

Minghong Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156
papers

2,453
citations

28
h-index

42
g-index

199
ext. papers

3,086
ext. citations

3.3
avg. IF

5.32
L-index

#	Paper	IF	Citations
156	Wavelength-Dependent Polarization Beam Splitter Based on Birefringent Tapered Multicore Fiber. <i>Journal of Lightwave Technology</i> , 2022 , 40, 2128-2135	4	0
155	van der Waals forces enhanced light-graphene interaction in optical microfiber polarizer. <i>AIP Advances</i> , 2022 , 12, 045027	1.5	0
154	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	3.3	0
153	Sapphire Fiber Fabry-Perot Sensors with High Fringe Visibility. <i>IEEE Photonics Journal</i> , 2022 , 1-1	1.8	1
152	Tapered multicore fiber interferometer for ultra-sensitive temperature sensing with thermo-optical materials. <i>Optics Express</i> , 2021 , 29, 35765-35775	3.3	3
151	Radiation-Resistant Optical Fiber Fabry-Perot Interferometer Used for High-Temperature Sensing. <i>IEEE Sensors Journal</i> , 2021 , 21, 57-61	4	6
150	Hydrogen sensing performance investigations with optical heating and sensing element surface modification. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 1411-1419	6.7	3
149	Fiber-Optic Hydrogen Sensors: A Review. <i>IEEE Sensors Journal</i> , 2021 , 21, 12706-12718	4	6
148	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	1
147	Guest Editorial Special Issue on Advances in Fiber Optic Sensing Technologies. <i>IEEE Sensors Journal</i> , 2021 , 21, 16-16	4	0
146	Highly sensitive hydrogen sensor based on an in-fiber Mach-Zehnder interferometer with polymer infiltration and Pt-loaded WO coating. <i>Optics Express</i> , 2021 , 29, 4147-4158	3.3	7
145	Distributed acoustic sensors with wide frequency response based on UWFBG array utilizing dual-pulse detection. <i>Optical Fiber Technology</i> , 2021 , 61, 102452	2.4	1
144	FBG Arrays for Quasi-Distributed Sensing: A Review. <i>Photonic Sensors</i> , 2021 , 11, 91-108	2.3	11
143	Versatile Interferometric Sensor Based on Sandwiched Grapefruit Photonic Crystal Fiber. <i>IEEE Sensors Journal</i> , 2021 , 21, 17875-17881	4	1
142	Fiber Optical Hydrogen Sensor Based on WO-PdPt-Pt Nanocomposite Films. <i>Nanomaterials</i> , 2021 , 11,	5.4	6
141	A Refractometric Uric Acid Biosensor Based on Immobilized Uricase and PVA+PEG Composite Hydrogels. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	0
140	Refractive index interferometer based on SMF-MMF-TMCF-SMF structure with low temperature sensitivity. <i>Optical Fiber Technology</i> , 2020 , 57, 102233	2.4	2

139	2D and 3D Shape Sensing Based on 7-Core Fiber Bragg Gratings. <i>Photonic Sensors</i> , 2020 , 10, 306-315	2.3	3
138	Tip hydrogen sensor based on liquid-filled in-fiber Fabry-Pérot interferometer with Pt-loaded WO ₃ coating. <i>Measurement Science and Technology</i> , 2020 , 31, 125107	2	2
137	Optical fiber plasmonic sensor for the ultrasensitive detection of copper (II) ion based on trimetallic Au@AgPt core-shell nanospheres. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128480	8.5	4
136	A Design of Taper-Like Etched Multicore Fiber Refractive Index-Insensitive a Temperature Highly Sensitive Mach-Zehnder Interferometer. <i>IEEE Sensors Journal</i> , 2020 , 20, 7074-7081	4	13
135	Polar-groups-modified polyimide based on a fiber Bragg grating for relative humidity sensors. <i>Applied Optics</i> , 2020 , 59, 2468-2473	1.7	3
134	Simultaneously distributed temperature and dynamic strain sensing based on a hybrid ultra-weak fiber grating array. <i>Optics Express</i> , 2020 , 28, 34309-34319	3.3	5
133	Hypersensitive H sensor based on polymer planar Bragg gratings coated with Pt-loaded WO-SiO ₂ . <i>Optics Letters</i> , 2020 , 45, 3601-3604	3	5
132	Multiport swept-wavelength interferometer with laser phase noise mitigation employing a broadband ultra-weak FBG array. <i>Optics Letters</i> , 2020 , 45, 5913-5916	3	1
131	Etched multicore fiber Bragg gratings for refractive index sensing with temperature in-line compensation. <i>OSA Continuum</i> , 2020 , 3, 1058	1.4	10
130	Distributed Vibration and Temperature Measurement for Oil Well Based on Continuous Fiber Bragg Grating Array. <i>Springer Series in Geomechanics and Geoengineering</i> , 2020 , 1965-1973	0.1	0
129	Hypersensitive H sensor based on polymer planar Bragg gratings coated with Pt-loaded WO-SiO ₂ : erratum. <i>Optics Letters</i> , 2020 , 45, 4498	3	
128	Surface Plasmon Resonance Sensing Performance and Adsorption Law of Self-Assembly Glucose-Sensitive Membrane. <i>IEEE Sensors Journal</i> , 2020 , 20, 610-616	4	2
127	An Enhanced Distributed Acoustic Sensor With Large Temperature Tolerance Based on Ultra-Weak Fiber Bragg Grating Array. <i>IEEE Photonics Journal</i> , 2020 , 12, 1-11	1.8	4
126	Optical Fibre Sensor Set-Up Elements 2020 , 49-89		
125	Dielectric film based optical fiber sensor using Fabry-Pérot resonant structure. <i>Optics Communications</i> , 2019 , 430, 63-67	2	7
124	Graphene-Gold-Au@Ag NPs-PDMS Films Coated Fiber Optic for Refractive Index and Temperature Sensing. <i>IEEE Photonics Technology Letters</i> , 2019 , 31, 1205-1208	2.2	17
123	Performance-enhanced optical fiber hydrogen sensors based on WO ₃ -Pd ₂ Pt-Pt composite film with controlled optical heating. <i>Optical Fiber Technology</i> , 2019 , 52, 101979	2.4	4
122	A High-Sensitivity and Broad-Range SPR Glucose Sensor Based on Improved Glucose Sensitive Membranes. <i>Photonic Sensors</i> , 2019 , 9, 309-316	2.3	10

121	Highly sensitive optical fiber sensor of carbon monoxide based on FabryPerot interferometer and gold-based catalyts. <i>Optical Engineering</i> , 2019 , 58, 1	1.1	2
120	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	1.7	2
119	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, 10644-10658	3.3	15
118	Improved performance of fiber-optic hydrogen sensor based on Mg-Ti alloys composite thin films 2019 ,		1
117	Investigations of Different Ion Intercalations on the Performance of FBG Hydrogen Sensors Based on Pt/MoO. <i>Sensors</i> , 2019 , 19,	3.8	2
116	Effect of Different Inorganics on Polyimide-Based Bragg Grating Humidity Sensor. <i>IEEE Sensors Journal</i> , 2019 , 19, 2016-2022	4	10
115	Highly Sensitive and Rapid FBG Hydrogen Sensor Using Pt-WO ₃ With Different Morphologies. <i>IEEE Sensors Journal</i> , 2018 , 18, 2652-2658	4	5
114	Gold Enhanced Hemoglobin Interaction in a FabryPerot Based Optical Fiber Sensor for Measurement of Blood Refractive Index. <i>Journal of Lightwave Technology</i> , 2018 , 36, 1118-1124	4	16
113	Distributed Acoustic Sensor Using Broadband Weak FBG Array for Large Temperature Tolerance. <i>IEEE Sensors Journal</i> , 2018 , 18, 2796-2800	4	6
112	A SPR Glucose Sensor Based on Immobilized Glucose Oxidases and Silica Mesocellular Foams. <i>IEEE Sensors Journal</i> , 2018 , 18, 2229-2235	4	11
111	Thin films based one-dimensional photonic crystal for refractive index sensing. <i>Optik</i> , 2018 , 158, 1512-1518	5.1	8
110	Optical cascaded FabryPerot interferometer hydrogen sensor based on vernier effect. <i>Optics Communications</i> , 2018 , 414, 166-171	2	46
109	Simultaneous Measurement of Temperature and Relative Humidity Based on FBG and FP Interferometer. <i>IEEE Photonics Technology Letters</i> , 2018 , 30, 833-836	2.2	44
108	Strain characteristics of the silica-based fiber Bragg gratings for 300-73 K. <i>Cryogenics</i> , 2018 , 92, 93-97	1.8	3
107	Novel optical fiber SPR temperature sensor based on MMF-PCF-MMF structure and gold-PDMS film. <i>Optics Express</i> , 2018 , 26, 1910-1917	3.3	84
106	Pt nanoparticles encapsulated in mesoporous tungsten oxide to enhance the repeatability of a FBG hydrogen sensor. <i>Optical Materials Express</i> , 2018 , 8, 1493	2.6	6
105	Thin-film-based optical fiber Fabry-Perot interferometer used for humidity sensing. <i>Applied Optics</i> , 2018 , 57, 2967-2972	1.7	9
104	A IR-Femtosecond Laser Hybrid Sensor to Measure the Thermal Expansion and Thermo-Optical Coefficient of Silica-Based FBG at High Temperatures. <i>Sensors</i> , 2018 , 18,	3.8	3

103	Optical hydrogen sensor based on PDMS-formed double-C type cavities with embedded Pt-loaded WO ₃ /SiO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2018 , 276, 23-30	8.5	22
102	Enhanced sensitivity of heterocore structure surface plasmon resonance sensors based on local microstructures. <i>Optical Engineering</i> , 2018 , 57, 1	1.1	4
101	Enhanced Sensitivity of Hetero-core Structure SPR Temperature Sensor Based on Local Microstructures 2018 ,		2
100	Thousands of fiber grating sensor array based on draw tower: a new platform for fiber-optic sensing 2018 ,		4
99	Distributed Acoustic Sensing System Based on Broadband Ultra-Weak Fiber Bragg Grating Array 2018 ,		4
98	Cascaded-Cavity Fabry-Perot Interferometric Gas Pressure Sensor based on Vernier Effect. <i>Sensors</i> , 2018 , 18,	3.8	25
97	High-sensitivity fiber optic hydrogen sensor in air by optimizing a self-referenced demodulating method. <i>Applied Optics</i> , 2018 , 57, 8011-8015	1.7	3
96	Optical fiber Fabry-Perot humidity sensor based on polyimide membrane: Sensitivity and adsorption kinetics. <i>Sensors and Actuators A: Physical</i> , 2018 , 281, 48-54	3.9	18
95	Improved performance of fiber optic hydrogen sensor based on MoO ₃ by ion intercalation. <i>Sensors and Actuators B: Chemical</i> , 2018 , 270, 333-340	8.5	9
94	Hydrogen sensor based on polymer-filled hollow core fiber with Pt-loaded WO ₃ /SiO ₂ coating. <i>Sensors and Actuators B: Chemical</i> , 2017 , 245, 516-523	8.5	18
93	Fabricating phase-shifted fiber Bragg grating by simple postprocessing using femtosecond laser. <i>Optical Engineering</i> , 2017 , 56, 027108	1.1	10
92	Improved performance of fiber optic hydrogen sensor based on WO ₃ -Pd ₂ Pt-Pt composite film and self-referenced demodulation method. <i>Sensors and Actuators B: Chemical</i> , 2017 , 249, 210-216	8.5	17
91	Distributed acoustic sensing system based on continuous wide-band ultra-weak fiber Bragg grating array 2017 ,		2
90	Thin films based one-dimensional photonic crystal for humidity detection. <i>Sensors and Actuators A: Physical</i> , 2017 , 263, 209-215	3.9	20
89	Measurement of interlayer pressure in micro-clearance based on photonic crystal fiber. <i>Measurement Science and Technology</i> , 2017 , 28, 065014	2	
88	Improved Performance of Fiber Bragg Hydrogen Sensors Assisted by Controllable Optical Heating System. <i>IEEE Photonics Technology Letters</i> , 2017 , 29, 1233-1236	2.2	6
87	The continuous line-shape measurement of bridge based on tri-axis fiber optic gyro 2017 ,		1
86	Fiber vibration sensing technologies based on draw-tower grating arrays 2017 ,		2

85	Optical Fiber Grating Hydrogen Sensors: A Review. <i>Sensors</i> , 2017 , 17,	3.8	39
84	Development of Fiber Bragg Sensing Technologies for Industrial and Safe Applications at WUT and WUTOS 2017 ,		1
83	Humidity Sensor Based on Fiber BraggGratingCoated With DifferentPore-FoamingAgentDopedPolyimides. <i>IEEE Photonics Technology Letters</i> , 2017 , 29, 1963-1966	2.2	17
82	Miniature fiber-optic temperature sensor based on optical coating interference. <i>Optik</i> , 2017 , 130, 1014-1020	3.0	3
81	Temperature and strain sensor based on a few-mode photonic crystal fiber 2017 ,		2
80	Ultra-high sensitive optical fiber hydrogen sensor using self-referenced demodulation method and WO ₃ -Pd ₂ Pt-Pt composite film. <i>Optics Express</i> , 2017 , 25, 2009-2015	3.3	9
79	Investigation for terminal reflection optical fiber SPR glucose sensor and glucose sensitive membrane with immobilized GODs. <i>Optics Express</i> , 2017 , 25, 3884-3898	3.3	46
78	Microstructured FBG hydrogen sensor based on Pt-loaded WO ₃ . <i>Optics Express</i> , 2017 , 25, 8777-8786	3.3	11
77	A Low Frequency FBG Accelerometer with Symmetrical Bended Spring Plates. <i>Sensors</i> , 2017 , 17,	3.8	16
76	Ultra-Weak Fiber Bragg Grating Sensing Network Coated with Sensitive Material for Multi-Parameter Measurements. <i>Sensors</i> , 2017 , 17,	3.8	9
75	Fiber Optic Sensors Based on Nano-Films. <i>Smart Sensors, Measurement and Instrumentation</i> , 2017 , 1-30	0.3	2
74	Novel polyimide coated fiber Bragg grating sensing network for relative humidity measurements. <i>Optics Express</i> , 2016 , 24, 3230-7	3.3	35
73	FBG hydrogen sensor based on spiral microstructure ablated by femtosecond laser. <i>Sensors and Actuators B: Chemical</i> , 2016 , 236, 392-398	8.5	17
72	Huge capacity fiber-optic sensing network based on ultra-weak draw tower gratings. <i>Photonic Sensors</i> , 2016 , 6, 26-41	2.3	26
71	Femtosecond Laser Ablated FBG with Composite Microstructure for Hydrogen Sensor Application. <i>Sensors</i> , 2016 , 16,	3.8	4
70	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	4.9	13
69	Numerical analysis of a novel refractive index and temperature sensor based on a kagom□ hollow-core photonic crystal fiber 2016 ,		1
68	Sagnac interferometer hydrogen sensor based on panda fiber with Pt-loaded WO ₃ /SiO ₂ coating. <i>Optics Letters</i> , 2016 , 41, 1594-7	3	27

67	Fabrication of high-temperature temperature sensor based on dielectric multilayer film on Sapphire fiber tip. <i>Sensors and Actuators A: Physical</i> , 2015 , 232, 99-102	3.9	15
66	Optical fiber hydrogen sensor based on an annealing-stimulated Pd thin film. <i>Sensors and Actuators B: Chemical</i> , 2015 , 216, 11-16	8.5	27
65	Ultra-weak FBG and its refractive index distribution in the drawing optical fiber. <i>Optics Express</i> , 2015 , 23, 4829-38	3.3	26
64	Self-compensated microstructure fiber optic sensor to detect high hydrogen concentration. <i>Optics Express</i> , 2015 , 23, 22826-35	3.3	15
63	Fiber Optic Hydrogen Sensor Based on FabryPerot Interferometer Coated With Sol-Gel Pt/WO ₃ Coating. <i>Journal of Lightwave Technology</i> , 2015 , 33, 2530-2534	4	22
62	Microfiber Bragg grating hydrogen sensor base on co-sputtered Pd/Ni composite film 2015 ,		1
61	Femtosecond Laser Ablated FBG Multitrenches for Magnetic Field Sensor Application. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 1717-1720	2.2	8
60	An in-line optical fiber refractometer with porous thin film coating. <i>Sensors and Actuators B: Chemical</i> , 2015 , 209, 602-605	8.5	5
59	Optical fiber hydrogen sensor based on evaporated Pt/WO ₃ film. <i>Sensors and Actuators B: Chemical</i> , 2015 , 206, 564-569	8.5	30
58	Improved Sensitivity of Fiber Fabry-Perot Interferometer Based on Phase-Tracking Algorithm. <i>IEEE Sensors Journal</i> , 2015 , 15, 5834-5838	4	2
57	Micro-structured femtosecond laser assisted FBG hydrogen sensor. <i>Optics Express</i> , 2015 , 23, 31034-42	3.3	20
56	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	2.2	25
55	All Fiber Grating (AFG): a new platform for fiber optic sensing technologies 2015 ,		2
54	Sapphire Fiber High-Temperature Tip Sensor With Multilayer Coating. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 741-743	2.2	12
53	Optical Fiber FabryPerot Humidity Sensor Based on Porous Al ₂ O ₃ Film. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 2127-2130	2.2	36
52	Ammonium Hydroxide Sensing Based on LSPR of Phosphatidylcholine-Modified Gold Nanorods. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 2583-2586	2.2	3
51	Optic fiber hydrogen sensor based on high-low reflectivity Bragg gratings and WO ₃ -Pd-Pt multilayer films 2015 ,		1
50	Femtosecond laser fabricated in-line micro multicavity fiber FP interferometers sensor. <i>Optics Communications</i> , 2014 , 316, 80-85	2	20

49	Femtosecond laser ablation of microstructures in fiber and application in magnetic field sensing. <i>Optics Letters</i> , 2014 , 39, 1905-8	3	9
48	Miniature Hydrogen Sensor Based on Fiber Inner Cavity and Pt-doped WO ₃ Coating. <i>IEEE Photonics Technology Letters</i> , 2014 , 26, 1458-1461	2.2	8
47	Fiber optic hydrogen sensors: a review. <i>Photonic Sensors</i> , 2014 , 4, 300-324	2.3	39
46	Enhanced sensitivity of fiber Bragg grating hydrogen sensor using flexible substrate. <i>Sensors and Actuators B: Chemical</i> , 2014 , 196, 604-609	8.5	29
45	Optical fiber-tip Fabry-Perot interferometer for hydrogen sensing. <i>Optics Communications</i> , 2014 , 329, 34-37	2	15
44	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	8.5	30
43	Underwater blast wave pressure sensor based on polymer film fiber Fabry-Perot cavity. <i>Applied Optics</i> , 2014 , 53, 6494-502	1.7	14
42	Fiber Bragg grating sensors with Pt-loaded WO ₃ coatings for hydrogen concentration detection down to 200 ppm. <i>Measurement Science and Technology</i> , 2014 , 25, 114004	2	9
41	Dielectric multilayer-based fiber optic sensor enabling simultaneous measurement of humidity and temperature. <i>Optics Express</i> , 2014 , 22, 11892-9	3.3	26
40	High temperature sensor based on dielectric multilayer Fabry-Perot interferometry on Sapphire fiber tip 2014 ,		3
39	Optical Fiber High-Temperature Sensor Based on Dielectric Films Extrinsic Fabry-Perot Cavity. <i>IEEE Photonics Technology Letters</i> , 2014 , 26, 2107-2110	2.2	15
38	Sensitive hydrogen sensor based on selectively infiltrated photonic crystal fiber with Pt-loaded WO ₃ coating. <i>Optics Letters</i> , 2014 , 39, 3872-5	3	23
37	Optical fiber relative-humidity sensor with evaporated dielectric coatings on fiber end-face. <i>Optical Fiber Technology</i> , 2014 , 20, 314-319	2.4	37
36	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	8.5	52
35	Fabry-Perot fiber-tip sensor based on an inner air cavity for refractive index sensing. <i>Chinese Optics Letters</i> , 2014 , 12, S11202-311204	2.2	3
34	Comparison of optical fiber Bragg grating hydrogen sensors with Pd-based thin films and sol-gel WO ₃ coatings. <i>Measurement Science and Technology</i> , 2013 , 24, 094009	2	7
33	Optical hydrogen sensor based on etched fiber Bragg grating sputtered with Pd/Ag composite film. <i>Optical Fiber Technology</i> , 2013 , 19, 26-30	2.4	69
32	Large temperature sensitivity of fiber-optic extrinsic Fabry-Perot interferometer based on polymer-filled glass capillary. <i>Optical Fiber Technology</i> , 2013 , 19, 618-622	2.4	52

31	Refractometer based on a microslot in single-multi-single fiber fabricated by femtosecond laser. <i>Optical Engineering</i> , 2013 , 52, 044401	1.1	3
30	Micro Multicavity Fabry-Pérot Interferometers Sensor in SMFs Machined by Femtosecond Laser. <i>IEEE Photonics Technology Letters</i> , 2013 , 25, 1609-1612	2.2	24
29	Fabry-Pérot Interferometer Sensor Fabricated by Femtosecond Laser for Hydrogen Sensing. <i>IEEE Photonics Technology Letters</i> , 2013 , 25, 713-716	2.2	28
28	Optical fiber relative-humidity sensor using Fabry-Pérot cavity formed by e-beam evaporated dielectric films 2013 ,		1
27	Magnetic field sensor based on fiber Bragg grating with a spiral microgroove ablated by femtosecond laser. <i>Optics Express</i> , 2013 , 21, 17386-91	3.3	43
26	Damage threshold influenced by the high absorption defect at the film-substrate interface under ultraviolet laser irradiation. <i>Optics Letters</i> , 2013 , 38, 4308-11	3	15
25	A time- and wavelength-division multiplexing sensor network with ultra-weak fiber Bragg gratings. <i>Optics Express</i> , 2013 , 21, 22799-807	3.3	74
24	Fiber optic hydrogen sensors with sol-gel WO ₃ coatings. <i>Sensors and Actuators B: Chemical</i> , 2012 , 166-167, 632-636	8.5	48
23	Review on optical fiber sensors with sensitive thin films. <i>Photonic Sensors</i> , 2012 , 2, 14-28	2.3	32
22	Greatly etched fiber Bragg grating hydrogen sensor with Pd/Ni composite film as sensing material. <i>Sensors and Actuators B: Chemical</i> , 2012 , 174, 253-257	8.5	61
21	Fiber In-Line Michelson Interferometer Tip Sensor Fabricated by Femtosecond Laser. <i>IEEE Photonics Technology Letters</i> , 2012 , 24, 2060-2063	2.2	30
20	Side-polished fiber Bragg grating hydrogen sensor with different sensitive thin films 2012 ,		1
19	Femtosecond laser fabricated micro Mach-Zehnder interferometer with Pd film as sensing materials for hydrogen sensing. <i>Optics Letters</i> , 2012 , 37, 1940-2	3	35
18	Optical fiber hydrogen sensor based on micro interferometer 2012 ,		1
17	Comparison of side-polished fiber Bragg grating hydrogen sensors sputtered with Pd/Ag and Pd/Y composite films 2012 ,		1
16	Corrosion of Fe-C coated FBG sensor and rebars: a comparative study 2012 ,		2
15	Hydrogen Performance of Side-Polished Fiber Bragg Grating Sputtered with Pd/Ag Composite Film. <i>Sensor Letters</i> , 2012 , 10, 1434-1437	0.9	4
14	Fe ₃ O ₄ -coated fibre Bragg grating sensor for steel corrosion monitoring. <i>Corrosion Science</i> , 2011 , 53, 1933-1938	1.3	41

13	Side-polished fiber Bragg grating hydrogen sensor with WO ₃ -Pd composite film as sensing materials. <i>Optics Express</i> , 2011 , 19, 6141-8	3.3	69
12	Porous silicon-based optical fiber Fabry-Perot sensor for relative humidity determination 2011 ,		1
11	Magnetic field sensor based on magnetic fluid clad etched fiber Bragg grating. <i>Optical Fiber Technology</i> , 2011 , 17, 210-213	2.4	114
10	Hydrogen sensor based on side-polished fiber Bragg gratings coated with thin palladium film 2011 ,		4
9	Thin film-based optical fiber sensors 2010 ,		1
8	Side-polished fiber Bragg grating refractive index sensor with TbFeCo magneto-optic thin film. <i>Journal of Applied Physics</i> , 2010 , 108, 033102	2.5	13
7	Hydrogen sensing performance comparison of Pd layer and Pd/WO ₃ composite thin film coated on side-polished single- and multimode fibers. <i>Sensors and Actuators B: Chemical</i> , 2010 , 149, 161-164	8.5	55
6	Using Pd/WO ₃ composite thin films as sensing materials for optical fiber hydrogen sensors. <i>Sensors and Actuators B: Chemical</i> , 2010 , 143, 750-753	8.5	52
5	Optical fiber sensors based on Fabry-Perot multilayer coatings. <i>Chinese Optics Letters</i> , 2010 , 8, 189-191	2.2	4
4	Optical fiber magnetic field sensors with TbDyFe magnetostrictive thin films as sensing materials. <i>Optics Express</i> , 2009 , 17, 20777-82	3.3	113
3	Optical Fibre Magnetic Field/Current Sensors with TbDyFe-FeNi Multilayer as Sensing Materials. <i>Sensor Letters</i> , 2009 , 7, 576-579	0.9	2
2	Broadband-reflecting optical thin films for the far ultraviolet spectral range. <i>Thin Solid Films</i> , 2008 , 517, 878-880	2.2	1
1	Comparison of different strategies to realize highly reflective thin film coatings at 1064nm. <i>Infrared Physics and Technology</i> , 2008 , 51, 572-575	2.7	4