

Minghong Yang

List of Publications by Year in descending order

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197
papers

3,656
citations

109321

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175258

52
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199
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199
docs citations

199
times ranked

2375
citing authors

#	ARTICLE	IF	CITATIONS
1	Wavelength-Dependent Polarization Beam Splitter Based on Birefringent Tapered Multicore Fiber. <i>Journal of Lightwave Technology</i> , 2022, 40, 2128-2135.	4.6	1
2	van der Waals forces enhanced light-graphene interaction in optical microfiber polarizer. <i>AIP Advances</i> , 2022, 12, 045027.	1.3	1
3	Large-capacity and long-distance distributed acoustic sensing based on an ultra-weak fiber Bragg grating array with an optimized pulsed optical power arrangement. <i>Optics Express</i> , 2022, 30, 16931.	3.4	4
4	Sapphire Fiber Fabry-Perot Sensors With High Fringe Visibility. <i>IEEE Photonics Journal</i> , 2022, 14, 1-8.	2.0	4
5	Advanced Fiber-Optic Relative Humidity Sensor Based on Graphene Quantum Dots Doped Polyimide Coating. <i>IEEE Photonics Technology Letters</i> , 2022, 34, 725-728.	2.5	9
6	Distributed Acoustic Sensing System Based on Inserting-Zero Golay Coding With Ultra-Weak Fiber Bragg Gratings. <i>IEEE Sensors Journal</i> , 2022, 22, 15985-15990.	4.7	5
7	Radiation-Resistant Optical Fiber Fabry-Perot Interferometer Used for High-Temperature Sensing. <i>IEEE Sensors Journal</i> , 2021, 21, 57-61.	4.7	17
8	Hydrogen sensing performance investigations with optical heating and sensing element surface modification. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 1411-1419.	7.1	9
9	Fiber-Optic Hydrogen Sensors: A Review. <i>IEEE Sensors Journal</i> , 2021, 21, 12706-12718.	4.7	27
10	A Mechanically Stable and High-Sensitivity Glucose-Sensitive Membrane Based on the Entrapping of Immobilized GODs in PVA+PEG Composite Hydrogels. <i>IEEE Sensors Journal</i> , 2021, 21, 193-198.	4.7	3
11	Guest Editorial Special Issue on Advances in Fiber Optic Sensing Technologies. <i>IEEE Sensors Journal</i> , 2021, 21, 16-16.	4.7	6
12	Highly sensitive hydrogen sensor based on an in-fiber Mach-Zehnder interferometer with polymer infiltration and Pt-loaded WO ₃ coating. <i>Optics Express</i> , 2021, 29, 4147.	3.4	19
13	Distributed acoustic sensors with wide frequency response based on UWFBG array utilizing dual-pulse detection. <i>Optical Fiber Technology</i> , 2021, 61, 102452.	2.7	8
14	FBG Arrays for Quasi-Distributed Sensing: A Review. <i>Photonic Sensors</i> , 2021, 11, 91-108.	5.0	51
15	Versatile Interferometric Sensor Based on Sandwiched Grapefruit Photonic Crystal Fiber. <i>IEEE Sensors Journal</i> , 2021, 21, 17875-17881.	4.7	3
16	Fiber Optical Hydrogen Sensor Based on WO ₃ -Pd ₂ Pt-Pt Nanocomposite Films. <i>Nanomaterials</i> , 2021, 11, 128.	4.1	17
17	Tapered multicore fiber interferometer for ultra-sensitive temperature sensing with thermo-optical materials. <i>Optics Express</i> , 2021, 29, 35765.	3.4	16
18	Two-dimensional Close-packed Arrays of Polystyrene Microspheres Bragg Grating for Refractive Index Sensing. , 2021, , .		0

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19	Surface Plasmon Resonance Sensing Performance and Adsorption Law of Self-Assembly Glucose-Sensitive Membrane. IEEE Sensors Journal, 2020, 20, 610-616.	4.7	5
20	An Enhanced Distributed Acoustic Sensor With Large Temperature Tolerance Based on Ultra-Weak Fiber Bragg Grating Array. IEEE Photonics Journal, 2020, 12, 1-11.	2.0	13
21	A Refractometric Uric Acid Biosensor Based on Immobilized Uricase and PVA+PEG Composite Hydrogels. IEEE Sensors Journal, 2020, , 1-1.	4.7	1
22	Refractive index interferometer based on SMF-MMF-TMCF-SMF structure with low temperature sensitivity. Optical Fiber Technology, 2020, 57, 102233.	2.7	3
23	2D and 3D Shape Sensing Based on 7-Core Fiber Bragg Gratings. Photonic Sensors, 2020, 10, 306-315.	5.0	9
24	Tip hydrogen sensor based on liquid-filled in-fiber Fabry-Pérot interferometer with Pt-loaded WO_3 coating. Measurement Science and Technology, 2020, 31, 125107.	2.6	7
25	Optical fiber plasmonic sensor for the ultrasensitive detection of copper (II) ion based on trimetallic Au@AgPt core-shell nanospheres. Sensors and Actuators B: Chemical, 2020, 321, 128480.	7.8	15
26	A Design of Taper-Like Etched Multicore Fiber Refractive Index-Insensitive a Temperature Highly Sensitive Mach-Zehnder Interferometer. IEEE Sensors Journal, 2020, 20, 7074-7081.	4.7	29
27	Polar-groups-modified polyimide based on a fiber Bragg grating for relative humidity sensors. Applied Optics, 2020, 59, 2468.	1.8	6
28	Simultaneously distributed temperature and dynamic strain sensing based on a hybrid ultra-weak fiber grating array. Optics Express, 2020, 28, 34309.	3.4	15
29	Hypersensitive H_2 sensor based on polymer planar Bragg gratings coated with Pt-loaded WO_3-SiO_2 . Optics Letters, 2020, 45, 3601.	3.3	11
30	Multipoint swept-wavelength interferometer with laser phase noise mitigation employing a broadband ultra-weak FBG array. Optics Letters, 2020, 45, 5913.	3.3	2
31	Etched multicore fiber Bragg gratings for refractive index sensing with temperature in-line compensation. OSA Continuum, 2020, 3, 1058.	1.8	17
32	Distributed Vibration and Temperature Measurement for Oil Well Based on Continuous Fiber Bragg Grating Array. Springer Series in Geomechanics and Geoengineering, 2020, , 1965-1973.	0.1	2
33	Hypersensitive H_2 sensor based on polymer planar Bragg gratings coated with Pt-loaded WO_3-SiO_2 : erratum. Optics Letters, 2020, 45, 4498.	3.3	0
34	Dielectric film based optical fiber sensor using Fabry-Pérot resonant structure. Optics Communications, 2019, 430, 63-67.	2.1	18
35	Graphene-Gold-Au@Ag NPs-PDMS Films Coated Fiber Optic for Refractive Index and Temperature Sensing. IEEE Photonics Technology Letters, 2019, 31, 1205-1208.	2.5	28
36	Performance-enhanced optical fiber hydrogen sensors based on WO_3-Pd_2Pt-Pt composite film with controlled optical heating. Optical Fiber Technology, 2019, 52, 101979.	2.7	11

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37	A High-Sensitivity and Broad-Range SPR Glucose Sensor Based on Improved Glucose Sensitive Membranes. <i>Photonic Sensors</i> , 2019, 9, 309-316.	5.0	16
38	Aminopeptidase N (CD13) Modified Gold Films for the Affinity Quantitative Detection of CNGRC-coupled Derivative. , 2019, , .		0
39	Improved performance of fiber-optic hydrogen sensor based on Mg-Ti alloys composite thin films. , 2019, , .		2
40	A side-grooved optical microfiber taper with polymer coating for highly sensitive temperature sensing. , 2019, , .		0
41	Investigations of Different Ion Intercalations on the Performance of FBG Hydrogen Sensors Based on Pt/MoO ₃ . <i>Sensors</i> , 2019, 19, 4775.	3.8	4
42	Effect of Different Inorganics on Polyimide-Based Bragg Grating Humidity Sensor. <i>IEEE Sensors Journal</i> , 2019, 19, 2016-2022.	4.7	16
43	Highly sensitive optical fiber sensor of carbon monoxide based on Fabry-Pérot interferometer and gold-based catalysts. <i>Optical Engineering</i> , 2019, 58, 1.	1.0	4
44	Reflective optical fiber sensor based on light polarization modulation for hydrogen sensing. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 3471.	2.1	10
45	Dynamic phase extraction in high-SNR DAS based on UWFBGs without phase unwrapping using scalable homodyne demodulation in direct detection. <i>Optics Express</i> , 2019, 27, 10644.	3.4	30
46	Highly Sensitive and Rapid FBG Hydrogen Sensor Using Pt-WO ₃ With Different Morphologies. <i>IEEE Sensors Journal</i> , 2018, 18, 2652-2658.	4.7	10
47	Gold Enhanced Hemoglobin Interaction in a Fabry-Pérot Based Optical Fiber Sensor for Measurement of Blood Refractive Index. <i>Journal of Lightwave Technology</i> , 2018, 36, 1118-1124.	4.6	22
48	Distributed Acoustic Sensor Using Broadband Weak FBG Array for Large Temperature Tolerance. <i>IEEE Sensors Journal</i> , 2018, 18, 2796-2800.	4.7	15
49	A SPR Glucose Sensor Based on Immobilized Glucose Oxidases and Silica Mesocellular Foams. <i>IEEE Sensors Journal</i> , 2018, 18, 2229-2235.	4.7	14
50	Thin films based one-dimensional photonic crystal for refractive index sensing. <i>Optik</i> , 2018, 158, 1512-1518.	2.9	11
51	Optical cascaded Fabry-Pérot interferometer hydrogen sensor based on vernier effect. <i>Optics Communications</i> , 2018, 414, 166-171.	2.1	78
52	Simultaneous Measurement of Temperature and Relative Humidity Based on FBG and FP Interferometer. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 833-836.	2.5	71
53	Strain characteristics of the silica-based fiber Bragg gratings for 30-273 K. <i>Cryogenics</i> , 2018, 92, 93-97.	1.7	5
54	Ultra-weak FBG array for fiber-optic sensing applications. , 2018, , .		0

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55	Cascaded-Cavity Fabry-Perot Interferometric Gas Pressure Sensor based on Vernier Effect. Sensors, 2018, 18, 3677.	3.8	49
56	High-sensitivity fiber optic hydrogen sensor in air by optimizing a self-referenced demodulating method. Applied Optics, 2018, 57, 8011.	1.8	7
57	Optical fiber Fabry-Perot humidity sensor based on polyimide membrane: Sensitivity and adsorption kinetics. Sensors and Actuators A: Physical, 2018, 281, 48-54.	4.1	31
58	Improved performance of fiber optic hydrogen sensor based on MoO ₃ by ion intercalation. Sensors and Actuators B: Chemical, 2018, 270, 333-340.	7.8	14
59	Novel optical fiber SPR temperature sensor based on MMF-PCF-MMF structure and gold-PDMS film. Optics Express, 2018, 26, 1910.	3.4	140
60	Pt nanoparticles encapsulated in mesoporous tungsten oxide to enhance the repeatability of a FBG hydrogen sensor. Optical Materials Express, 2018, 8, 1493.	3.0	11
61	Thin-film-based optical fiber Fabry-Perot interferometer used for humidity sensing. Applied Optics, 2018, 57, 2967.	1.8	15
62	A IR-Femtosecond Laser Hybrid Sensor to Measure the Thermal Expansion and Thermo-Optical Coefficient of Silica-Based FBG at High Temperatures. Sensors, 2018, 18, 359.	3.8	7
63	Optical hydrogen sensor based on PDMS-formed double-C type cavities with embedded Pt-loaded WO ₃ /SiO ₂ . Sensors and Actuators B: Chemical, 2018, 276, 23-30.	7.8	35
64	Enhanced sensitivity of heterocore structure surface plasmon resonance sensors based on local microstructures. Optical Engineering, 2018, 57, 1.	1.0	6
65	Enhanced Sensitivity of Hetero-core Structure SPR Temperature Sensor Based on Local Microstructures. , 2018, , .		2
66	Thousands of fiber grating sensor array based on draw tower: a new platform for fiber-optic sensing. , 2018, , .		6
67	Simultaneous strain and cryogenic temperature measurement by using an improved EFPI/FBG fiber sensor. , 2018, , .		0
68	Distributed Acoustic Sensing System Based on Broadband Ultra-Weak Fiber Bragg Grating Array. , 2018, , .		6
69	Fiber Bragg Grating Humidity Sensor Based on Polymer Coating with Activated Carbon Topping Layer. , 2018, , .		0
70	Fast thermal regeneration of weak fiber Bragg gratings. , 2018, , .		0
71	Advanced Fiber Bragg Grating Hydrogen Sensor by UV-Irradiation. , 2018, , .		0
72	Hydrogen sensor based on polymer-filled hollow core fiber with Pt-loaded WO ₃ /SiO ₂ coating. Sensors and Actuators B: Chemical, 2017, 245, 516-523.	7.8	26

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73	Fabricating phase-shifted fiber Bragg grating by simple postprocessing using femtosecond laser. Optical Engineering, 2017, 56, 027108.	1.0	12
74	Improved performance of fiber optic hydrogen sensor based on WO ₃ -Pd ₂ Pt-Pt composite film and self-referenced demodulation method. Sensors and Actuators B: Chemical, 2017, 249, 210-216.	7.8	23
75	Distributed acoustic sensing system based on continuous wide-band ultra-weak fiber Bragg grating array. Proceedings of SPIE, 2017, , .	0.8	3
76	Thin films based one-dimensional photonic crystal for humidity detection. Sensors and Actuators A: Physical, 2017, 263, 209-215.	4.1	31
77	Measurement of interlayer pressure in micro-clearance based on photonic crystal fiber. Measurement Science and Technology, 2017, 28, 065014.	2.6	0
78	Improved Performance of Fiber Bragg Hydrogen Sensors Assisted by Controllable Optical Heating System. IEEE Photonics Technology Letters, 2017, 29, 1233-1236.	2.5	11
79	The continuous line-shape measurement of bridge based on tri-axis fiber optic gyro. , 2017, , .		1
80	Development of Fiber Bragg Sensing Technologies for Industrial and Safe Applications at WUT and WUTOS. , 2017, , .		3
81	Humidity Sensor Based on Fiber Bragg Grating Coated With Different Pore-Foaming Agent Doped Polyimides. IEEE Photonics Technology Letters, 2017, 29, 1963-1966.	2.5	24
82	Miniature fiber-optic temperature sensor based on optical coating interference. Optik, 2017, 130, 1014-1020.	2.9	4
83	Sensitivity-enhanced temperature sensor based on metalized optical fiber grating for marine temperature monitoring. , 2017, , .		0
84	Temperature and strain sensor based on a few-mode photonic crystal fiber. , 2017, , .		5
85	Improved performance of fiber optic hydrogen sensor based on high reflective Bragg grating and WO ₃ -Pd ₂ Pt-Pt composite films. , 2017, , .		0
86	High-sensitivity quasi-distributed temperature sensors based on weak FBGs Fabry-Perot structure with metal coating. , 2017, , .		0
87	Ultra-high sensitive optical fiber hydrogen sensor using self-referenced demodulation method and WO ₃ -Pd ₂ Pt-Pt composite film. Optics Express, 2017, 25, 2009.	3.4	9
88	Investigation for terminal reflection optical fiber SPR glucose sensor and glucose sensitive membrane with immobilized GODs. Optics Express, 2017, 25, 3884.	3.4	70
89	Microstructured FBG hydrogen sensor based on Pt-loaded WO ₃ . Optics Express, 2017, 25, 8777.	3.4	18
90	A Low Frequency FBG Accelerometer with Symmetrical Bended Spring Plates. Sensors, 2017, 17, 206.	3.8	27

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91	Ultra-Weak Fiber Bragg Grating Sensing Network Coated with Sensitive Material for Multi-Parameter Measurements. <i>Sensors</i> , 2017, 17, 1509.	3.8	11
92	Fiber vibration sensing technologies based on draw-tower grating arrays. , 2017, , .		2
93	Optical Fiber Grating Hydrogen Sensors: A Review. <i>Sensors</i> , 2017, 17, 577.	3.8	60
94	Fiber Optic Sensors Based on Nano-Films. <i>Smart Sensors, Measurement and Instrumentation</i> , 2017, , 1-30.	0.6	2
95	Femtosecond Laser Ablated FBG with Composite Microstructure for Hydrogen Sensor Application. <i>Sensors</i> , 2016, 16, 2040.	3.8	9
96	Simultaneous Measurement of Temperature and Humidity Based on Integrative Sensor of Fiber Bragg Grating and multilayer Fraby-Perot interferometer. , 2016, , .		0
97	Water photolysis effect on the long-term stability of a fiber optic hydrogen sensor with Pt/WO ₃ . <i>Scientific Reports</i> , 2016, 6, 39160.	3.3	21
98	Numerical analysis of a novel refractive index and temperature sensor based on a kagomÃ© hollow-core photonic crystal fiber. , 2016, , .		2
99	Sagnac interferometer hydrogen sensor based on panda fiber with Pt-loaded WO ₃ /SiO ₂ coating. <i>Optics Letters</i> , 2016, 41, 1594.	3.3	43
100	Novel polyimide coated fiber Bragg grating sensing network for relative humidity measurements. <i>Optics Express</i> , 2016, 24, 3230.	3.4	42
101	FBG hydrogen sensor based on spiral microstructure ablated by femtosecond laser. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 392-398.	7.8	23
102	Huge capacity fiber-optic sensing network based on ultra-weak draw tower gratings. <i>Photonic Sensors</i> , 2016, 6, 26-41.	5.0	41
103	Improved Sensing Performance of Fiber-Optic Hydrogen Sensors Based on Actively Optical Heating. , 2016, , .		0
104	Improved Sensitivity of Fiber Fabry-Perot Interferometer Based on Phase-Tracking Algorithm. <i>IEEE Sensors Journal</i> , 2015, 15, 5834-5838.	4.7	3
105	Micro-structured femtosecond laser assisted FBG hydrogen sensor. <i>Optics Express</i> , 2015, 23, 31034.	3.4	26
106	Optical Fiber Humidity Sensor With Porous TiO ₂ /SiO ₂ /TiO ₂ Coatings on Fiber Tip. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1495-1498.	2.5	34
107	Optical fiber Fabry-Perot refractive index sensor based on porous Al ₂ O ₃ film. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2
108	All Fiber Grating (AFG): a new platform for fiber optic sensing technologies. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2

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109	Sapphire Fiber High-Temperature Tip Sensor With Multilayer Coating. IEEE Photonics Technology Letters, 2015, 27, 741-743.	2.5	15
110	Optical Fiber Fabry-Perot Humidity Sensor Based on Porous Al ₂ O ₃ Film. IEEE Photonics Technology Letters, 2015, 27, 2127-2130.	2.5	52
111	Hydrogen sensing array based on weak fiber Bragg grating. , 2015, , .		0
112	Ammonium Hydroxide Sensing Based on LSPR of Phosphatidylcholine-Modified Gold Nanorods. IEEE Photonics Technology Letters, 2015, 27, 2583-2586.	2.5	3
113	Optic fiber hydrogen sensor based on high-low reflectivity Bragg gratings and WO ₃ -Pd-Pt multilayer films. , 2015, , .		1
114	Fabrication of high-temperature temperature sensor based on dielectric multilayer film on Sapphire fiber tip. Sensors and Actuators A: Physical, 2015, 232, 99-102.	4.1	18
115	New trends and applications of optical fiber sensing technologies at the NEL-FOST. Proceedings of SPIE, 2015, , .	0.8	0
116	Fe(C)-coated optical fiber sensors for corrosion alarm monitoring. Proceedings of SPIE, 2015, , .	0.8	0
117	Optical fiber hydrogen sensor based on an annealing-stimulated Pd-γ thin film. Sensors and Actuators B: Chemical, 2015, 216, 11-16.	7.8	32
118	Ultra-weak FBG and its refractive index distribution in the drawing optical fiber. Optics Express, 2015, 23, 4829.	3.4	38
119	Self-compensated microstructure fiber optic sensor to detect high hydrogen concentration. Optics Express, 2015, 23, 22826.	3.4	22
120	Fiber Optic Hydrogen Sensor Based on Fabry-Perot Interferometer Coated With Sol-Gel Pt/WO ₃ Coating. Journal of Lightwave Technology, 2015, 33, 2530-2534.	4.6	28
121	Microfiber Bragg grating hydrogen sensor base on co-sputtered Pd/Ni composite film. Proceedings of SPIE, 2015, , .	0.8	2
122	Femtosecond Laser Ablated FBG Multitrenches for Magnetic Field Sensor Application. IEEE Photonics Technology Letters, 2015, 27, 1717-1720.	2.5	9
123	An in-line optical fiber refractometer with porous thin film coating. Sensors and Actuators B: Chemical, 2015, 209, 602-605.	7.8	9
124	Optical fiber hydrogen sensor based on evaporated Pt/WO ₃ film. Sensors and Actuators B: Chemical, 2015, 206, 564-569.	7.8	43
125	Underwater blast wave pressure sensor based on polymer film fiber Fabry-Perot cavity. Applied Optics, 2014, 53, 6494.	1.8	17
126	Fiber Bragg grating sensors with Pt-loaded WO ₃ coatings for hydrogen concentration detection down to 200 ppm. Measurement Science and Technology, 2014, 25, 114004.	2.6	11

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127	Dielectric multilayer-based fiber optic sensor enabling simultaneous measurement of humidity and temperature. <i>Optics Express</i> , 2014, 22, 11892.	3.4	34
128	The 4th Asia-Pacific Optical Sensors Conference, APOS 2013. <i>Measurement Science and Technology</i> , 2014, 25, 110301.	2.6	0
129	Novel FBG sensors based on cladding surface microstructures. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
130	Ultra-highly sensitive hydrogen sensor based on fiber Fabry-Perot interferometer with Pt/WO ₃ coating. , 2014, , .		1
131	High temperature sensor based on dielectric multilayer Fabry-Perot interferometry on Sapphire fiber tip. , 2014, , .		3
132	Optical Fiber High-Temperature Sensor Based on Dielectric Films Extrinsic Fabry-Perot Cavity. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 2107-2110.	2.5	21
133	Sensitive hydrogen sensor based on selectively infiltrated photonic crystal fiber with Pt-loaded WO ₃ coating. <i>Optics Letters</i> , 2014, 39, 3872.	3.3	27
134	Optical fiber relative-humidity sensor with evaporated dielectric coatings on fiber end-face. <i>Optical Fiber Technology</i> , 2014, 20, 314-319.	2.7	53
135	Performance of fiber Bragg grating hydrogen sensor coated with Pt-loaded WO ₃ coating. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 657-663.	7.8	68
136	Femtosecond laser fabricated in-line micro multicavity fiber FP interferometers sensor. <i>Optics Communications</i> , 2014, 316, 80-85.	2.1	24
137	Femtosecond laser ablation of microstructures in fiber and application in magnetic field sensing. <i>Optics Letters</i> , 2014, 39, 1905.	3.3	11
138	Miniature Hydrogen Sensor Based on Fiber Inner Cavity and Pt-doped WO ₃ Coating. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1458-1461.	2.5	10
139	Fiber optic hydrogen sensors: a review. <i>Photonic Sensors</i> , 2014, 4, 300-324.	5.0	50
140	Enhanced sensitivity of fiber Bragg grating hydrogen sensor using flexible substrate. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 604-609.	7.8	40
141	Optical fiber-tip Fabry-Perot interferometer for hydrogen sensing. <i>Optics Communications</i> , 2014, 329, 34-37.	2.1	19
142	In-line Mach-Zehnder Interferometer and FBG with Pd film for simultaneous hydrogen and temperature detection. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 893-896.	7.8	37
143	Fabry-Perot fiber-tip sensor based on an inner air cavity for refractive index sensing. <i>Chinese Optics Letters</i> , 2014, 12, S11202-311204.	2.9	3
144	Fiber in-line Fabry-Perot hydrogen-sensing interferometer fabricated by femtosecond laser with Pd/Ag composite coatings. <i>Chinese Optics Letters</i> , 2014, 12, S11201-311203.	2.9	0

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145	Optical Fiber Sensors with Coatings as Sensitive Elements. , 2014, , .		0
146	Miniature optical fiber sensors based on inner air-cavity. , 2014, , .		0
147	Comparison of optical fiber Bragg grating hydrogen sensors with Pd-based thin films and sol-gel WO ₃ coatings. Measurement Science and Technology, 2013, 24, 094009.	2.6	9
148	Optical hydrogen sensor based on etched fiber Bragg grating sputtered with Pd/Ag composite film. Optical Fiber Technology, 2013, 19, 26-30.	2.7	88
149	Large temperature sensitivity of fiber-optic extrinsic Fabry-Perot interferometer based on polymer-filled glass capillary. Optical Fiber Technology, 2013, 19, 618-622.	2.7	65
150	Integration of thin films with fiber micro-structures for sensing applications. , 2013, , .		0
151	Refractometer based on a microslot in single-multi-single fiber fabricated by femtosecond laser. Optical Engineering, 2013, 52, 044401.	1.0	4
152	Micro Multicavity Fabry-Perot Interferometers Sensor in SMFs Machined by Femtosecond Laser. IEEE Photonics Technology Letters, 2013, 25, 1609-1612.	2.5	33
153	Fabry-Perot Interferometer Sensor Fabricated by Femtosecond Laser for Hydrogen Sensing. IEEE Photonics Technology Letters, 2013, 25, 713-716.	2.5	38
154	Study on side-polished plastic optical fiber used as line source. Proceedings of SPIE, 2013, , .	0.8	0
155	Fiber in-line Michelson Interferometer for refractive index sensing. , 2013, , .		0
156	Optical fiber relative-humidity sensor using Fabry-Perot cavity formed by e-beam evaporated dielectric films. Proceedings of SPIE, 2013, , .	0.8	1
157	Hydrogen performance of fiber Bragg grating hydrogen sensors using Pt-loaded WO ₃ coating as sensing materials. Proceedings of SPIE, 2013, , .	0.8	0
158	Novel Optical Sensors Based on Integration of Fiber Micro-machining with Sensitive Thin Films. , 2013, , .		0
159	Magnetic field sensor based on fiber Bragg grating with a spiral microgroove ablated by femtosecond laser. Optics Express, 2013, 21, 17386.	3.4	55
160	Damage threshold influenced by the high absorption defect at the film-substrate interface under ultraviolet laser irradiation. Optics Letters, 2013, 38, 4308.	3.3	17
161	A time- and wavelength-division multiplexing sensor network with ultra-weak fiber Bragg gratings. Optics Express, 2013, 21, 22799.	3.4	106
162	Side-polished fiber Bragg grating hydrogen sensor with different sensitive thin films. , 2012, , .		3

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163	Femtosecond laser fabricated micro Mach-Zehnder interferometer with Pd film as sensing materials for hydrogen sensing. Optics Letters, 2012, 37, 1940.	3.3	45
164	Optical fiber hydrogen sensor based on micro interferometer. Proceedings of SPIE, 2012, , .	0.8	1
165	R&D on optical fiber sensors at the National Engineering Laboratory for Optic Fiber Sensing Technologies: fundamental and industrial aspects. , 2012, , .		0
166	Condition monitoring of reciprocating compressor using FBG-based sensors in petrochemical industry. , 2012, , .		1
167	A liquid level sensor based on fiber optic array and magnetic coupling. , 2012, , .		0
168	Comparison of side-polished fiber Bragg grating hydrogen sensors sputtered with Pd/Ag and Pd/Y composite films. Proceedings of SPIE, 2012, , .	0.8	2
169	Corrosion of Fe-C coated FBG sensor and rebars: a comparative study. Proceedings of SPIE, 2012, , .	0.8	2
170	Greatly etched fiber Bragg grating hydrogen sensor with Pd/Ni composite film as sensing material. Sensors and Actuators B: Chemical, 2012, 174, 253-257.	7.8	91
171	Research on optic fiber sensing engineering technology. Proceedings of SPIE, 2012, , .	0.8	0
172	Fiber In-Line Michelson Interferometer Tip Sensor Fabricated by Femtosecond Laser. IEEE Photonics Technology Letters, 2012, 24, 2060-2063.	2.5	37
173	Fiber optic hydrogen sensors with sol-gel WO ₃ coatings. Sensors and Actuators B: Chemical, 2012, 166-167, 632-636.	7.8	62
174	Review on optical fiber sensors with sensitive thin films. Photonic Sensors, 2012, 2, 14-28.	5.0	39
175	Hydrogen Performance of Side-Polished Fiber Bragg Grating Sputtered with Pd/Ag Composite Film. Sensor Letters, 2012, 10, 1434-1437.	0.4	4
176	Widely tunable multiwavelength Brillouin-Erbium fiber laser by optimizing self-lasing cavity modes oscillation. , 2012, , .		0
177	Optical Properties of Side-Polished Fiber with Two-Dimensional Photonic Crystal Lattice. Sensor Letters, 2012, 10, 1410-1413.	0.4	0
178	Fe-C-coated fibre Bragg grating sensor for steel corrosion monitoring. Corrosion Science, 2011, 53, 1933-1938.	6.6	58
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