Kun Liu

List of Publications by Year
in descending order

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150	2,906	186265	233421
papers	citations	28 h-index	45 g-index

159	159	159	1813
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical fiber magnetic field sensor based on single-modeâ€“multimodeâ€“single-mode structure and magnetic fluid. Optics Letters, 2013, 38, 3999.	3.3	229
2	Distributed Optical Fiber Sensors Based on Optical Frequency Domain Reflectometry: A review. Sensors, 2018, 18, 1072.	3.8	192
3	Underwater image recovery considering polarization effects of objects. Optics Express, 2016, 24, 9826.	3.4	128
4	Polarimetric image recovery method combining histogram stretching for underwater imaging. Scientific Reports, 2018, 8, 12430.	3.3	70
5	Long-Range Distributed Fiber Vibration Sensor Using an Asymmetric Dual Machâ€“Zehnder Interferometers. Journal of Lightwave Technology, 2016, 34, 2235-2239.	4.6	63
6	Underwater Image Recovery Under the Nonuniform Optical Field Based on Polarimetric Imaging. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	60
7	Polarimetric image recovery in turbid media employing circularly polarized light. Optics Express, 2018, 26, 25047.	3.4	60
8	Batch-Producible Fiber-Optic Fabryâ€“PÃ©rot Sensor for Simultaneous Pressure and Temperature Sensing. IEEE Photonics Technology Letters, 2014, 26, 2070-2073.	2.5	55
9	An Elimination Method of Polarization-Induced Phase Shift and Fading in Dual Machâ€“Zehnder Interferometry Disturbance Sensing System. Journal of Lightwave Technology, 2013, 31, 3135-3141.	4.6	50
10	A High-Efficiency Multiple Events Discrimination Method in Optical Fiber Perimeter Security System. Journal of Lightwave Technology, 2015, 33, 4885-4890.	4.6	50
11	Fiber Optic Fabry-Perot Pressure Sensor With Embedded MEMS Micro-Cavity for Ultra-High Pressure Detection. Journal of Lightwave Technology, 2019, 37, 2719-2725.	4.6	47
12	Complete Characterization of Polarization-Maintaining Fibers Using Distributed Polarization Analysis. Journal of Lightwave Technology, 2015, 33, 372-380.	4.6	46
13	Self-temperature-compensative refractometer based on singlemodeâ€“multimodeâ€“singlemode fiber structure. Sensors and Actuators B: Chemical, 2015, 212, 107-111.	7.8	45
14	Differential-pressure-based fiber-optic temperature sensor using Fabryâ€“Perot interferometry. Optics Letters, 2015, 40, 1049.	3.3	45
15	An Improved Positioning Algorithm With High Precision for Dual Machâ€“Zehnder Interferometry Disturbance Sensing System. Journal of Lightwave Technology, 2015, 33, 1954-1960.	4.6	44
16	Distributed refractive index sensing based on tapered fibers in optical frequency domain reflectometry. Optics Express, 2018, 26, 13042.	3.4	44
17	A polarized low-coherence interferometry demodulation algorithm by recovering the absolute phase of a selected monochromatic frequency. Optics Express, 2012, 20, 18117.	3.4	39
18	Probabilistic Event Discrimination Algorithm for Fiber Optic Perimeter Security Systems. Journal of Lightwave Technology, 2018, 36, 2069-2075.	4.6	38

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19	All-silicon dual-cavity fiber-optic pressure sensor with ultralow pressure-temperature cross-sensitivity and wide working temperature range. Photonics Research, 2021, 9, 521.	7.0	38
20	Performance improvement approaches for optical fiber SPR sensors and their sensing applications. Photonics Research, 2022, 10, 126.	7.0	38
21	Fiber loop ring-down cavity integrated U-bent single-mode-fiber for magnetic field sensing. Photonics Research, 2016, 4, 322.	7.0	37
22	Liquid crystal-amplified optofluidic biosensor for ultra-highly sensitive and stable protein assay. PhotoniX, 2021, 2, 18.	13.5	35
23	Enhancing Visibility of Polarimetric Underwater Image by Transmittance Correction. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	33
24	MoSe₂-Au Based Sensitivity Enhanced Optical Fiber Surface Plasmon Resonance Biosensor for Detection of Goat-Anti-Rabbit IgG. IEEE Access, 2020, 8, 660-668.	4.2	33
25	High-accuracy hybrid fiber-optic Fabry-PÃ©rot sensor based on MEMS for simultaneous gas refractive-index and temperature sensing. Optics Express, 2019, 27, 4204.	3.4	33
26	High Sensitivity Distributed Static Strain Sensing Based on Differential Relative Phase in Optical Frequency Domain Reflectometry. Journal of Lightwave Technology, 2020, 38, 5825-5836.	4.6	32
27	Noncontact Ultrasonic Detection in Low-Pressure Carbon Dioxide Medium Using High Sensitivity Fiber-Optic Fabryâ€“Perot Sensor System. Journal of Lightwave Technology, 2017, 35, 5079-5085.	4.6	31
28	Distributed Strain and Temperature Discrimination Using Two Types of Fiber in OFDR. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	29
29	An Event Recognition Scheme Aiming to Improve Both Accuracy and Efficiency in Optical Fiber Perimeter Security System. Journal of Lightwave Technology, 2020, 38, 5783-5790.	4.6	29
30	High accuracy polarization measurements using binary polarization rotators. Optics Express, 2010, 18, 6667.	3.4	28
31	A Continuous Wavelet Transform Based Time Delay Estimation Method for Long Range Fiber Interferometric Vibration Sensor. Journal of Lightwave Technology, 2016, 34, 3785-3789.	4.6	28
32	Optimization of instrument matrix for Mueller matrix ellipsometry based on partial elements analysis of the Mueller matrix. Optics Express, 2017, 25, 18872.	3.4	27
33	Phase demodulation method based on a dual-identical-chirped-pulse and weak fiber Bragg gratings for quasi-distributed acoustic sensing. Photonics Research, 2020, 8, 1093.	7.0	27
34	Optimal distribution of integration time for intensity measurements in Stokes polarimetry. Optics Express, 2015, 23, 27690.	3.4	24
35	Polarimetric target detection under uneven illumination. Optics Express, 2015, 23, 23603.	3.4	24
36	Polarimetric Imaging Through Scattering Media: A Review. Frontiers in Physics, 2022, 10, .	2.1	24

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37	Zero-fringe demodulation method based on location-dependent birefringence dispersion in polarized low-coherence interferometry. Optics Letters, 2014, 39, 1827.	3.3	23
38	High Sensitivity Fiber Optic SPR Refractive Index Sensor Based on Multimode-No-Core-Multimode Structure. IEEE Sensors Journal, 2020, 20, 2967-2975.	4.7	23
39	A Quantitative Robustness Evaluation Model for Optical Fiber Sensor Networks. Journal of Lightwave Technology, 2013, 31, 1240-1246.	4.6	22
40	Configurable Filter-Based Endpoint Detection in DMZI Vibration System. IEEE Photonics Technology Letters, 2014, 26, 1956-1959.	2.5	22
41	Theoretical modeling of a coupled plasmon waveguide resonance sensor based on multimode optical fiber. Optics Communications, 2018, 410, 552-558.	2.1	21
42	Self-Filtering High-Resolution Dual-Sapphire-Fiber-Based High-Temperature Sensor. Journal of Lightwave Technology, 2019, 37, 1408-1414.	4.6	21
43	High-Resolution Temperature Sensor Based on Intracavity Sensing of Fiber Ring Laser. Journal of Lightwave Technology, 2020, 38, 2010-2014.	4.6	21
44	Automatic underwater polarization imaging without background region or any prior. Optics Express, 2021, 29, 31283.	3.4	21
45	Flywheel-like diaphragm-based fiber-optic Fabryâ€“Perot frequency tailored acoustic sensor. Journal Physics D: Applied Physics, 2020, 53, 415102.	2.8	20
46	Magnetic Field Sensing Based on a Ferrofluid-Coated Multimode Interferometer in a Fiber-Loop Ring-Down Cavity. IEEE Sensors Journal, 2018, 18, 3206-3210.	4.7	19
47	Birefringence dispersion compensation demodulation algorithm for polarized low-coherence interferometry. Optics Letters, 2013, 38, 3169.	3.3	18
48	A Self-Healing Passive Fiber Bragg Grating Sensor Network. Journal of Lightwave Technology, 2015, 33, 2062-2067.	4.6	18
49	An Improved Positioning Algorithm in a Long-Range Asymmetric Perimeter Security System. Journal of Lightwave Technology, 2016, 34, 5278-5283.	4.6	18
50	Self-marked HCN gas based FBG demodulation in thermal cycling process for aerospace environment. Optics Express, 2018, 26, 22944.	3.4	18
51	Distributed fiber optic vibration sensing with wide dynamic range, high frequency response, and multi-points accurate location. Optics and Laser Technology, 2020, 124, 105966.	4.6	18
52	Hybrid Feature Extraction-Based Intrusion Discrimination in Optical Fiber Perimeter Security System. IEEE Photonics Journal, 2017, 9, 1-12.	2.0	17
53	Ultrasensitive Label-Free Biosensor Based on the Graphene-Oxide-Coated-U-Bent Long-Period Fiber Grating Inscribed in a Two-Mode Fiber. Journal of Lightwave Technology, 2021, 39, 4013-4019.	4.6	16
54	Underwater imaging enhancement based on a polarization filter and histogram attenuation prior. Journal Physics D: Applied Physics, 2021, 54, 175102.	2.8	16

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55	Theory of autocalibration feasibility and precision in full Stokes polarization imagers. Optics Express, 2020, 28, 15268.	3.4	16
56	A Simple and Effective Demodulation Method for Polarized Low-Coherence Interferometry. IEEE Photonics Technology Letters, 2012, 24, 1390-1392.	2.5	15
57	Optical Current Sensor With Dual-Wavelength Configuration for Improving Temperature Robustness. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	15
58	Fiber optical temperature compensated anemometer based on dual Fabry-Perot sensors with sealed cavity. Optics Express, 2019, 27, 18157.	3.4	15
59	Waveguide-integrated graphene spatial mode filters for on-chip mode-division multiplexing. Optics Express, 2019, 27, 19188.	3.4	15
60	Optical fiber laser refractometer based on an open microcavity Mach-Zehnder interferometer with an ultra-low detection limit. Optics Express, 2020, 28, 30570.	3.4	15
61	A Compact Fiber Optic Fabryâ€“Perot Sensor for Simultaneous Measurement of Acoustic and Temperature. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	14
62	Distributed single fiber optic vibration sensing with high frequency response and multi-points accurate location. Optics and Lasers in Engineering, 2020, 129, 106060.	3.8	14
63	Hybrid Sapphire Dual-Fabryâ€”Perot-Cavities Sensor for High Temperature and Refractive Index Measurement. Journal of Lightwave Technology, 2021, 39, 3911-3918.	4.6	14
64	Review of Fiber Mechanical and Thermal Multi-Parameter Measurement Technologies and Instrumentation. Journal of Lightwave Technology, 2021, 39, 3724-3739.	4.6	14
65	Multi-layer optical fiber surface plasmon resonance biosensor based on a sandwich structure of polydopamine-MoSe₂@Au nanoparticles-polydopamine. Biomedical Optics Express, 2020, 11, 6840.	2.9	14
66	Adaptive Speckle Reduction in OCT Volume Data Based on Block-Matching and 3-D Filtering. IEEE Photonics Technology Letters, 2012, 24, 1802-1804.	2.5	13
67	Temperature Insensitive and Integrated Differential Pressure Sensor for Liquid Level Sensing Based on an Optical Fiber Fabryâ€“Perot Interferometer. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	13
68	Optical fiber Fabryâ€“Perot interferometer based on phase-shifting technique and birefringence crystals. Optics Express, 2018, 26, 21606.	3.4	13
69	Variational Mode Decomposition-Based Event Recognition in Perimeter Security Monitoring With Fiber Optic Vibration Sensor. IEEE Access, 2019, 7, 182580-182587.	4.2	13
70	Refractive Index Sensor Based on Graphene Oxide-Coated Long-Period Fiber Grating Inscribed in a Two-Mode Fiber. IEEE Access, 2020, 8, 109028-109037.	4.2	13
71	Optical Fiber Distributed Vibration Sensing Using Grayscale Image and Multi-Class Deep Learning Framework for Multi-Event Recognition. IEEE Sensors Journal, 2021, 21, 19112-19120.	4.7	13
72	Wall-thickness-controlled microbubble fabrication for WGM-based application. Applied Optics, 2020, 59, 5052.	1.8	13

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73	Temperature Compensation of Optical Fiber Current Sensors With a Static Bias. IEEE Sensors Journal, 2022, 22, 352-356.	4.7	13
74	High-Efficiency Endpoint Detection in Optical Fiber Perimeter Security. Journal of Lightwave Technology, 2016, 34, 5049-5055.	4.6	12
75	An EMD-Based Filtering Algorithm for the Fiber-Optic SPR Sensor. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	12
76	Non-destructive residual pressure self-measurement method for the sensing chip of optical Fabry-Perot pressure sensor. Optics Express, 2017, 25, 31937.	3.4	12
77	High Accuracy and Real-Time Positioning Using MODWT for Long Range Asymmetric Interferometer Vibration Sensors. Journal of Lightwave Technology, 2021, 39, 2205-2214.	4.6	12
78	Graphene-based dual-mode modulators. Optics Express, 2020, 28, 18456.	3.4	12
79	Event Discrimination of Fiber Disturbance Based on Filter Bank in DMZI Sensing System. IEEE Photonics Journal, 2016, 8, 1-14.	2.0	11
80	Pseudo-polarimetric Method for Dense Haze Removal. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	11
81	All optic-fiber coupled plasmon waveguide resonance sensor using ZrS₂ based dielectric layer. Optics Express, 2020, 28, 11280.	3.4	11
82	Method of damage location determination based on a neural network using a single fiber Bragg grating sensor. Applied Optics, 2019, 58, 7251.	1.8	11
83	An Improved Polarization Compensation Method for Interferometric Fiber-Optic Intrusion Sensors. IEEE Photonics Technology Letters, 2017, 29, 834-837.	2.5	10
84	Frequency Demodulation of Dynamic Stress Based on Distributed Polarization Coupling System. Journal of Lightwave Technology, 2018, 36, 2094-2099.	4.6	10
85	A FBG-OCT Catheter to Reconstruct Vascular Shape in Intravascular Optical Coherence Tomography. IEEE Photonics Technology Letters, 2019, 31, 701-704.	2.5	10
86	A Novel Machâ€“Zehnder Interferometric Temperature Sensor Based on a Symmetrical Double-Grooved Structure. IEEE Sensors Journal, 2020, 20, 14850-14856.	4.7	10
87	Orthogonal Phase Demodulation of Optical Fiber Fabry-Perot Interferometer Based on Birefringent Crystals and Polarization Technology. IEEE Photonics Journal, 2020, 12, 1-9.	2.0	10
88	Demonstration of Large Curvature Radius Shape Sensing Using Optical Frequency Domain Reflectometry in Multi-Core Fibers. IEEE Photonics Journal, 2021, 13, 1-9.	2.0	10
89	Multimode interferometer-based torsion sensor employing perfluorinated polymer optical fiber. Optics Express, 2019, 27, 28123.	3.4	10
90	Physics-informed neural network for polarimetric underwater imaging. Optics Express, 2022, 30, 22512.	3.4	10

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91	High-sensitive and disposable myocardial infarction biomarker immunosensor with optofluidic microtubule lasing. Nanophotonics, 2022, 11, 3351-3364.	6.0	10
92	Birefringence-Dispersion-Induced Frequency Domain Nonlinearity Compensation for Polarized Low-Coherence Interferometry Demodulation. Journal of Lightwave Technology, 2015, 33, 4842-4848.	4.6	9
93	Polarized low-coherence interferometer based on a matrix CCD and birefringence crystal with a two-dimensional angle. Optics Express, 2017, 25, 15977.	3.4	9
94	An S-transform-Based Positioning Method for Asymmetric Interferometer Disturbance Sensors. Journal of Lightwave Technology, 2019, 37, 3201-3207.	4.6	9
95	A fast positioning algorithm for the asymmetric dual Machâ€“Zehnder interferometric infrared fiber vibration sensor. Infrared Physics and Technology, 2017, 85, 359-363.	2.9	8
96	Demonstration of Compact In situ Mueller-Matrix Polarimetry Based on Binary Polarization Rotators. IEEE Access, 2019, 7, 144561-144571.	4.2	8
97	Catheter-Based Polarization Sensitive Optical Coherence Tomography Using Similar Mueller Matrix Method. IEEE Transactions on Biomedical Engineering, 2020, 67, 60-68.	4.2	8
98	Underwater Imaging by Suppressing the Backscattered Light Based on Mueller Matrix. IEEE Photonics Journal, 2021, 13, 1-6.	2.0	8
99	Real-Time Pressure Measurement Method Based on Rapid Phase Demodulation of Multi-Cavities F-P Sensor. IEEE Sensors Journal, 2021, 21, 26624-26630.	4.7	8
100	Multispectral Stokes Imaging Polarimetry Based on Color CCD. IEEE Photonics Journal, 2016, 8, 1-10.	2.0	7
101	An Optical Fiber-Based Data-Driven Method for Human Skin Temperature 3-D Mapping. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1141-1150.	6.3	7
102	Long-Sensing-Length Strain Sensor Based on Optical Fiber Fabry-Perot Interferometer With HCF-SMF Structure. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	7
103	Dual-Frequency CARS Excitation Source With Two Independent-Tunable Stokes Wavelengths Using PM-PCF and Vector Adjustment. Journal of Lightwave Technology, 2020, 38, 2392-2399.	4.6	7
104	Dynamic Phase Extraction in an Ameliorated Distributed Vibration Sensor Using a Highly Stable Homodyne Detection. IEEE Sensors Journal, 2021, 21, 27005-27014.	4.7	7
105	An Approach for Increasing User Capacity of OCDMA System Based on Vernier Effect. Journal of Lightwave Technology, 2016, 34, 4877-4883.	4.6	6
106	High-consistency fiber-optic Fabryâ€“Perot sensor based on MEMS for simultaneous temperature and liquid refractive index measurement. Applied Optics, 2020, 59, 9353.	1.8	6
107	Rapid and wide-range pressure measurement at high-temperature using an intensity-compensation interrogation method. Optics and Lasers in Engineering, 2022, 157, 107116.	3.8	6
108	Deployment Optimization for One-Dimensional Optical Fiber Sensor Networks. Journal of Lightwave Technology, 2015, 33, 2997-3004.	4.6	5

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109	Double-Antibody Sandwich Immunoassay and Plasmonic Coupling Synergistically Improved Long-Range SPR Biosensor with Low Detection Limit. Nanomaterials, 2021, 11, 2137.	4.1	5
110	GPU-Based Real-Time Distributed Dynamic Strain Sensing in Optical Frequency Domain Reflectometry. IEEE Sensors Journal, 2021, 21, 24166-24176.	4.7	5
111	A Fiber-Optic Accelerometer Based on Extrinsic Fabry-Perot Interference for Low Frequency Micro-Vibration Measurement. IEEE Photonics Journal, 2022, 14, 1-6.	2.0	5
112	Chaotic ultraâ€wideband over fiber link based on optical feedback laser diode. Microwave and Optical Technology Letters, 2013, 55, 1504-1507.	1.4	4
113	Colorimetric discrimination for Stokes polarimetric imaging. Optics Express, 2017, 25, 3765.	3.4	4
114	An Improved Optical Fiber Remote Sensing Method Based on Polarized Low-Coherence Interferometry. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	4
115	Femtosecond Pulse Temporal Overlap Estimation and Adjustment in SSFS-Based CARS System. IEEE Access, 2019, 7, 131317-131325.	4.2	4
116	High-Sensitivity Temperature Sensor Based on Microsphere Cavity in Super Larger Thermo-Optic Coefficient Germanium-core Fiber. IEEE Access, 2019, 7, 182658-182663.	4.2	4
117	Highly Sensitive Temperature Sensor Based on Hollow Microsphere for Ocean Application. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	4
118	Theoretical and Experimental Investigation of an All-Fiber Waveguide Coupled Surface Plasmon Resonance Sensor With Auâ€“ZnOâ€“Au Sandwich Structure. IEEE Access, 2019, 7, 169961-169968.	4.2	4
119	GPU-based fast processing for a distributed acoustic sensor using an LFM pulse. Applied Optics, 2020, 59, 11098.	1.8	4
120	Reflective SFT-FBG Hybrid Micro-Probe for Simultaneous Measurement of Relative Humidity and Temperature. IEEE Photonics Journal, 2022, 14, 1-6.	2.0	4
121	Real-Time Self-Calibrating Phase-Shifted Demodulation Method Based on Polarized Low-Coherence Interference for Optical Fiber Acoustic Sensor. IEEE Sensors Journal, 2022, 22, 8537-8543.	4.7	4
122	Design of a Graphene-Enabled Dual-Mode Kerr Frequency Comb. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-7.	2.9	4
123	Simultaneous Measurement of Pressure and Temperature Based on Adjustable Line Scanning Polarized Low-Coherence Interferometry With Compensation Plate. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	3
124	Fringe-Distortion-Correction for Polarized Low-Coherence Interferometry With Phosphor-Based LED. Journal of Lightwave Technology, 2019, 37, 3557-3562.	4.6	3
125	Compact Vectorial Transverse Force Sensor Based on Two-Modal Interference in a Few-Mode Seven-Core Fiber. Journal of Lightwave Technology, 2020, 38, 2046-2052.	4.6	3
126	The Correction of Nonlinearity in Wavelength Scanning Based on Long-OPD Interferometer for Fiber Bragg Grating Demodulation in Environment With Variable Temperature. IEEE Photonics Journal, 2020, 12, 1-10.	2.0	3

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127	Data augmentation of optical time series signals for small samples. Applied Optics, 2020, 59, 8848.	1.8	3
128	Is Ge an Excellent Material for Mid-IR Kerr Frequency Combs Around 3-Î¼m Wavelengths?. Journal of Lightwave Technology, 2022, 40, 2097-2103.	4.6	3
129	Ultrahighâ€Resolution Optical Fiber Thermometer Based on Microcavity Optoâ€Mechanical Oscillation. Advanced Photonics Research, 2022, 3, .	3.6	3
130	Simultaneous Detection of Mixed Gases Based on Overlapped Spectra Separation With SLIDT. IEEE Photonics Technology Letters, 2015, 27, 794-797.	2.5	2
131	Evaluation Parameter for Self-Healing FBG Sensor Networks After Multiple Fiber Failures. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	2
132	Experimental and analytical investigation of LP01-LP11 mode interference. Optical Fiber Technology, 2018, 46, 258-264.	2.7	2
133	Joint Noise Reduction for Contrast Enhancement in Stokes Polarimetric Imaging. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	2
134	Dual-Mode GVD Tailoring in a Convex Waveguide. IEEE Photonics Journal, 2020, 12, 1-6.	2.0	2
135	Composite wavelength tuning for precision Raman resonance in soliton self-frequency shift-based coherent anti-Stokes Raman scattering. Applied Physics Express, 2020, 13, 092002.	2.4	2
136	Cryogen adaptive and integrated differential pressure sensor for level sensing based on an optical Fabryâ€“Perot interferometer. Applied Optics, 2020, 59, 2457.	1.8	2
137	Virtual-block-array phase analysis for distributed acoustic sensors with a high signal-to-noise ratio reconstruction waveform. Optics Express, 2020, 28, 24577.	3.4	2
138	Analysis and reduction of noise-induced depolarization in catheter based polarization sensitive optical coherence tomography. Optics Express, 2022, 30, 11130.	3.4	2
139	Prefab Hollow Glass Microsphere-Based Immunosensor with Liquid Crystal Sensitization for Acute Myocardial Infarction Biomarker Detection. Biosensors, 2022, 12, 439.	4.7	2
140	Two-dimensional distributed strain sensing with an Archimedean spiral arrangement in optical frequency domain reflectometry. Nami Jishu Yu Jingmi Gongcheng/Nanotechnology and Precision Engineering, 2018, 1, 187-190.	3.2	1
141	Weak Coupling Point Detection in Distributed Polarization Coupling Measurement Based on Variational Mode Decomposition. Journal of Lightwave Technology, 2020, , 1-1.	4.6	1
142	A Demodulation Method of Spatial Domain for Low-Coherence Interferometry With High Accuracy and Adaptability. IEEE Photonics Journal, 2020, 12, 1-11.	2.0	1
143	Mechanical Filter-Based Differential Pressure Fiber-Optic Fabry-Perot Infrasound Sensor. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	1
144	Comparison of similar Mueller and Jones matrix method in catheter based polarization sensitive optical coherence tomography. Optics and Laser Technology, 2022, 147, 107691.	4.6	1

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145	Environment-Robust Polarization-Based Phase-Shift Dynamic Demodulation Method for Optical Fiber Acoustic Sensor. IEEE Photonics Journal, 2022, 14, 1-8.	2.0	1
146	Monitoring optical fiber sensor networks by optical frequency-domain reflectometry. , 2012, , .		0
147	Investigation of gas detection based on fiber laser intracavity absorption spectroscopy. , 2015, , .		0
148	A novel magnetic fluid based all-fiber-optic vector magnetometer. , 2016, , .		0
149	Force sensing based on distributed polarization coupling in polarization-maintaining fiber using finite element method. Optical Fiber Technology, 2020, 58, 102290.	2.7	0
150	Complete self-calibration compact binary magneto-optic rotator based Mueller matrix polarimetry. Optics Express, 2021, 29, 30392.	3.4	0