fluid-Infiltrated Phase-Shifted Fiber Bragg Grating. IEEE Sensors Journal, 2018, 18, 4008-4012.	2.4	34
28	Transverse load sensor based on Mach-Zehnder interferometer constructed by a bowknot type taper. Optical Fiber Technology, 2018, 40, 52-55.	1.4	9
29	Carbon-nanotube / Polyvinyl alcohol coated thin core fiber sensor for humidity measurement. Sensors and Actuators B: Chemical, 2018, 257, 800-806.	4.0	56
30	Half-open cavity random fiber laser based on chirped-fiber Bragg grating array written in erbium-doped fiber. , 2018, , .		0
31	Random Laser with Erbium-Doped Fiber and fs-Laser Introduced Random Fiber Grating. , 2018, , .		0
32	Alcohol-filled side-hole fiber based Mach-Zehnder interferometer for temperature measurement. Optical Fiber Technology, 2018, 46, 72-76.	1.4	14
33	Microfiber polarization modulation in response to protein induced self-assembly of functionalized magnetic nanoparticles. Applied Physics Letters, 2018, 113, .	1.5	9
34	Compact Temperature Sensor With Highly Germania-Doped Fiber-Based Michelson Interferometer. IEEE Sensors Journal, 2018, 18, 8017-8021.	2.4	14
35	Liquid surface tension and refractive index sensor based on a tilted fiber Bragg grating. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1282.	0.9	18
36	Optical fiber sensor based on Mach-Zehnder interferometer combined with a fiber Bragg grating for simultaneous measurement of refractive index and temperature. Optical Engineering, 2018, 57, 1.	0.5	1

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37	Temperature Sensor by Using Highly Germanium-doped Fiber. , 2018, , .		1
38	Fiber sphere-embedded long-period fiber grating for curvature measurement with high sensitivity. Optical Engineering, 2018, 57, 1.	0.5	1
39	Temperature sensor based on highly germanium-doped fiber with rounded tip. , 2018, , .		1
40	Fiber Optic Fabry-Pérot Optofluidic Sensor With a Focused Ion Beam Ablated Microslot For Fast Refractive Index and Magnetic Field Measurement. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 322-326.	1.9	40
41	Magnetic field modulating in-line fiber polarization modulator based on microfiber and magnetic fluid. Applied Physics Letters, 2017, 111, .	1.5	10
42	A chitosan-coated humidity sensor based on Mach-Zehnder interferometer with waist-enlarged fusion bitapers. Optical Fiber Technology, 2017, 33, 56-59.	1.4	50
43	Miniature pH sensor based on thin-core fiber Mach-Zehnder interferometer. , 2017, , .		0
44	Mid-infrared supercontinuum generation by nanosecond diode pumping. , 2017, , .		0
45	Detection of Ni ²⁺ with optical fiber Mach-Zehnder interferometer coated with chitosan/MWCNT/PAA. , 2017, , .		2
46	Miniature optical fiber sensor based on polypyrrole for detection of VOCs. , 2017, , .		0
47	Light polarization modulation based on microfiber and magnetic fluid. , 2017, , .		1
48	Instant Laser Wavelength Measurement Based on Dual Fabry-Pérot Etalons. IEEE Photonics Technology Letters, 2017, 29, 2039-2042.	1.3	3
49	Fiber optic relative humidity sensor based on the tilted fiber Bragg grating coated with graphene oxide. Applied Physics Letters, 2016, 109, .	1.5	106
50	Heavy Metal Cation Probe with Signal to Noise Ratio Measurement of Fiber Bragg Grating. Procedia Engineering, 2016, 140, 67-71.	1.2	4
51	Optical modal interferometer fiber strain sensor based on waist-enlarge fusion splicing. Optik, 2016, 127, 6862-6866.	1.4	5
52	Fiber curvature sensor based on spherical-shape structures and long-period grating. Optics and Lasers in Engineering, 2016, 86, 356-359.	2.0	18
53	Fiber curvature sensor based on Mach-Zehnder interferometer using up-taper cascaded long-period grating. Microwave and Optical Technology Letters, 2016, 58, 246-248.	0.9	15
54	Multi-wavelength erbium-doped fiber laser based on random distributed feedback. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	28

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55	Stress-Loss Correlation and Dispersion Control in Highly GeO ₂ -Doped Fibers. IEEE Photonics Technology Letters, 2016, 28, 1521-1524.	1.3	7
56	Simultaneous Refractive Index and Temperature Measurement Based on Mach-Zehnder Interferometer Concatenating Two Bi-Tapers and a Long-Period Grating. IEEE Sensors Journal, 2016, 16, 4295-4299.	2.4	38
57	Simultaneous measurement of liquid level and temperature based on spherical-shape structures and long period fiber grating. Sensors and Actuators A: Physical, 2016, 239, 196-200.	2.0	36
58	Simultaneous Measurement of Curvature and Temperature Based on Mach-Zehnder Interferometer Comprising Core-Offset and Spherical-Shape Structures. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	33
59	Miniature pH Optical Fiber Sensor Based on Fabry-Perot Interferometer. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 331-335.	1.9	49
60	Heavy metal ions probe with relative measurement of fiber Bragg grating. Sensors and Actuators B: Chemical, 2016, 230, 353-358.	4.0	23
61	A Highly Sensitive Fibre-Optic Nano-Displacement Sensor Based on Surface Plasmon Resonance. Journal of Lightwave Technology, 2016, 34, 2324-2330.	2.7	27
62	Refractive index sensor based on combination of tilted fiber Bragg grating and waist-enlarged fusion bitaper. Optics Communications, 2015, 356, 571-573.	1.0	8
63	Optical fiber temperature sensor based on modal interferometer comprising two peanut-shape structures. Microwave and Optical Technology Letters, 2015, 57, 2841-2844.	0.9	5
64	Magnetic field sensor based on magnetic-fluid-coated long-period fiber grating. Journal of Optics (United Kingdom), 2015, 17, 065402.	1.0	22
65	Optical Fiber Inclinator Based on a Fiber Taper Cascading a Peanut-Shape Structure. IEEE Sensors Journal, 2015, 15, 3917-3920.	2.4	17
66	All-Fiber Mach-Zehnder Interferometer for Liquid Level Measurement. IEEE Sensors Journal, 2015, 15, 3984-3988.	2.4	55
67	Highly sensitive magnetic field sensor using long-period fiber grating. , 2015, , .		2
68	Simultaneous Measurement of Tilt Angle and Temperature With Pendulum-Based Fiber Bragg Grating Sensor. IEEE Sensors Journal, 2015, 15, 6381-6384.	2.4	38
69	Photonic crystal fiber interferometric pH sensor based on polyvinyl alcohol/polyacrylic acid hydrogel coating. Applied Optics, 2015, 54, 2647.	0.9	55
70	All-fiber multiwavelength thulium-doped laser assisted by four-wave mixing in highly germania-doped fiber. Optics Express, 2015, 23, 340.	1.7	48
71	Miniature temperature sensor with germania-core optical fiber. Optics Express, 2015, 23, 17687.	1.7	19
72	Intensity-modulated refractometer with long period fiber grating cascaded by chirped fiber grating. Proceedings of SPIE, 2015, , .	0.8	0

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73	A refractive index sensor based on in-line modal interferometer with waist-enlarge fusion splicing. <i>Optik</i> , 2015, 126, 3058-3060.	1.4	2
74	All Fiber Real-Time Laser Wavelength Measurement Method Based on Faraday Rotation Effect. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 2246-2249.	1.3	9
75	Intensity-modulated relative humidity sensing with polyvinyl alcohol coating and optical fiber gratings. <i>Applied Optics</i> , 2015, 54, 2620.	0.9	23
76	Random Laser With Multiphase-Shifted Bragg Grating in Er/Yb-Codoped Fiber. <i>Journal of Lightwave Technology</i> , 2015, 33, 95-99.	2.7	32
77	Optical fiber magnetic field sensor based on magnetic fluid and microfiber mode interferometer. <i>Optics Communications</i> , 2015, 336, 5-8.	1.0	80
78	Magnetic Field Sensing With Reflectivity Ratio Measurement of Fiber Bragg Grating. <i>IEEE Sensors Journal</i> , 2015, 15, 1372-1376.	2.4	28
79	Relative humidity sensor based on optical fiber gratings and polyvinyl alcohol. , 2014, , .		4
80	Magnetic field sensor based on reflection spectrum measurement of fiber Bragg grating. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
81	Intensity demodulation strain sensor based on two waist-enlarged fiber tapers. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 954-956.	0.9	5
82	Liquid Seal for Temperature Sensing with Fiber-Optic Refractometers. <i>Sensors</i> , 2014, 14, 14873-14884.	2.1	7
83	Ultrasensitive Temperature Sensor Based on Refractive Index Liquid-Sealed Thin-Core Fiber Modal Interferometers. <i>IEEE Sensors Journal</i> , 2014, 14, 1179-1184.	2.4	10
84	Optical fiber axial micro-displacement sensor based on Mach-Zehnder interferometer. <i>Optics Express</i> , 2014, 22, 31984.	1.7	47
85	Optical Fiber Laser Salinity Sensor Based on Multimode Interference Effect. <i>IEEE Sensors Journal</i> , 2014, 14, 1813-1816.	2.4	63
86	Hollow fiber-based Fabry-Pérot cavity for liquid surface tension measurement. <i>Applied Optics</i> , 2014, 53, 7814.	2.1	8
87	Sensitivity-enhanced Michelson interferometric humidity sensor with waist-enlarged fiber bitaper. <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 180-184.	4.0	92
88	Simultaneous measurement of strain and temperature based on a long-period grating with a polarization maintaining fiber in a loop mirror. <i>Optical Fiber Technology</i> , 2014, 20, 44-47.	1.4	24
89	A fiber strain and vibration sensor based on high birefringence polarization maintaining fibers. <i>Optics Communications</i> , 2014, 322, 105-108.	1.0	25
90	A fiber air-gap Fabry-Pérot temperature sensor demodulated by using frequency modulated continuous wave. <i>Optics Communications</i> , 2014, 324, 234-237.	1.0	8

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91	Refractive Index and Temperature Sensor Based on Double-Pass M-Z Interferometer With an FBC. IEEE Photonics Technology Letters, 2014, 26, 1124-1127.	1.3	30
92	Enhancement of the sensitivity of magneto-optical fiber sensor by magnifying the birefringence of magnetic fluid film with Loyt-Sagnac interferometer. Sensors and Actuators B: Chemical, 2014, 191, 19-23.	4.0	97
93	Curvature Sensor Based on Hollow-Core Photonic Crystal Fiber Sagnac Interferometer. IEEE Sensors Journal, 2014, 14, 777-780.	2.4	46
94	Relative Humidity Sensor Based on SMS Fiber Structure With Two Waist-Enlarged Tapers. IEEE Sensors Journal, 2014, 14, 2683-2686.	2.4	37
95	Tunable Erbium-Doped Fiber Laser Based on Random Distributed Feedback. IEEE Photonics Journal, 2014, 6, 1-5.	1.0	27
96	Cascaded Random Fiber Laser Based on Hybrid Brillouin-Erbium Fiber Gains. IEEE Photonics Technology Letters, 2014, 26, 1287-1290.	1.3	24
97	High Sensitive Micro-Displacement Sensor Based on M-Z Interferometer by a Bowknot Type Taper. IEEE Photonics Technology Letters, 2014, 26, 62-65.	1.3	42
98	An Optical Fiber Curvature Sensor Based on Two Peanut-Shape Structures Modal Interferometer. IEEE Photonics Technology Letters, 2014, 26, 22-24.	1.3	119
99	Multiwavelength Brillouin-Erbium Random Fiber Laser Incorporating a Chirped Fiber Bragg Grating. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 294-298.	1.9	36
100	Erbium-doped fiber laser with distributed Rayleigh output mirror. Laser Physics, 2014, 24, 115101.	0.6	28
101	Magnetic Field Sensor With Optical Fiber Bitaper-Based Interferometer Coated by Magnetic Fluid. IEEE Sensors Journal, 2014, 14, 3148-3151.	2.4	32
102	Highly sensitive twist sensor based on tilted fiber Bragg grating of polarization-dependent properties. Optical Fiber Technology, 2014, 20, 491-494.	1.4	27
103	Optical fiber anemometer using silver-coated fiber Bragg grating and bitaper. Sensors and Actuators A: Physical, 2014, 214, 230-233.	2.0	51
104	Power-referenced refractometer with tilted fiber Bragg grating cascaded by chirped grating. Optics Communications, 2014, 312, 106-109.	1.0	22
105	An optical liquid level sensor based on polarization-maintaining fiber modal interferometer. Sensors and Actuators A: Physical, 2014, 205, 204-207.	2.0	47
106	High-sensitivity temperature sensor based on a droplet-like fiber circle. Applied Optics, 2014, 53, 4085.	0.9	9
107	Temperature-insensitive fiber cantilever vibration sensor based on a fiber-to-fiber structure. Chinese Optics Letters, 2014, 12, 020604-20608.	1.3	2
108	An optical fiber curvature sensor based on photonic crystal fiber modal interferometer. Sensors and Actuators A: Physical, 2013, 195, 139-141.	2.0	72

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109	A Temperature-insensitive Relative Humidity Sensor by using Polarization Maintaining Fiber-Based Sagnac Interferometer. Microwave and Optical Technology Letters, 2013, 55, 2305-2307.	0.9	21
110	Novel bending sensor based on a meniscus shaped beam with LPG. Optik, 2013, 124, 6737-6739.	1.4	3
111	Temperature-independent accelerometer using a fiber Bragg grating incorporating a biconical taper. Optical Fiber Technology, 2013, 19, 410-413.	1.4	10
112	Refractive index sensor based on all-fiber multimode interference. Optik, 2013, 124, 1845-1848.	1.4	12
113	Liquid Refractive Index Sensor Based on a Polarization-Maintaining Fiber Loop Mirror. IEEE Sensors Journal, 2013, 13, 1721-1724.	2.4	14
114	Fiber optic anemometer based on metal-coated fiber Bragg grating. , 2013, , .		0
115	Magneto-optical fiber sensor based on magnetic fluid surrounded tilted fiber Bragg grating. , 2013, , .		1
116	Humidity Sensor With a PVA-Coated Photonic Crystal Fiber Interferometer. IEEE Sensors Journal, 2013, 13, 2214-2216.	2.4	85
117	Hot-Wire Anemometer Based on Silver-Coated Fiber Bragg Grating Assisted by No-Core Fiber. IEEE Photonics Technology Letters, 2013, 25, 2458-2461.	1.3	63
118	Label-free fiber-optic interferometric immunosensors based on waist-enlarged fusion taper. Sensors and Actuators B: Chemical, 2013, 178, 176-184.	4.0	37
119	Temperature-insensitive 2D fiber Bragg grating TILT sensor. Microwave and Optical Technology Letters, 2013, 55, 344-346.	0.9	9
120	All fiber curvature sensor based on modal interferometer with waist enlarge splicing. Sensors and Actuators A: Physical, 2013, 203, 103-106.	2.0	23
121	Temperature-independent refractometer based on a tapered photonic crystal fiber interferometer. Optics Communications, 2013, 291, 238-241.	1.0	17
122	Detection of liquid-level variation using a SMS fiber structure. Optik, 2013, 124, 3771-3773.	1.4	11
123	Simultaneous measurement of relative humidity and temperature with PCF-MZI cascaded by fiber Bragg grating. Optics Communications, 2013, 303, 42-45.	1.0	59
124	Miniature refractometer based on Mach-Zehnder interferometer with waist-enlarged fusion bitaper. Optics Communications, 2013, 292, 84-86.	1.0	35
125	Laser self-induced tunable birefringence of magnetic fluid. Applied Physics Letters, 2013, 102, .	1.5	10
126	Alcohol-filled side-hole fiber Sagnac interferometer for temperature measurement. Sensors and Actuators A: Physical, 2013, 193, 182-185.	2.0	34

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127	Temperature-insensitive strain sensor using a fiber loop mirror based on low-birefringence polarization-maintaining fibers. Optics Communications, 2013, 287, 31-34.	1.0	20
128	A Hollow Core Fiber-Based Intermodal Interferometer for Measurement of Strain and Temperature. IEEE Sensors Journal, 2013, 13, 3468-3471.	2.4	11
129	Magnetic field sensor using tilted fiber grating interacting with magnetic fluid. Optics Express, 2013, 21, 17863.	1.7	93
130	Relative Humidity Sensor Based on Microfiber Loop Resonator. Advances in Materials Science and Engineering, 2013, 2013, 1-4.	1.0	16
131	Sensing Characteristics of Side-Hole Fiber-Based Long-Period Grating. Advances in Materials Science and Engineering, 2013, 2013, 1-6.	1.0	8
132	Optical fiber humidity sensor based on Michelson interferometric structures. , 2013, , .		3
133	Intensity-modulated magnetic field sensor based on magnetic fluid and optical fiber gratings. Applied Physics Letters, 2013, 103, 183511.	1.5	68
134	Power-referenced refractometer based on hybrid fiber grating. Proceedings of SPIE, 2013, , .	0.8	0
135	Highly Sensitive Refractive Index Sensor Based on a Cladding-Etched Thin-Core Fiber Sandwiched between Two Single-Mode Fibers. Chinese Physics Letters, 2012, 29, 094203.	1.3	17
136	Polarization-dependent curvature sensor based on an in-fiber Mach-Zehnder interferometer with a difference arithmetic demodulation method. Optics Express, 2012, 20, 15406.	1.7	94
137	Temperature Sensor Based on Modal Interference in Hollow-Core Photonic Bandgap Fiber With Collapse Splicing. IEEE Sensors Journal, 2012, 12, 1421-1424.	2.4	12
138	Refractometer based on tilted fiber Bragg grating incorporating with waist-enlarged fusion bitaper. , 2012, , .		1
139	A Thin-Core Fiber Modal Interferometer for Liquid-Level Sensing. Chinese Physics Letters, 2012, 29, 104209.	1.3	20
140	Simultaneous measurement of curvature and temperature based on two waist-enlarged fiber tapers and a fiber Bragg grating. , 2012, , .		1
141	Refractometer based on a superimposed optical fiber grating. , 2012, , .		0
142	Experimental investigation on the single-wavelength Brillouin fiber ring laser. Proceedings of SPIE, 2012, , .	0.8	0
143	Sensitivity characteristics of high-birefringence Sagnac interferometer sensors. , 2012, , .		0
144	Fiber-optic thermal anemometer based on metallic coated fiber Bragg grating. Proceedings of SPIE, 2012, , .	0.8	2

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145	Fiber-Optic Curvature Sensor Based on Cladding-Mode Bragg Grating Excited by Fiber Multimode Interferometer. IEEE Photonics Journal, 2012, 4, 1051-1057.	1.0	73
146	High Extinction Ratio Magneto-Optical Fiber Modulator Based on Nanoparticle Magnetic Fluids. IEEE Photonics Journal, 2012, 4, 1140-1146.	1.0	28
147	Compact Anemometer Using Silver-Coated Fiber Bragg Grating. IEEE Photonics Journal, 2012, 4, 1381-1386.	1.0	48
148	Magneto-optical fiber sensor based on bandgap effect of photonic crystal fiber infiltrated with magnetic fluid. Applied Physics Letters, 2012, 101, .	1.5	137
149	Optical Fiber Refractometer Based on a Long-Period Grating Inscribed in a Fiber Loop Mirror. , 2012, , .		2
150	Magneto-optical fiber sensor based on magnetic fluid. Optics Letters, 2012, 37, 398.	1.7	162
151	Simultaneous measurement of curvature and temperature with fiber taper-based MZI containing fiber Bragg grating. Journal of Electromagnetic Waves and Applications, 2012, 26, 2438-2444.	1.0	18
152	Hollow-core photonic crystal fiber based modal interferometer for strain measurement. Sensors and Actuators A: Physical, 2012, 187, 95-97.	2.0	7
153	Simultaneous strain and temperature measurement based on a photonic crystal fiber modal-interference interacting with a long period fiber grating. Optics Communications, 2012, 285, 4874-4877.	1.0	27
154	Multiplex and simultaneous measurement of displacement and temperature using tapered fiber and fiber Bragg grating. Review of Scientific Instruments, 2012, 83, 053109.	0.6	16
155	Temperature sensor by using alcohol-filled side-hole fiber based Sagnac interferometer. , 2012, , .		0
156	Temperature-insensitive optical fiber two-dimensional micrometric displacement sensor based on an in-line Mach-Zehnder interferometer. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1136.	0.9	32
157	Recent progress in distributed optical fiber raman sensors. , 2012, , .		2
158	Humidity Sensor Based on a Multimode-Fiber Taper Coated With Polyvinyl Alcohol Interacting With a Fiber Bragg Grating. IEEE Sensors Journal, 2012, 12, 2205-2208.	2.4	62
159	Fiber bragg grating-based load sensor without temperature dependence. Microwave and Optical Technology Letters, 2012, 54, 930-933.	0.9	2
160	Relative humidity sensor based on polarization maintaining fiber loop mirror with polymer coating. Microwave and Optical Technology Letters, 2012, 54, 2364-2366.	0.9	10
161	Temperature Sensing Based on Ethanol-Filled Photonic Crystal Fiber Modal Interferometer. IEEE Sensors Journal, 2012, 12, 2593-2597.	2.4	39
162	Recent progress in distributed optical fiber Raman photon sensors at China Jiliang University. Photonic Sensors, 2012, 2, 127-147.	2.5	19

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163	Cavity ringdown refractive index sensor using photonic crystal fiber interferometer. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 108-113.	4.0	44
164	Optical fiber strain and temperature sensor based on an in-line Mach-Zehnder interferometer using thin-core fiber. <i>Optics Communications</i> , 2012, 285, 3721-3725.	1.0	54
165	Photonic crystal fiber refractive index sensor based on a fiber Bragg grating demodulation. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 761-765.	4.0	33
166	A polarization-maintaining fiber loop mirror based sensor for liquid refractive index absolute measurement. <i>Sensors and Actuators B: Chemical</i> , 2012, 168, 360-364.	4.0	39
167	Photonic Crystal Fiber Strain Sensor Based on Modified Mach-Zehnder Interferometer. <i>IEEE Photonics Journal</i> , 2012, 4, 114-118.	1.0	77
168	Temperature-Insensitive Magnetic Field Sensor Based on Nanoparticle Magnetic Fluid and Photonic Crystal Fiber. <i>IEEE Photonics Journal</i> , 2012, 4, 491-498.	1.0	133
169	A highly-birefringent fiber loop mirror temperature sensor demodulation based on a long-period grating in photonic crystal fiber with differential processing. <i>Microwave and Optical Technology Letters</i> , 2012, 54, 176-179.	0.9	5
170	Recent progress of fiber loop mirror-based sensors in China Jiliang University. <i>Photonic Sensors</i> , 2012, 2, 29-36.	2.5	4
171	A Comparison of Fiber Bragg Grating Sensor and Resistance Strain Gauge for Vibration Detection. <i>Sensor Letters</i> , 2012, 10, 1548-1551.	0.4	1
172	Temperature-Insensitive Fiber Bragg Grating Tiny Displacement Sensor. <i>Sensor Letters</i> , 2012, 10, 1470-1473.	0.4	3
173	A Sagnac Loop Sensor for Refractive Index Measurement. , 2011, , .		2
174	A novel tilt sensor with a large measurement range based on long-period fiber grating. , 2011, , .		1
175	A high sensitivity refractometer based on a partial liquid-filled hollow-core photonic bandgap fiber. , 2011, , .		0
176	A tilt sensor with a compact dimension based on a long-period fiber grating. <i>Review of Scientific Instruments</i> , 2011, 82, 093106.	0.6	21
177	All-fiber-optic sensor for relative humidity measurement. , 2011, , .		2
178	A Temperature-Insensitive Twist Sensor by Using Low-Birefringence Photonic-Crystal-Fiber-Based Sagnac Interferometer. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 920-922.	1.3	107
179	Tunable microwave generation based on a dual-wavelength single-longitudinal-mode fiber laser using a phase-shifted grating on a triangular cantilever. <i>Applied Optics</i> , 2011, 50, 1900.	2.1	23
180	Highly sensitive fiber loop ringdown strain sensor using photonic crystal fiber interferometer. <i>Applied Optics</i> , 2011, 50, 3087.	2.1	43

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181	Magneto-optic fiber Sagnac modulator based on magnetic fluids. Optics Letters, 2011, 36, 1425.	1.7	77
182	High-sensitivity temperature sensor based on an alcohol-filled photonic crystal fiber loop mirror. Optics Letters, 2011, 36, 1548.	1.7	243
183	Power-Referenced Optical Fiber Refractometer Based on a Hybrid Fiber Grating. IEEE Photonics Technology Letters, 2011, 23, 1706-1708.	1.3	26
184	Compact fiber bending sensor based on superimposed gratings. Proceedings of SPIE, 2011, , .	0.8	0
185	A Sagnac loop sensor for simultaneous strain and temperature measurement. Proceedings of SPIE, 2011, , .	0.8	0
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