

Kun Liu

List of Publications by Year in descending order

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150
papers

2,906
citations

186209

28
h-index

233338

45
g-index

159
all docs

159
docs citations

159
times ranked

1813
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical fiber magnetic field sensor based on single-modeâ€“multimodeâ€“single-mode structure and magnetic fluid. <i>Optics Letters</i> , 2013, 38, 3999.	1.7	229
2	Distributed Optical Fiber Sensors Based on Optical Frequency Domain Reflectometry: A review. <i>Sensors</i> , 2018, 18, 1072.	2.1	192
3	Underwater image recovery considering polarization effects of objects. <i>Optics Express</i> , 2016, 24, 9826.	1.7	128
4	Polarimetric image recovery method combining histogram stretching for underwater imaging. <i>Scientific Reports</i> , 2018, 8, 12430.	1.6	70
5	Long-Range Distributed Fiber Vibration Sensor Using an Asymmetric Dual Machâ€“Zehnder Interferometers. <i>Journal of Lightwave Technology</i> , 2016, 34, 2235-2239.	2.7	63
6	Underwater Image Recovery Under the Nonuniform Optical Field Based on Polarimetric Imaging. <i>IEEE Photonics Journal</i> , 2018, 10, 1-9.	1.0	60
7	Polarimetric image recovery in turbid media employing circularly polarized light. <i>Optics Express</i> , 2018, 26, 25047.	1.7	60
8	Batch-Produced Fiber-Optic Fabryâ€“Pérot Sensor for Simultaneous Pressure and Temperature Sensing. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 2070-2073.	1.3	55
9	An Elimination Method of Polarization-Induced Phase Shift and Fading in Dual Machâ€“Zehnder Interferometry Disturbance Sensing System. <i>Journal of Lightwave Technology</i> , 2013, 31, 3135-3141.	2.7	50
10	A High-Efficiency Multiple Events Discrimination Method in Optical Fiber Perimeter Security System. <i>Journal of Lightwave Technology</i> , 2015, 33, 4885-4890.	2.7	50
11	Fiber Optic Fabry-Perot Pressure Sensor With Embedded MEMS Micro-Cavity for Ultra-High Pressure Detection. <i>Journal of Lightwave Technology</i> , 2019, 37, 2719-2725.	2.7	47
12	Complete Characterization of Polarization-Maintaining Fibers Using Distributed Polarization Analysis. <i>Journal of Lightwave Technology</i> , 2015, 33, 372-380.	2.7	46
13	Self-temperature-compensative refractometer based on singlemodeâ€“multimodeâ€“singlemode fiber structure. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 107-111.	4.0	45
14	Differential-pressure-based fiber-optic temperature sensor using Fabryâ€“Perot interferometry. <i>Optics Letters</i> , 2015, 40, 1049.	1.7	45
15	An Improved Positioning Algorithm With High Precision for Dual Machâ€“Zehnder Interferometry Disturbance Sensing System. <i>Journal of Lightwave Technology</i> , 2015, 33, 1954-1960.	2.7	44
16	Distributed refractive index sensing based on tapered fibers in optical frequency domain reflectometry. <i>Optics Express</i> , 2018, 26, 13042.	1.7	44
17	A polarized low-coherence interferometry demodulation algorithm by recovering the absolute phase of a selected monochromatic frequency. <i>Optics Express</i> , 2012, 20, 18117.	1.7	39
18	Probabilistic Event Discrimination Algorithm for Fiber Optic Perimeter Security Systems. <i>Journal of Lightwave Technology</i> , 2018, 36, 2069-2075.	2.7	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. <i>Photonics Research</i> , 2021, 9, 521.	3.4	38
20	Performance improvement approaches for optical fiber SPR sensors and their sensing applications. <i>Photonics Research</i> , 2022, 10, 126.	3.4	38
21	Fiber loop ring-down cavity integrated U-bent single-mode-fiber for magnetic field sensing. <i>Photonics Research</i> , 2016, 4, 322.	3.4	37
22	Liquid crystal-amplified optofluidic biosensor for ultra-highly sensitive and stable protein assay. <i>Photonix</i> , 2021, 2, 18.	5.5	35
23	Enhancing Visibility of Polarimetric Underwater Image by Transmittance Correction. <i>IEEE Photonics Journal</i> , 2017, 9, 1-10.	1.0	33
24	MoSe ₂ -Au Based Sensitivity Enhanced Optical Fiber Surface Plasmon Resonance Biosensor for Detection of Goat-Anti-Rabbit IgG. <i>IEEE Access</i> , 2020, 8, 660-668.	2.6	33
25	High-accuracy hybrid fiber-optic Fabry-Pérot sensor based on MEMS for simultaneous gas refractive-index and temperature sensing. <i>Optics Express</i> , 2019, 27, 4204.	1.7	33
26	High Sensitivity Distributed Static Strain Sensing Based on Differential Relative Phase in Optical Frequency Domain Reflectometry. <i>Journal of Lightwave Technology</i> , 2020, 38, 5825-5836.	2.7	32
27	Noncontact Ultrasonic Detection in Low-Pressure Carbon Dioxide Medium Using High Sensitivity Fiber-Optic Fabry-Pérot Sensor System. <i>Journal of Lightwave Technology</i> , 2017, 35, 5079-5085.	2.7	31
28	Distributed Strain and Temperature Discrimination Using Two Types of Fiber in OFDR. <i>IEEE Photonics Journal</i> , 2016, 8, 1-8.	1.0	29
29	An Event Recognition Scheme Aiming to Improve Both Accuracy and Efficiency in Optical Fiber Perimeter Security System. <i>Journal of Lightwave Technology</i> , 2020, 38, 5783-5790.	2.7	29
30	High accuracy polarization measurements using binary polarization rotators. <i>Optics Express</i> , 2010, 18, 6667.	1.7	28
31	A Continuous Wavelet Transform Based Time Delay Estimation Method for Long Range Fiber Interferometric Vibration Sensor. <i>Journal of Lightwave Technology</i> , 2016, 34, 3785-3789.	2.7	28
32	Optimization of instrument matrix for Mueller matrix ellipsometry based on partial elements analysis of the Mueller matrix. <i>Optics Express</i> , 2017, 25, 18872.	1.7	27
33	Phase demodulation method based on a dual-identical-chirped-pulse and weak fiber Bragg gratings for quasi-distributed acoustic sensing. <i>Photonics Research</i> , 2020, 8, 1093.	3.4	27
34	Optimal distribution of integration time for intensity measurements in Stokes polarimetry. <i>Optics Express</i> , 2015, 23, 27690.	1.7	24
35	Polarimetric target detection under uneven illumination. <i>Optics Express</i> , 2015, 23, 23603.	1.7	24
36	Polarimetric Imaging Through Scattering Media: A Review. <i>Frontiers in Physics</i> , 2022, 10, .	1.0	24

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37	Zero-fringe demodulation method based on location-dependent birefringence dispersion in polarized low-coherence interferometry. <i>Optics Letters</i> , 2014, 39, 1827.	1.7	23
38	High Sensitivity Fiber Optic SPR Refractive Index Sensor Based on Multimode-No-Core-Multimode Structure. <i>IEEE Sensors Journal</i> , 2020, 20, 2967-2975.	2.4	23
39	A Quantitative Robustness Evaluation Model for Optical Fiber Sensor Networks. <i>Journal of Lightwave Technology</i> , 2013, 31, 1240-1246.	2.7	22
40	Configurable Filter-Based Endpoint Detection in DMZI Vibration System. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1956-1959.	1.3	22
41	Theoretical modeling of a coupled plasmon waveguide resonance sensor based on multimode optical fiber. <i>Optics Communications</i> , 2018, 410, 552-558.	1.0	21
42	Self-Filtering High-Resolution Dual-Sapphire-Fiber-Based High-Temperature Sensor. <i>Journal of Lightwave Technology</i> , 2019, 37, 1408-1414.	2.7	21
43	High-Resolution Temperature Sensor Based on Intracavity Sensing of Fiber Ring Laser. <i>Journal of Lightwave Technology</i> , 2020, 38, 2010-2014.	2.7	21
44	Automatic underwater polarization imaging without background region or any prior. <i>Optics Express</i> , 2021, 29, 31283.	1.7	21
45	Flywheel-like diaphragm-based fiber-optic Fabry-Pérot frequency tailored acoustic sensor. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 415102.	1.3	20
46	Magnetic Field Sensing Based on a Ferrofluid-Coated Multimode Interferometer in a Fiber-Loop Ring-Down Cavity. <i>IEEE Sensors Journal</i> , 2018, 18, 3206-3210.	2.4	19
47	Birefringence dispersion compensation demodulation algorithm for polarized low-coherence interferometry. <i>Optics Letters</i> , 2013, 38, 3169.	1.7	18
48	A Self-Healing Passive Fiber Bragg Grating Sensor Network. <i>Journal of Lightwave Technology</i> , 2015, 33, 2062-2067.	2.7	18
49	An Improved Positioning Algorithm in a Long-Range Asymmetric Perimeter Security System. <i>Journal of Lightwave Technology</i> , 2016, 34, 5278-5283.	2.7	18
50	Self-marked HCN gas based FBG demodulation in thermal cycling process for aerospace environment. <i>Optics Express</i> , 2018, 26, 22944.	1.7	18
51	Distributed fiber optic vibration sensing with wide dynamic range, high frequency response, and multi-points accurate location. <i>Optics and Laser Technology</i> , 2020, 124, 105966.	2.2	18
52	Hybrid Feature Extraction-Based Intrusion Discrimination in Optical Fiber Perimeter Security System. <i>IEEE Photonics Journal</i> , 2017, 9, 1-12.	1.0	17
53	Ultrasensitive Label-Free Biosensor Based on the Graphene-Oxide-Coated-U-Bent Long-Period Fiber Grating Inscribed in a Two-Mode Fiber. <i>Journal of Lightwave Technology</i> , 2021, 39, 4013-4019.	2.7	16
54	Underwater imaging enhancement based on a polarization filter and histogram attenuation prior. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 175102.	1.3	16

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55	Theory of autocalibration feasibility and precision in full Stokes polarization imagers. Optics Express, 2020, 28, 15268.	1.7	16
56	A Simple and Effective Demodulation Method for Polarized Low-Coherence Interferometry. IEEE Photonics Technology Letters, 2012, 24, 1390-1392.	1.3	15
57	Optical Current Sensor With Dual-Wavelength Configuration for Improving Temperature Robustness. IEEE Photonics Journal, 2017, 9, 1-10.	1.0	15
58	Fiber optical temperature compensated anemometer based on dual Fabry-Perot sensors with sealed cavity. Optics Express, 2019, 27, 18157.	1.7	15
59	Waveguide-integrated graphene spatial mode filters for on-chip mode-division multiplexing. Optics Express, 2019, 27, 19188.	1.7	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.	1.7	15
61	A Compact Fiber Optic Fabry-Perot Sensor for Simultaneous Measurement of Acoustic and Temperature. IEEE Photonics Journal, 2019, 11, 1-10.	1.0	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.	2.0	14
63	Hybrid Sapphire Dual-Fabry-Perot-Cavities Sensor for High Temperature and Refractive Index Measurement. Journal of Lightwave Technology, 2021, 39, 3911-3918.	2.7	14
64	Review of Fiber Mechanical and Thermal Multi-Parameter Measurement Technologies and Instrumentation. Journal of Lightwave Technology, 2021, 39, 3724-3739.	2.7	14
65	Multi-layer optical fiber surface plasmon resonance biosensor based on a sandwich structure of polydopamine-MoSe ₂ @Au nanoparticles-polydopamine. Biomedical Optics Express, 2020, 11, 6840.	1.5	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.	1.3	13
67	Temperature Insensitive and Integrated Differential Pressure Sensor for Liquid Level Sensing Based on an Optical Fiber Fabry-Perot Interferometer. IEEE Photonics Journal, 2018, 10, 1-8.	1.0	13
68	Optical fiber Fabry-Perot interferometer based on phase-shifting technique and birefringence crystals. Optics Express, 2018, 26, 21606.	1.7	13
69	Variational Mode Decomposition-Based Event Recognition in Perimeter Security Monitoring With Fiber Optic Vibration Sensor. IEEE Access, 2019, 7, 182580-182587.	2.6	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.	2.6	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.	2.4	13
72	Wall-thickness-controlled microbubble fabrication for WGM-based application. Applied Optics, 2020, 59, 5052.	0.9	13

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73	Temperature Compensation of Optical Fiber Current Sensors With a Static Bias. IEEE Sensors Journal, 2022, 22, 352-356.	2.4	13
74	High-Efficiency Endpoint Detection in Optical Fiber Perimeter Security. Journal of Lightwave Technology, 2016, 34, 5049-5055.	2.7	12
75	An EMD-Based Filtering Algorithm for the Fiber-Optic SPR Sensor. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	12
76	Non-destructive residual pressure self-measurement method for the sensing chip of optical Fabry-Perot pressure sensor. Optics Express, 2017, 25, 31937.	1.7	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.	2.7	12
78	Graphene-based dual-mode modulators. Optics Express, 2020, 28, 18456.	1.7	12
79	Event Discrimination of Fiber Disturbance Based on Filter Bank in DMZI Sensing System. IEEE Photonics Journal, 2016, 8, 1-14.	1.0	11
80	Pseudo-polarimetric Method for Dense Haze Removal. IEEE Photonics Journal, 2019, 11, 1-11.	1.0	11
81	All optic-fiber coupled plasmon waveguide resonance sensor using ZrS ₂ based dielectric layer. Optics Express, 2020, 28, 11280.	1.7	11
82	Method of damage location determination based on a neural network using a single fiber Bragg grating sensor. Applied Optics, 2019, 58, 7251.	0.9	11
83	An Improved Polarization Compensation Method for Interferometric Fiber-Optic Intrusion Sensors. IEEE Photonics Technology Letters, 2017, 29, 834-837.	1.3	10
84	Frequency Demodulation of Dynamic Stress Based on Distributed Polarization Coupling System. Journal of Lightwave Technology, 2018, 36, 2094-2099.	2.7	10
85	A FBG-OCT Catheter to Reconstruct Vascular Shape in Intravascular Optical Coherence Tomography. IEEE Photonics Technology Letters, 2019, 31, 701-704.	1.3	10
86	A Novel Mach-Zehnder Interferometric Temperature Sensor Based on a Symmetrical Double-Grooved Structure. IEEE Sensors Journal, 2020, 20, 14850-14856.	2.4	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.	1.0	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.	1.0	10
89	Multimode interferometer-based torsion sensor employing perfluorinated polymer optical fiber. Optics Express, 2019, 27, 28123.	1.7	10
90	Physics-informed neural network for polarimetric underwater imaging. Optics Express, 2022, 30, 22512.	1.7	10

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91	High-sensitive and disposable myocardial infarction biomarker immunosensor with optofluidic microtubule lasing. <i>Nanophotonics</i> , 2022, 11, 3351-3364.	2.9	10
92	Birefringence-Dispersion-Induced Frequency Domain Nonlinearity Compensation for Polarized Low-Coherence Interferometry Demodulation. <i>Journal of Lightwave Technology</i> , 2015, 33, 4842-4848.	2.7	9
93	Polarized low-coherence interferometer based on a matrix CCD and birefringence crystal with a two-dimensional angle. <i>Optics Express</i> , 2017, 25, 15977.	1.7	9
94	An S-transform-Based Positioning Method for Asymmetric Interferometer Disturbance Sensors. <i>Journal of Lightwave Technology</i> , 2019, 37, 3201-3207.	2.7	9
95	A fast positioning algorithm for the asymmetric dual Mach-Zehnder interferometric infrared fiber vibration sensor. <i>Infrared Physics and Technology</i> , 2017, 85, 359-363.	1.3	8
96	Demonstration of Compact In situ Mueller-Matrix Polarimetry Based on Binary Polarization Rotators. <i>IEEE Access</i> , 2019, 7, 144561-144571.	2.6	8
97	Catheter-Based Polarization Sensitive Optical Coherence Tomography Using Similar Mueller Matrix Method. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 60-68.	2.5	8
98	Underwater Imaging by Suppressing the Backscattered Light Based on Mueller Matrix. <i>IEEE Photonics Journal</i> , 2021, 13, 1-6.	1.0	8
99	Real-Time Pressure Measurement Method Based on Rapid Phase Demodulation of Multi-Cavities F-P Sensor. <i>IEEE Sensors Journal</i> , 2021, 21, 26624-26630.	2.4	8
100	Multispectral Stokes Imaging Polarimetry Based on Color CCD. <i>IEEE Photonics Journal</i> , 2016, 8, 1-10.	1.0	7
101	An Optical Fiber-Based Data-Driven Method for Human Skin Temperature 3-D Mapping. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 1141-1150.	3.9	7
102	Long-Sensing-Length Strain Sensor Based on Optical Fiber Fabry-Perot Interferometer With HCF-SMF Structure. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	1.0	7
103	Dual-Frequency CARS Excitation Source With Two Independent-Tunable Stokes Wavelengths Using PM-PCF and Vector Adjustment. <i>Journal of Lightwave Technology</i> , 2020, 38, 2392-2399.	2.7	7
104	Dynamic Phase Extraction in an Ameliorated Distributed Vibration Sensor Using a Highly Stable Homodyne Detection. <i>IEEE Sensors Journal</i> , 2021, 21, 27005-27014.	2.4	7
105	An Approach for Increasing User Capacity of OCDMA System Based on Vernier Effect. <i>Journal of Lightwave Technology</i> , 2016, 34, 4877-4883.	2.7	6
106	High-consistency fiber-optic Fabry-Perot sensor based on MEMS for simultaneous temperature and liquid refractive index measurement. <i>Applied Optics</i> , 2020, 59, 9353.	0.9	6
107	Rapid and wide-range pressure measurement at high-temperature using an intensity-compensation interrogation method. <i>Optics and Lasers in Engineering</i> , 2022, 157, 107116.	2.0	6
108	Deployment Optimization for One-Dimensional Optical Fiber Sensor Networks. <i>Journal of Lightwave Technology</i> , 2015, 33, 2997-3004.	2.7	5

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109	Double-Antibody Sandwich Immunoassay and Plasmonic Coupling Synergistically Improved Long-Range SPR Biosensor with Low Detection Limit. <i>Nanomaterials</i> , 2021, 11, 2137.	1.9	5
110	GPU-Based Real-Time Distributed Dynamic Strain Sensing in Optical Frequency Domain Reflectometry. <i>IEEE Sensors Journal</i> , 2021, 21, 24166-24176.	2.4	5
111	A Fiber-Optic Accelerometer Based on Extrinsic Fabry-Perot Interference for Low Frequency Micro-Vibration Measurement. <i>IEEE Photonics Journal</i> , 2022, 14, 1-6.	1.0	5
112	Chaotic ultra-wideband over fiber link based on optical feedback laser diode. <i>Microwave and Optical Technology Letters</i> , 2013, 55, 1504-1507.	0.9	4
113	Colorimetric discrimination for Stokes polarimetric imaging. <i>Optics Express</i> , 2017, 25, 3765.	1.7	4
114	An Improved Optical Fiber Remote Sensing Method Based on Polarized Low-Coherence Interferometry. <i>IEEE Photonics Journal</i> , 2018, 10, 1-9.	1.0	4
115	Femtosecond Pulse Temporal Overlap Estimation and Adjustment in SSFS-Based CARS System. <i>IEEE Access</i> , 2019, 7, 131317-131325.	2.6	4
116	High-Sensitivity Temperature Sensor Based on Microsphere Cavity in Super Larger Thermo-Optic Coefficient Germanium-core Fiber. <i>IEEE Access</i> , 2019, 7, 182658-182663.	2.6	4
117	Highly Sensitive Temperature Sensor Based on Hollow Microsphere for Ocean Application. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	1.0	4
118	Theoretical and Experimental Investigation of an All-Fiber Waveguide Coupled Surface Plasmon Resonance Sensor With Au/ZnO/Au Sandwich Structure. <i>IEEE Access</i> , 2019, 7, 169961-169968.	2.6	4
119	GPU-based fast processing for a distributed acoustic sensor using an LFM pulse. <i>Applied Optics</i> , 2020, 59, 11098.	0.9	4
120	Reflective SFT-FBG Hybrid Micro-Probe for Simultaneous Measurement of Relative Humidity and Temperature. <i>IEEE Photonics Journal</i> , 2022, 14, 1-6.	1.0	4
121	Real-Time Self-Calibrating Phase-Shifted Demodulation Method Based on Polarized Low-Coherence Interference for Optical Fiber Acoustic Sensor. <i>IEEE Sensors Journal</i> , 2022, 22, 8537-8543.	2.4	4
122	Design of a Graphene-Enabled Dual-Mode Kerr Frequency Comb. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2022, 28, 1-7.	1.9	4
123	Simultaneous Measurement of Pressure and Temperature Based on Adjustable Line Scanning Polarized Low-Coherence Interferometry With Compensation Plate. <i>IEEE Photonics Journal</i> , 2018, 10, 1-9.	1.0	3
124	Fringe-Distortion-Correction for Polarized Low-Coherence Interferometry With Phosphor-Based LED. <i>Journal of Lightwave Technology</i> , 2019, 37, 3557-3562.	2.7	3
125	Compact Vectorial Transverse Force Sensor Based on Two-Modal Interference in a Few-Mode Seven-Core Fiber. <i>Journal of Lightwave Technology</i> , 2020, 38, 2046-2052.	2.7	3
126	The Correction of Nonlinearity in Wavelength Scanning Based on Long-OPD Interferometer for Fiber Bragg Grating Demodulation in Environment With Variable Temperature. <i>IEEE Photonics Journal</i> , 2020, 12, 1-10.	1.0	3

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127	Data augmentation of optical time series signals for small samples. <i>Applied Optics</i> , 2020, 59, 8848.	0.9	3
128	Is Ge an Excellent Material for Mid-IR Kerr Frequency Combs Around 3- μ m Wavelengths?. <i>Journal of Lightwave Technology</i> , 2022, 40, 2097-2103.	2.7	3
129	Ultrahigh-Resolution Optical Fiber Thermometer Based on Microcavity Opto-Mechanical Oscillation. <i>Advanced Photonics Research</i> , 2022, 3, .	1.7	3
130	Simultaneous Detection of Mixed Gases Based on Overlapped Spectra Separation With SLIDT. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 794-797.	1.3	2
131	Evaluation Parameter for Self-Healing FBG Sensor Networks After Multiple Fiber Failures. <i>IEEE Photonics Journal</i> , 2015, 7, 1-7.	1.0	2
132	Experimental and analytical investigation of LP01-LP11 mode interference. <i>Optical Fiber Technology</i> , 2018, 46, 258-264.	1.4	2
133	Joint Noise Reduction for Contrast Enhancement in Stokes Polarimetric Imaging. <i>IEEE Photonics Journal</i> , 2019, 11, 1-10.	1.0	2
134	Dual-Mode GVD Tailoring in a Convex Waveguide. <i>IEEE Photonics Journal</i> , 2020, 12, 1-6.	1.0	2
135	Composite wavelength tuning for precision Raman resonance in soliton self-frequency shift-based coherent anti-Stokes Raman scattering. <i>Applied Physics Express</i> , 2020, 13, 092002.	1.1	2
136	Cryogen adaptive and integrated differential pressure sensor for level sensing based on an optical Fabry-Perot interferometer. <i>Applied Optics</i> , 2020, 59, 2457.	0.9	2
137	Virtual-block-array phase analysis for distributed acoustic sensors with a high signal-to-noise ratio reconstruction waveform. <i>Optics Express</i> , 2020, 28, 24577.	1.7	2
138	Analysis and reduction of noise-induced depolarization in catheter based polarization sensitive optical coherence tomography. <i>Optics Express</i> , 2022, 30, 11130.	1.7	2
139	Prefab Hollow Glass Microsphere-Based Immunosensor with Liquid Crystal Sensitization for Acute Myocardial Infarction Biomarker Detection. <i>Biosensors</i> , 2022, 12, 439.	2.3	2
140	Two-dimensional distributed strain sensing with an Archimedean spiral arrangement in optical frequency domain reflectometry. <i>Nami Jishu Yu Jingmi Gongcheng/Nanotechnology and Precision Engineering</i> , 2018, 1, 187-190.	1.7	1
141	Weak Coupling Point Detection in Distributed Polarization Coupling Measurement Based on Variational Mode Decomposition. <i>Journal of Lightwave Technology</i> , 2020, , 1-1.	2.7	1
142	A Demodulation Method of Spatial Domain for Low-Coherence Interferometry With High Accuracy and Adaptability. <i>IEEE Photonics Journal</i> , 2020, 12, 1-11.	1.0	1
143	Mechanical Filter-Based Differential Pressure Fiber-Optic Fabry-Perot Infrasonic Sensor. <i>IEEE Photonics Journal</i> , 2021, 13, 1-10.	1.0	1
144	Comparison of similar Mueller and Jones matrix method in catheter based polarization sensitive optical coherence tomography. <i>Optics and Laser Technology</i> , 2022, 147, 107691.	2.2	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.	1.0	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.	1.4	0
150	Complete self-calibration compact binary magneto-optic rotator based Mueller matrix polarimetry. Optics Express, 2021, 29, 30392.	1.7	0