

# Kun Liu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8359141/kun-liu-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

148  
papers

1,651  
citations

21  
h-index

34  
g-index

159  
ext. papers

2,254  
ext. citations

3.2  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
148	Comparison of similar Mueller and Jones matrix method in catheter based polarization sensitive optical coherence tomography. <i>Optics and Laser Technology</i> , <b>2022</b> , 147, 107691	4.2	
147	Environment-Robust Polarization-Based Phase-Shift Dynamic Demodulation Method for Optical Fiber Acoustic Sensor. <i>IEEE Photonics Journal</i> , <b>2022</b> , 14, 1-8	1.8	0
146	Reflective SFT-FBG Hybrid Micro-Probe for Simultaneous Measurement of Relative Humidity and Temperature. <i>IEEE Photonics Journal</i> , <b>2022</b> , 14, 1-6	1.8	1
145	Distributed Vibration Sensing Based on Dual Mach-Zehnder Interferometer <b>2022</b> , 537-593		
144	Optical Fiber Sensors Based on the SMS Structure <b>2022</b> , 303-344		
143	Whisper-Gallery-Mode-Based Hollow Microcavity Optical Fiber Sensing Technology <b>2022</b> , 345-381		
142	Extrinsic Fabry-Pérot Interferometer-Based Optical Fiber Acoustic Sensing Technology <b>2022</b> , 137-168		
141	Extrinsic Fabry-Pérot Interferometer-Based Optical Fiber High-Temperature Sensing Technology <b>2022</b> , 169-205		
140	Distributed Sensing Based on Optical Frequency-Domain Reflectometry <b>2022</b> , 709-769		
139	Optical Fiber-Based Optical Coherence Tomography <b>2022</b> , 437-485		
138	Extrinsic Fabry-Pérot Interferometer-Based Optical Fiber Sensing Technology <b>2022</b> , 93-135		
137	Real-time self-calibrating phase-shifted demodulation method based on polarized low-coherence interference for optical fiber acoustic sensor. <i>IEEE Sensors Journal</i> , <b>2022</b> , 1-1	4	
136	Analysis and reduction of noise-induced depolarization in catheter based polarization sensitive optical coherence tomography.. <i>Optics Express</i> , <b>2022</b> , 30, 11130-11149	3.3	0
135	Design of a Graphene-Enabled Dual-Mode Kerr Frequency Comb. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2022</b> , 28, 1-7	3.8	0
134	Rapid and wide-range pressure measurement at high-temperature using an intensity-compensation interrogation method. <i>Optics and Lasers in Engineering</i> , <b>2022</b> , 157, 107116	4.6	0
133	Temperature Compensation of Optical Fiber Current Sensors With a Static Bias. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	3
132	Is Ge an excellent material for mid-IR Kerr frequency combs around 3 $\mu$ m wavelengths. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 1-1	4	1

131	Real-Time Pressure Measurement Method Based on Rapid Phase Demodulation of Multi-Cavities F-P Sensor. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	1
130	Dynamic Phase Extraction in An Ameliorated Distributed Vibration Sensor Using A Highly Stable Homodyne Detection. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	0
129	All-silicon dual-cavity fiber-optic pressure sensor with ultralow pressure-temperature cross-sensitivity and wide working temperature range. <i>Photonics Research</i> , <b>2021</b> , 9, 521	6	12
128	High Accuracy and Real-Time Positioning Using MODWT for Long Range Asymmetric Interferometer Vibration Sensors. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 2205-2214	4	3
127	Mechanical Filter-Based Differential Pressure Fiber-Optic Fabry-Perot Infrasound Sensor. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-10	1.8	0
126	Review of Fiber Mechanical and Thermal Multi-Parameter Measurement Technologies and Instrumentation. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 3724-3739	4	1
125	Hybrid Sapphire Dual-FabryPerot-Cavities Sensor for High Temperature and Refractive Index Measurement. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 3911-3918	4	5
124	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> , <b>2021</b> , 39, 4013-4019	4	3
123	Underwater imaging enhancement based on a polarization filter and histogram attenuation prior. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 175102	3	4
122	Demonstration of Large Curvature Radius Shape Sensing Using Optical Frequency Domain Reflectometry in Multi-Core Fibers. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-9	1.8	3
121	Underwater Imaging by Suppressing the Backscattered Light Based on Mueller Matrix. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-6	1.8	1
120	Liquid crystal-amplified optofluidic biosensor for ultra-highly sensitive and stable protein assay. <i>Photonix</i> , <b>2021</b> , 2, 18	19	4
119	Optical Fiber Distributed Vibration Sensing Using Grayscale Image and Multi-Class Deep Learning Framework for Multi-Event Recognition. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 19112-19120	4	3
118	Complete self-calibration compact binary magneto-optic rotator based Mueller matrix polarimetry. <i>Optics Express</i> , <b>2021</b> , 29, 30392-30408	3.3	
117	Automatic underwater polarization imaging without background region or any prior. <i>Optics Express</i> , <b>2021</b> , 29, 31283-31295	3.3	6
116	GPU-based Real-time Distributed Dynamic Strain Sensing in Optical Frequency Domain Reflectometry. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	1
115	Dual-Frequency CARS Excitation Source With Two Independent-Tunable Stokes Wavelengths Using PM-PCF and Vector Adjustment. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 2392-2399	4	5
114	Compact Vectorial Transverse Force Sensor Based on Two-Modal Interference in a Few-Mode Seven-Core Fiber. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 2046-2052	4	2

113	Distributed single fiber optic vibration sensing with high frequency response and multi-points accurate location. <i>Optics and Lasers in Engineering</i> , <b>2020</b> , 129, 106060	4.6	7
112	Refractive Index Sensor Based on Graphene Oxide-Coated Long-Period Fiber Grating Inscribed in a Two-Mode Fiber. <i>IEEE Access</i> , <b>2020</b> , 8, 109028-109037	3.5	6
111	Force sensing based on distributed polarization coupling in polarization-maintaining fiber using finite element method. <i>Optical Fiber Technology</i> , <b>2020</b> , 58, 102290	2.4	
110	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> , <b>2020</b> , 12, 1-10	1.8	0
109	Weak Coupling Point Detection in Distributed Polarization Coupling Measurement Based on Variational Mode Decomposition. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 1-1	4	
108	A Demodulation Method of Spatial Domain for Low-Coherence Interferometry With High Accuracy and Adaptability. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-11	1.8	1
107	Orthogonal Phase Demodulation of Optical Fiber Fabry-Perot Interferometer Based on Birefringent Crystals and Polarization Technology. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-9	1.8	7
106	Wall-thickness-controlled microbubble fabrication for WGM-based application. <i>Applied Optics</i> , <b>2020</b> , 59, 5052-5057	1.7	5
105	GPU-based fast processing for a distributed acoustic sensor using an LFM pulse. <i>Applied Optics</i> , <b>2020</b> , 59, 11098-11103	1.7	2
104	All optic-fiber coupled plasmon waveguide resonance sensor using ZrS based dielectric layer. <i>Optics Express</i> , <b>2020</b> , 28, 11280-11289	3.3	5
103	Theory of autocalibration feasibility and precision in full Stokes polarization imagers. <i>Optics Express</i> , <b>2020</b> , 28, 15268-15283	3.3	8
102	Graphene-based dual-mode modulators. <i>Optics Express</i> , <b>2020</b> , 28, 18456-18471	3.3	5
101	Optical fiber laser refractometer based on an open microcavity Mach-Zehnder interferometer with an ultra-low detection limit. <i>Optics Express</i> , <b>2020</b> , 28, 30570-30585	3.3	8
100	Phase demodulation method based on a dual-identical-chirped-pulse and weak fiber Bragg gratings for quasi-distributed acoustic sensing. <i>Photonics Research</i> , <b>2020</b> , 8, 1093	6	14
99	Multi-layer optical fiber surface plasmon resonance biosensor based on a sandwich structure of polydopamine-MoSe@Au nanoparticles-polydopamine. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 6840-6851	3.5	4
98	High-consistency fiber-optic Fabry-Perot sensor based on MEMS for simultaneous temperature and liquid refractive index measurement. <i>Applied Optics</i> , <b>2020</b> , 59, 9353-9358	0.2	1
97	Data augmentation of optical time series signals for small samples. <i>Applied Optics</i> , <b>2020</b> , 59, 8848-8855	1.7	0
96	Composite wavelength tuning for precision Raman resonance in soliton self-frequency shift-based coherent anti-Stokes Raman scattering. <i>Applied Physics Express</i> , <b>2020</b> , 13, 092002	2.4	2

95	Cryogen adaptive and integrated differential pressure sensor for level sensing based on an optical Fabry-Perot interferometer. <i>Applied Optics</i> , <b>2020</b> , 59, 2457-2461	1.7	1
94	Virtual-block-array phase analysis for distributed acoustic sensors with a high signal-to-noise ratio reconstruction waveform. <i>Optics Express</i> , <b>2020</b> , 28, 24577-24585	3.3	1
93	Flywheel-like diaphragm-based fiber-optic Fabry-Perot frequency tailored acoustic sensor. <i>Journal of Physics D: Applied Physics</i> , <b>2020</b> , 53, 415102	3	7
92	High-Resolution Temperature Sensor Based on Intracavity Sensing of Fiber Ring Laser. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 2010-2014	4	7
91	High Sensitivity Fiber Optic SPR Refractive Index Sensor Based on Multimode-No-Core-Multimode Structure. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 2967-2975	4	11
90	Distributed fiber optic vibration sensing with wide dynamic range, high frequency response, and multi-points accurate location. <i>Optics and Laser Technology</i> , <b>2020</b> , 124, 105966	4.2	5
89	MoSe <sub>2</sub> -Au Based Sensitivity Enhanced Optical Fiber Surface Plasmon Resonance Biosensor for Detection of Goat-Anti-Rabbit IgG. <i>IEEE Access</i> , <b>2020</b> , 8, 660-668	3.5	14
88	High Sensitivity Distributed Static Strain Sensing Based on Differential Relative Phase in Optical Frequency Domain Reflectometry. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 5825-5836	4	11
87	Dual-Mode GVD Tailoring in a Convex Waveguide. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-6	1.8	1
86	An Event Recognition Scheme Aiming to Improve Both Accuracy and Efficiency in Optical Fiber Perimeter Security System. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 5783-5790	4	4
85	A Novel Mach-Zehnder Interferometric Temperature Sensor Based on a Symmetrical Double-Grooved Structure. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 14850-14856	4	5
84	Catheter-Based Polarization Sensitive Optical Coherence Tomography Using Similar Mueller Matrix Method. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2020</b> , 67, 60-68	5	4
83	A FBG-OCT Catheter to Reconstruct Vascular Shape in Intravascular Optical Coherence Tomography. <i>IEEE Photonics Technology Letters</i> , <b>2019</b> , 31, 701-704	2.2	2
82	An S-transform-Based Positioning Method for Asymmetric Interferometer Disturbance Sensors. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 3201-3207	4	4
81	Joint Noise Reduction for Contrast Enhancement in Stokes Polarimetric Imaging. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-10	1.8	
80	Self-Filtering High-Resolution Dual-Sapphire-Fiber-Based High-Temperature Sensor. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 1408-1414	4	10
79	An Optical Fiber-Based Data-Driven Method for Human Skin Temperature 3-D Mapping. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2019</b> , 23, 1141-1150	7.2	4
78	Fringe-Distortion-Correction for Polarized Low-Coherence Interferometry With Phosphor-Based LED. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 3557-3562	4	1

77	Femtosecond Pulse Temporal Overlap Estimation and Adjustment in SSFS-Based CARS System. <i>IEEE Access</i> , <b>2019</b> , 7, 131317-131325	3.5	3
76	Demonstration of Compact In situ Mueller-Matrix Polarimetry Based on Binary Polarization Rotators. <i>IEEE Access</i> , <b>2019</b> , 7, 144561-144571	3.5	6
75	Long-Sensing-Length Strain Sensor Based on Optical Fiber Fabry-Perot Interferometer With HCF-SMF Structure. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-8	1.8	5
74	A Compact Fiber Optic Fabry-Perot Sensor for Simultaneous Measurement of Acoustic and Temperature. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-10	1.8	8
73	High-accuracy hybrid fiber-optic Fabry-Perot sensor based on MEMS for simultaneous gas refractive-index and temperature sensing. <i>Optics Express</i> , <b>2019</b> , 27, 4204-4215	3.3	20
72	Fiber optical temperature compensated anemometer based on dual Fabry-Perot sensors with sealed cavity. <i>Optics Express</i> , <b>2019</b> , 27, 18157-18168	3.3	7
71	Waveguide-integrated graphene spatial mode filters for on-chip mode-division multiplexing. <i>Optics Express</i> , <b>2019</b> , 27, 19188-19195	3.3	10
70	Multimode interferometer-based torsion sensor employing perfluorinated polymer optical fiber. <i>Optics Express</i> , <b>2019</b> , 27, 28123-28132	3.3	4
69	Method of damage location determination based on a neural network using a single fiber Bragg grating sensor. <i>Applied Optics</i> , <b>2019</b> , 58, 7251-7257	1.7	5
68	High-Sensitivity Temperature Sensor Based on Microsphere Cavity in Super Larger Thermo-Optic Coefficient Germanium-core Fiber. <i>IEEE Access</i> , <b>2019</b> , 7, 182658-182663	3.5	4
67	Variational Mode Decomposition-Based Event Recognition in Perimeter Security Monitoring With Fiber Optic Vibration Sensor. <i>IEEE Access</i> , <b>2019</b> , 7, 182580-182587	3.5	5
66	Highly Sensitive Temperature Sensor Based on Hollow Microsphere for Ocean Application. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-8	1.8	2
65	Theoretical and Experimental Investigation of an All-Fiber Waveguide Coupled Surface Plasmon Resonance Sensor With Au/ZnO/Au Sandwich Structure. <i>IEEE Access</i> , <b>2019</b> , 7, 169961-169968	3.5	1
64	Fiber Optic Fabry-Perot Pressure Sensor With Embedded MEMS Micro-Cavity for Ultra-High Pressure Detection. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 2719-2725	4	24
63	Pseudo-polarimetric Method for Dense Haze Removal. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-11	1.8	7
62	Underwater Image Recovery Under the Nonuniform Optical Field Based on Polarimetric Imaging. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-9	1.8	38
61	Probabilistic Event Discrimination Algorithm for Fiber Optic Perimeter Security Systems. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 2069-2075	4	22
60	An Improved Optical Fiber Remote Sensing Method Based on Polarized Low-Coherence Interferometry. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-9	1.8	3

59	Magnetic Field Sensing Based on a Ferrofluid-Coated Multimode Interferometer in a Fiber-Loop Ring-Down Cavity. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 3206-3210	4	12
58	Distributed refractive index sensing based on tapered fibers in optical frequency domain reflectometry. <i>Optics Express</i> , <b>2018</b> , 26, 13042-13054	3.3	21
57	Temperature Insensitive and Integrated Differential Pressure Sensor for Liquid Level Sensing Based on an Optical Fiber Fabry-Perot Interferometer. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-8	1.8	8
56	Distributed Optical Fiber Sensors Based on Optical Frequency Domain Reflectometry: A review. <i>Sensors</i> , <b>2018</b> , 18,	3.8	111
55	Frequency Demodulation of Dynamic Stress Based on Distributed Polarization Coupling System. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 2094-2099	4	9
54	Optical fiber Fabry-Perot interferometer based on phase-shifting technique and birefringence crystals. <i>Optics Express</i> , <b>2018</b> , 26, 21606-21614	3.3	12
53	Polarimetric image recovery method combining histogram stretching for underwater imaging. <i>Scientific Reports</i> , <b>2018</b> , 8, 12430	4.9	36
52	Theoretical modeling of a coupled plasmon waveguide resonance sensor based on multimode optical fiber. <i>Optics Communications</i> , <b>2018</b> , 410, 552-558	2	13
51	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> , <b>2018</b> , 1, 187-190	2.4	0
50	Experimental and analytical investigation of LP01-LP11 mode interference. <i>Optical Fiber Technology</i> , <b>2018</b> , 46, 258-264	2.4	1
49	Simultaneous Measurement of Pressure and Temperature Based on Adjustable Line Scanning Polarized Low-Coherence Interferometry With Compensation Plate. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-9	1.8	0
48	Polarimetric image recovery in turbid media employing circularly polarized light. <i>Optics Express</i> , <b>2018</b> , 26, 25047-25059	3.3	33
47	Self-marked HCN gas based FBG demodulation in thermal cycling process for aerospace environment. <i>Optics Express</i> , <b>2018</b> , 26, 22944-22953	3.3	11
46	An Improved Polarization Compensation Method for Interferometric Fiber-Optic Intrusion Sensors. <i>IEEE Photonics Technology Letters</i> , <b>2017</b> , 29, 834-837	2.2	4
45	Enhancing Visibility of Polarimetric Underwater Image by Transmittance Correction. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-10	1.8	23
44	. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-12	1.8	16
43	Optical Current Sensor With Dual-Wavelength Configuration for Improving Temperature Robustness. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-10	1.8	8
42	Noncontact Ultrasonic Detection in Low-Pressure Carbon Dioxide Medium Using High Sensitivity Fiber-Optic Fabry-Perot Sensor System. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 5079-5085	4	25

41	A fast positioning algorithm for the asymmetric dual Mach-Zehnder interferometric infrared fiber vibration sensor. <i>Infrared Physics and Technology</i> , <b>2017</b> , 85, 359-363	2.7	7
40	Colorimetric discrimination for Stokes polarimetric imaging. <i>Optics Express</i> , <b>2017</b> , 25, 3765-3773	3.3	4
39	Optimization of instrument matrix for Mueller matrix ellipsometry based on partial elements analysis of the Mueller matrix. <i>Optics Express</i> , <b>2017</b> , 25, 18872-18884	3.3	18
38	Non-destructive residual pressure self-measurement method for the sensing chip of optical Fabry-Perot pressure sensor. <i>Optics Express</i> , <b>2017</b> , 25, 31937-31947	3.3	8
37	Polarized low-coherence interferometer based on a matrix CCD and birefringence crystal with a two-dimensional angle. <i>Optics Express</i> , <b>2017</b> , 25, 15977-15986	3.3	6
36	Multispectral Stokes Imaging Polarimetry Based on Color CCD. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-10	1.8	4
35	Underwater image recovery considering polarization effects of objects. <i>Optics Express</i> , <b>2016</b> , 24, 9826-38,3	3.3	79
34	Distributed Strain and Temperature Discrimination Using Two Types of Fiber in OFDR. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-8	1.8	14
33	An Approach for Increasing User Capacity of OCDMA System Based on Vernier Effect. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 4877-4883	4	5
32	Event Discrimination of Fiber Disturbance Based on Filter Bank in DMZI Sensing System. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-14	1.8	6
31	An EMD-Based Filtering Algorithm for the Fiber-Optic SPR Sensor. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-8	1.8	11
30	Long-Range Distributed Fiber Vibration Sensor Using an Asymmetric Dual Mach-Zehnder Interferometers. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 2235-2239	4	45
29	Fiber loop ring-down cavity integrated U-bent single-mode-fiber for magnetic field sensing. <i>Photonics Research</i> , <b>2016</b> , 4, 322	6	27
28	High-Efficiency Endpoint Detection in Optical Fiber Perimeter Security. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 5049-5055	4	6
27	An Improved Positioning Algorithm in a Long-Range Asymmetric Perimeter Security System. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 5278-5283	4	9
26	A Continuous Wavelet Transform Based Time Delay Estimation Method for Long Range Fiber Interferometric Vibration Sensor. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 3785-3789	4	19
25	Complete Characterization of Polarization-Maintaining Fibers Using Distributed Polarization Analysis. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 372-380	4	33
24	A Self-Healing Passive Fiber Bragg Grating Sensor Network. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 2062-2067	4	13



23	Polarimetric target detection under uneven illumination. <i>Optics Express</i> , <b>2015</b> , 23, 23603-12	3.3	17
22	Differential-pressure-based fiber-optic temperature sensor using Fabry-Perot interferometry. <i>Optics Letters</i> , <b>2015</b> , 40, 1049-52	3	34
21	Evaluation Parameter for Self-Healing FBG Sensor Networks After Multiple Fiber Failures. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-7	1.8	2
20	Birefringence-Dispersion-Induced Frequency Domain Nonlinearity Compensation for Polarized Low-Coherence Interferometry Demodulation. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 4842-4848	4	5
19	Optimal distribution of integration time for intensity measurements in Stokes polarimetry. <i>Optics Express</i> , <b>2015</b> , 23, 27690-9	3.3	17
18	An Improved Positioning Algorithm With High Precision for Dual Mach-Zehnder Interferometry Disturbance Sensing System. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 1954-1960	4	34
17	Deployment Optimization for One-Dimensional Optical Fiber Sensor Networks. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 2997-3004	4	4
16	Simultaneous Detection of Mixed Gases Based on Overlapped Spectra Separation With SLIDT. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 794-797	2.2	0
15	A High-Efficiency Multiple Events Discrimination Method in Optical Fiber Perimeter Security System. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 4885-4890	4	32
14	Self-temperature-compensative refractometer based on single-mode-multimode-single-mode fiber structure. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 212, 107-111	8.5	38
13	Configurable Filter-Based Endpoint Detection in DMZI Vibration System. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 1956-1959	2.2	18
12	Batch-Produced Fiber-Optic Fabry-Perot Sensor for Simultaneous Pressure and Temperature Sensing. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 2070-2073	2.2	39
11	Zero-fringe demodulation method based on location-dependent birefringence dispersion in polarized low-coherence interferometry. <i>Optics Letters</i> , <b>2014</b> , 39, 1827-30	3	19
10	A Quantitative Robustness Evaluation Model for Optical Fiber Sensor Networks. <i>Journal of Lightwave Technology</i> , <b>2013</b> , 31, 1240-1246	4	21
9	An Elimination Method of Polarization-Induced Phase Shift and Fading in Dual Mach-Zehnder Interferometry Disturbance Sensing System. <i>Journal of Lightwave Technology</i> , <b>2013</b> , 31, 3135-3141	4	35
8	Optical fiber magnetic field sensor based on single-mode-multimode-single-mode structure and magnetic fluid. <i>Optics Letters</i> , <b>2013</b> , 38, 3999-4001	3	181
7	Chaotic ultra-wideband over fiber link based on optical feedback laser diode. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 1504-1507	1.2	2
6	Birefringence dispersion compensation demodulation algorithm for polarized low-coherence interferometry. <i>Optics Letters</i> , <b>2013</b> , 38, 3169-72	3	12

5	A Simple and Effective Demodulation Method for Polarized Low-Coherence Interferometry. <i>IEEE Photonics Technology Letters</i> , <b>2012</b> , 24, 1390-1392	2.2	10
4	Adaptive Speckle Reduction in OCT Volume Data Based on Block-Matching and 3-D Filtering. <i>IEEE Photonics Technology Letters</i> , <b>2012</b> , 24, 1802-1804	2.2	9
3	A polarized low-coherence interferometry demodulation algorithm by recovering the absolute phase of a selected monochromatic frequency. <i>Optics Express</i> , <b>2012</b> , 20, 18117-26	3.3	3 <sup>1</sup>
2	High accuracy polarization measurements using binary polarization rotators. <i>Optics Express</i> , <b>2010</b> , 18, 6667-85	3.3	18
1	Ultrahigh-Resolution Optical Fiber Thermometer Based on Microcavity Opto-Mechanical Oscillation. <i>Advanced Photonics Research</i> , 2200052	1.9	2