

Deming Liu

List of Publications by Year in descending order

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186265

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248
times ranked

2344
citing authors

#	ARTICLE	IF	CITATIONS
1	Fiber-Optic Michelson Interferometric Acoustic Sensor Based on a PP/PET Diaphragm. IEEE Sensors Journal, 2016, 16, 3054-3058.	4.7	77
2	Ultra-High Sensitive Quasi-Distributed Acoustic Sensor Based on Coherent OTDR and Cylindrical Transducer. Journal of Lightwave Technology, 2020, 38, 929-938.	4.6	68
3	Security-Enhanced OFDM-PON Using Hybrid Chaotic System. IEEE Photonics Technology Letters, 2015, 27, 326-329.	2.5	66
4	Hybrid TDM/WDM-Based Fiber-Optic Sensor Network for Perimeter Intrusion Detection. Journal of Lightwave Technology, 2012, 30, 1113-1120.	4.6	65
5	Secure OFDM-PON System Based on Chaos and Fractional Fourier Transform Techniques. Journal of Lightwave Technology, 2014, 32, 2629-2635.	4.6	65
6	Phase Demodulation of Short-Cavity Fabry-Pérot Interferometric Acoustic Sensors With Two Wavelengths. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	53
7	All-solid multi-core fiber-based multipath Mach-Zehnder interferometer for temperature sensing. Applied Physics B: Lasers and Optics, 2013, 112, 491-497.	2.2	52
8	Performance-Enhanced Direct Detection Optical OFDM Transmission With CAZAC Equalization. IEEE Photonics Technology Letters, 2015, 27, 1507-1510.	2.5	51
9	Graphene-Assisted Microfiber for Optical-Power-Based Temperature Sensor. IEEE Photonics Technology Letters, 2016, 28, 383-386.	2.5	51
10	Group-velocity-locked vector soliton molecules in fiber lasers. Scientific Reports, 2017, 7, 2369.	3.3	46
11	Diaphragm-based optical fiber sensor for pulse wave monitoring and cardiovascular diseases diagnosis. Journal of Biophotonics, 2019, 12, e201900084.	2.3	43
12	Real-Time Denoising of Brillouin Optical Time Domain Analyzer With High Data Fidelity Using Convolutional Neural Networks. Journal of Lightwave Technology, 2019, 37, 2648-2653.	4.6	43
13	Fiber Wireless Transmission of 8.3-Gb/s/ch QPSK-OFDM Signals in 75-110-GHz Band. IEEE Photonics Technology Letters, 2012, 24, 383-385.	2.5	41
14	Sensitivity-controllable refractive index sensor based on reflective $\hat{\Gamma}$ -shaped microfiber resonator cooperated with Vernier effect. Scientific Reports, 2017, 7, 9620.	3.3	40
15	Novel NCF-FBG Interferometer for Simultaneous Measurement of Refractive Index and Temperature. IEEE Photonics Technology Letters, 2012, 24, 2268-2271.	2.5	38
16	Optical Fiber Acoustic Sensor Based on Nonstandard Fused Coupler and Aluminum Foil. IEEE Sensors Journal, 2014, 14, 2293-2298.	4.7	37
17	An Ultra-Sensitive Magnetic Field Sensor Based on Extrinsic Fiber-Optic Fabry-Pérot Interferometer and Terfenol-D. Journal of Lightwave Technology, 2015, 33, 3332-3337.	4.6	36
18	UV Adhesive Diaphragm-Based FPI Sensor for Very-Low-Frequency Acoustic Sensing. IEEE Photonics Journal, 2016, 8, 1-9.	2.0	35

#	ARTICLE	IF	CITATIONS
19	Dual-Parameters Optical Fiber Sensor With Enhanced Resolution Using Twisted MMF Based on SMS Structure. IEEE Sensors Journal, 2017, 17, 3045-3051.	4.7	35
20	Micro Multicavity Fabry-Pérot Interferometers Sensor in SMFs Machined by Femtosecond Laser. IEEE Photonics Technology Letters, 2013, 25, 1609-1612.	2.5	33
21	An Electrooptic Chaotic System Based on a Hybrid Feedback Loop. Journal of Lightwave Technology, 2018, 36, 4259-4266.	4.6	33
22	Enhancing the Physical Layer Security of OFDM-PONs With Hardware Fingerprint Authentication: A Machine Learning Approach. Journal of Lightwave Technology, 2020, 38, 3238-3245.	4.6	33
23	Semiconductor-laser-based hybrid chaos source and its application in secure key distribution. Optics Letters, 2019, 44, 2605.	3.3	33
24	Arbitrary Bias Point Control Technique for Optical IQ Modulator Based on Dither-Correlation Detection. Journal of Lightwave Technology, 2018, 36, 3824-3836.	4.6	32
25	Time-Delay Concealment in a Three-Dimensional Electro-Optic Chaos System. IEEE Photonics Technology Letters, 2015, 27, 1030-1033.	2.5	31
26	Ultra-sensitive ppb-level methane detection based on NIR all-optical photoacoustic spectroscopy by using differential fiber-optic microphones with gold-chromium composite nanomembrane. Photoacoustics, 2022, 26, 100353.	7.8	31
27	Wavelength division multiplexing secure communication scheme based on an optically coupled phase chaos system and PM-to-IM conversion mechanism. Nonlinear Dynamics, 2018, 94, 1949-1959.	5.2	30
28	Microfiber-Based Inline Mach-Zehnder Interferometer for Dual-Parameter Measurement. IEEE Photonics Journal, 2015, 7, 1-8.	2.0	29
29	Fractional Fourier Transformation-Based Blind Chromatic Dispersion Estimation for Coherent Optical Communications. Journal of Lightwave Technology, 2016, 34, 2371-2380.	4.6	29
30	Gold-Diaphragm Based Fabry-Perot Ultrasonic Sensor for Partial Discharge Detection and Localization. IEEE Photonics Journal, 2020, 12, 1-12.	2.0	28
31	A Fiber Bragg Grating Sensor Network Using an Improved Differential Evolution Algorithm. IEEE Photonics Technology Letters, 2011, 23, 1385-1387.	2.5	27
32	Multiplexed ultrafast fiber laser emitting multi-state solitons. Optics Express, 2018, 26, 27461.	3.4	27
33	Slot Spiral Silicon Photonic Crystal Fiber With Property of Both High Birefringence and High Nonlinearity. IEEE Photonics Journal, 2014, 6, 1-7.	2.0	25
34	Noninvasive respiration movement sensor based on distributed Bragg reflector fiber laser with beat frequency interrogation. Journal of Biomedical Optics, 2014, 19, 017003.	2.6	25
35	Dispersion-Tolerant DDO-OFDM System and Simplified Adaptive Modulation Scheme Using CAZAC Precoding. Journal of Lightwave Technology, 2016, 34, 2743-2751.	4.6	25
36	Coexistence of soliton singlets and molecules in a dual-wavelength mode-locked fiber laser. Optics Communications, 2020, 457, 124700.	2.1	25

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37	2- $\frac{1}{4}$ μ m switchable dual-wavelength fiber laser with cascaded filter structure based on dual-channel Mach-Zehnder interferometer and spatial mode beating effect. Applied Physics B: Lasers and Optics, 2014, 117, 563-569.	2.2	24
38	Switchable thulium-doped fiber laser from polarization rotation vector to scalar soliton. Scientific Reports, 2016, 6, 34844.	3.3	24
39	Integrated Dual-Mode 3-dB Power Splitter Based on Multimode Interference Coupler. IEEE Photonics Technology Letters, 2020, 32, 883-886.	2.5	24
40	An SNR-improved Transmitter of Delta-sigma Modulation Supported Ultra-High-Order QAM Signal for Fronthaul/WiFi Applications. Journal of Lightwave Technology, 2022, 40, 2780-2790.	4.6	23
41	Secure Strategy for OFDM-PON Using Digital Chaos Algorithm With Fixed-Point Implementation. Journal of Lightwave Technology, 2018, 36, 4826-4833.	4.6	22
42	Real-time access to the coexistence of soliton singlets and molecules in an all-fiber laser. Optics Letters, 2019, 44, 4263.	3.3	22
43	Research progress in the key device and technology for fiber optic sensor network. Photonic Sensors, 2016, 6, 1-25.	5.0	21
44	Joint Time/Frequency Synchronization and Chromatic Dispersion Estimation With Low Complexity Based on a Superimposed FrFT Training Sequence. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	20
45	Simultaneous All-Optical π and $\frac{\pi}{2}$ Gates for NRZ Differential Phase-Shift-Keying Signals. IEEE Photonics Technology Letters, 2008, 20, 596-598.	2.5	19
46	Experimental Demonstration of Multipoint Temperature Warning Sensor Using a Multichannel Matched Fiber Bragg Grating. IEEE Photonics Technology Letters, 2008, 20, 933-935.	2.5	19
47	Experimental Demonstration of Bidirectional OFDM/OQAM-MIMO Signal Over a Multicore Fiber System. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	19
48	An Optically Coupled Electro-Optic Chaos System With Suppressed Time-Delay Signature. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	19
49	Performance enhanced DDO-OFDM system with adaptively partitioned precoding and single sideband modulation. Optics Express, 2017, 25, 23093.	3.4	19
50	Relative Phase Noise-Induced Phase Error and System Impairment in Pump Depletion/Nondepletion Regime. Journal of Lightwave Technology, 2014, 32, 2277-2286.	4.6	17
51	Secure Key Distribution Strategy in OFDM-PON by Utilizing the Redundancy of Training Symbol and Digital Chaos Technique. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	17
52	Panda Type Few-Mode Fiber Capable of Both Mode Profile and Polarization Maintenance. Journal of Lightwave Technology, 2018, 36, 5780-5785.	4.6	17
53	Investigation of DC-Biased Optical OFDM With Precoding Matrix for Visible Light Communications: Theory, Simulations, and Experiments. IEEE Photonics Journal, 2018, 10, 1-16.	2.0	17
54	Reference Optical Spectrum Based In-Band OSNR Monitoring Method for EDFA Amplified Multispan Optical Fiber Transmission System With Cascaded Filtering Effect. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	16

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55	Digital Domain Power Division Multiplexed Dual Polarization Coherent Optical OFDM Transmission. Scientific Reports, 2018, 8, 15827.	3.3	16
56	Characterization of Fiber Bragg Grating Inscribed in Few-Mode Silica-Germanate Fiber. IEEE Photonics Technology Letters, 2014, 26, 1908-1911.	2.5	15
57	Simultaneous Suppression of Even-Order and Third-Order Distortions in Directly Modulated Analog Photonic Links. IEEE Photonics Journal, 2017, 9, 1-12.	2.0	15
58	Observation of Wavelength Tuning and Bound States in Fiber Lasers. Scientific Reports, 2018, 8, 6049.	3.3	15
59	Chaos Synchronization Based on Hybrid Entropy Sources and Applications to Secure Communication. IEEE Photonics Technology Letters, 2021, 33, 1038-1041.	2.5	15
60	Nonintrusive Distributed Flow Rate Sensing System Based on Flow-Induced Vibrations Detection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	15
61	Wavelength conversion between picosecond pulses using cascaded second-order nonlinearity in LiNbO ₃ waveguides. Optical and Quantum Electronics, 2005, 37, 443-456.	3.3	14
62	Comb Filter-Based Fiber-Optic Methane Sensor System With Mitigation of Cross Gas Sensitivity. Journal of Lightwave Technology, 2012, 30, 3103-3109.	4.6	14
63	ICI Mitigation for Dual-Carrier Superchannel Transmission Based on m-PSK and m-QAM Formats. Journal of Lightwave Technology, 2016, 34, 5526-5533.	4.6	14
64	A Single Longitudinal Mode Fiber Ring Laser Based on Cascaded Microfiber Knots Filter. IEEE Photonics Technology Letters, 2016, 28, 2172-2175.	2.5	14
65	Spatially Arrayed Long Period Gratings in Multicore Fiber by Programmable Electrical Arc Discharge. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	14
66	Frequency Offset Estimation for 32-QAM Based on Constellation Rotation. IEEE Photonics Technology Letters, 2017, 29, 2115-2118.	2.5	14
67	All-Fiber Tunable LP ₁₁ Mode Rotator With 360° Range. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	13
68	End-View Image Processing Based Angle Alignment Techniques for Specialty Optical Fibers. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	13
69	Quasi-Distributed Dual-Parameter Optical Fiber Sensor Based on Cascaded Microfiber Fabry-Perot Interferometers. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	13
70	Soliton molecules in a fiber laser based on optic evanescent field interaction with WS ₂ . Applied Physics B: Lasers and Optics, 2018, 124, 1.	2.2	13
71	Sensing Characterization of Helical Long Period Fiber Grating Fabricated by a Double-Side CO ₂ Laser in Single-Mode Fiber. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	13
72	8 Å–10 Gb/s Downstream PAM-4 Transmission for Cost-Effective Coherent WDM-PON Application. Journal of Lightwave Technology, 2021, 39, 2837-2846.	4.6	13

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73	Optical generation of microwave signal using fiber Bragg grating-based double-ring fiber laser assisted by saturable absorber. <i>Microwave and Optical Technology Letters</i> , 2011, 53, 2478-2481.	1.4	12
74	Volume Strain Sensor Based on Spectra Analysis of In-Fiber Modal Interferometer. <i>IEEE Sensors Journal</i> , 2013, 13, 2139-2145.	4.7	12
75	Passively mode-locked fiber laser sensor for acoustic pressure sensing. <i>Journal of Modern Optics</i> , 2013, 60, 1892-1897.	1.3	12
76	Switchable Dual-Wavelength Mode-Locking of Thulium-Doped Fiber Laser Based on SWNTs. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 2019-2022.	2.5	12
77	Training Symbol Assisted in-Band OSNR Monitoring Technique for PDM-CO-OFDM System. <i>Journal of Lightwave Technology</i> , 2017, 35, 1551-1556.	4.6	12
78	Experimental Demonstration of Ultra-Dense WDM-PON With Seven-Core MCF-Enabled Self-Homodyne Coherent Detection. <i>IEEE Photonics Journal</i> , 2017, 9, 1-7.	2.0	12
79	Phase Interrogation of Diaphragm-Based Optical Fiber Acoustic Sensor Assisted by Wavelength-Scanned Spectral Coding. <i>IEEE Photonics Journal</i> , 2018, 10, 1-11.	2.0	12
80	Biased Balance Detection for Fiber Optical Frequency Comb Based Linear Optical Sampling. <i>Journal of Lightwave Technology</i> , 2021, 39, 3458-3465.	4.6	12
81	Design of distributed Raman temperature sensing system based on single-mode optical fiber. <i>Frontiers of Optoelectronics in China</i> , 2009, 2, 215-218.	0.2	11
82	A fast and robust blind chromatic dispersion estimation based on fractional fourier transformation. , 2015, , .		11
83	2-1/4m switchable, tunable and power-controllable dual-wavelength fiber laser based on parallel cavities using 3-Å-Å3 coupler. <i>Applied Physics B: Lasers and Optics</i> , 2015, 120, 349-354.	2.2	11
84	Automatic reference optical spectrum retrieval method for ultra-high resolution optical spectrum distortion analysis utilizing integrated machine learning techniques. <i>Optics Express</i> , 2017, 25, 32491.	3.4	11
85	Single-Shot Temporal Ghost Imaging Based on Orthogonal Frequency-Division Multiplexing. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1555-1558.	2.5	11
86	DBR Fiber Laser Based High-Resolution Accelerometer Network. <i>Journal of Lightwave Technology</i> , 2019, 37, 2946-2953.	4.6	11
87	Identify the Device Fingerprint of OFDM-PONs With a Noise-Model-Assisted CNN for Enhancing Security. <i>IEEE Photonics Journal</i> , 2021, 13, 1-4.	2.0	11
88	Optical Multipath Interference Mitigation for High-Speed PAM4 IMDD Transmission System. <i>Journal of Lightwave Technology</i> , 2022, 40, 5490-5501.	4.6	11
89	Experimental Demonstration of Nonlinearity and Phase Noise Tolerant 16-QAM OFDM W-Band (75-110) Tj ETQq1 1 0.784314 rgBT (0	4.6	10
90	Wideband Microfiber Fabry-Pérot Filter and Its Application to Multiwavelength Fiber Ring Laser. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 961-964.	2.5	10

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91	All-fiber sensor based on few-mode fiber offset splicing structure cascaded with long-period fiber grating for curvature and acoustic measurement. <i>Photonic Network Communications</i> , 2016, 32, 224-229.	2.7	10
92	Experimental Demonstration of a 16.27 Gb/s 2-D Coherent Optical OFDM System With 3-D Signal Mapper and 2-D IFFT Modulator. <i>Journal of Lightwave Technology</i> , 2016, 34, 1177-1183.	4.6	10
93	Impact of Sampling Source Repetition Frequency in Linear Optical Sampling. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 15-18.	2.5	10
94	Characterization and Optimization of Unrepeated Coherent Transmission Systems Using DRA and ROPA. <i>Journal of Lightwave Technology</i> , 2017, 35, 1830-1836.	4.6	10
95	Polarization- and wavelength-independent SBS-based filters for high resolution optical spectrum measurement. <i>Optics Express</i> , 2017, 25, 20969.	3.4	10
96	Tunable multiwavelength fiber laser based on a \hat{I} -shaped microfiber filter. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	2.2	10
97	Scalar and Vector Solitons in a Bidirectional Mode-Locked Fibre Laser. <i>Journal of Lightwave Technology</i> , 2019, 37, 5108-5114.	4.6	10
98	Joint Carrier Frequency Offset and Phase Noise Estimation Based on Pseudo-Pilot in CO-FBMC/OQAM System. <i>IEEE Photonics Journal</i> , 2019, 11, 1-11.	2.0	10
99	A Large Measurement Range Bending Sensor Based on Microfiber Probe. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1964-1967.	2.5	10
100	Programmable all-fiber structured waveshaper based on linearly chirped fiber Bragg grating and digital thermal controller. <i>Applied Physics B: Lasers and Optics</i> , 2013, 112, 479-484.	2.2	9
101	Multichannel Continuously Tunable Microwave Phase Shifter With Capability of Frequency Doubling. <i>IEEE Photonics Journal</i> , 2014, 6, 1-8.	2.0	9
102	Intensity demodulation-based acoustic sensor using dual fiber Bragg gratings and a titanium film. <i>Journal of Modern Optics</i> , 2014, 61, 1033-1038.	1.3	9
103	Numerical and Experimental Characterization of Radiation Mode of 45° Tilted Fiber Grating. <i>Journal of Lightwave Technology</i> , 2019, , 1-1.	4.6	9
104	Difference-Frequency Generation Among Ultrashort Optical Pulses in Quasi-Phase-Matching Waveguides. <i>Optical and Quantum Electronics</i> , 2004, 36, 577-587.	3.3	8
105	All-Optical DPSK Regenerative One-to-Nine Wavelength Multicasting Using Dual-Pump Degenerate Phase Sensitive Amplifier. <i>Journal of Lightwave Technology</i> , 2014, 32, 2605-2612.	4.6	8
106	A Robust and Efficient Frequency Offset Correction Algorithm With Experimental Verification for Coherent Optical OFDM System. <i>Journal of Lightwave Technology</i> , 2015, 33, 3801-3807.	4.6	8
107	Linewidth-Tolerant Joint Digital Signal Processing for 16QAM Nyquist WDM Superchannel. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 129-132.	2.5	8
108	Performance Comparison of Offset-16QAM and 16QAM for Nyquist WDM Superchannel With Digital Spectral Shaping. <i>Journal of Lightwave Technology</i> , 2015, 33, 3623-3629.	4.6	8

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109	Stable and Compact Dual-Loop Optoelectronic Oscillator Using Self-Polarization-Stabilization Technique and Multicore Fiber. <i>Journal of Lightwave Technology</i> , 2018, 36, 5196-5202.	4.6	8
110	Carrier Phase Recovery for Set-Partitioning QAM Formats. <i>Journal of Lightwave Technology</i> , 2018, 36, 4129-4137.	4.6	8
111	An Optical Fiber Twist Sensor With Temperature Compensation Mechanism Based on T-SMS Structure. <i>IEEE Photonics Journal</i> , 2020, 12, 1-8.	2.0	8
112	Simultaneous RF Self-Interference Cancellation, Local Oscillator Generation, Frequency up- and down-Conversion in an Integrated In-Band Full-Duplex 5G RF Transceiver Front-End. <i>Journal of Lightwave Technology</i> , 2022, 40, 511-518.	4.6	8
113	Experimental Demonstration of Simultaneously Precise Tx and Rx Skew Calibration for Coherent Optical Transceiver. <i>Journal of Lightwave Technology</i> , 2022, 40, 1043-1054.	4.6	8
114	Passive Homodyne Phase Demodulation Technique Based on LF-TIT-DCM Algorithm for Interferometric Sensors. <i>Sensors</i> , 2021, 21, 8257.	3.8	8
115	Modeling of pressure sensors based on two-dimensional photonic crystals. <i>Frontiers of Optoelectronics in China</i> , 2009, 2, 219-221.	0.2	7
116	All-Optical Highly Sensitive Chromatic Dispersion Monitoring Method Utilizing Phase-Matched Four-Wave Mixing. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1724-1726.	2.5	7
117	Simultaneous measurement for liquid level and refractive index based on all-fiber modal interferometer. <i>Journal of Modern Optics</i> , 2013, 60, 496-502.	1.3	7
118	A pump power controlled 1,060Ånm multiwavelength fiber ring laser using nonlinear polarization rotation of SOA. <i>Applied Physics B: Lasers and Optics</i> , 2013, 110, 445-449.	2.2	7
119	Low-Complexity Carrier Phase Recovery Based on Constellation Classification for M-ary Offset-QAM Signal. <i>Journal of Lightwave Technology</i> , 2016, 34, 1133-1140.	4.6	7
120	Impact of Out-of-Band Noise on OSNR Measurement Using Brillouin Optical Spectrum Analyzer and Its Mitigation Method. <i>IEEE Photonics Journal</i> , 2018, 10, 1-10.	2.0	7
121	A Joint OSNR and Nonlinear Distortions Estimation Method for Optical Fiber Transmission System. <i>IEEE Photonics Journal</i> , 2018, 10, 1-11.	2.0	7
122	Modeling and Analysis of Fiber Bragg Grating Based Visible Pr ³⁺ -Doped Fiber Lasers. <i>Journal of Lightwave Technology</i> , 2014, 32, 27-34.	4.6	6
123	Three-Dimensional Adaptive Modulation and Coding for DDO-OFDM Transmission System. <i>IEEE Photonics Journal</i> , 2017, 9, 1-20.	2.0	6
124	Adaptive Uniform Entropy Loading for SSB-DMT Systems. <i>Journal of Lightwave Technology</i> , 2019, 37, 5961-5970.	4.6	6
125	Multi-Task Learning Convolutional Neural Network and Optical Spectrums Enabled Optical Performance Monitoring. <i>IEEE Photonics Journal</i> , 2022, 14, 1-8.	2.0	6
126	Single to 16-Channel Wavelength Conversion at 10 Gb/s Based on Cross-Gain Modulation of ASE Spectrum in SOA. <i>Optical and Quantum Electronics</i> , 2004, 36, 627-634.	3.3	5

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127	20 Gb/s all-optical and gates and nor gates using cascaded SOAs. <i>Microwave and Optical Technology Letters</i> , 2007, 49, 484-487.	1.4	5
128	WDM PON using 10-Gb/s DPSK downstream and re-modulated 10-Gb/s OOK upstream based on SOA. <i>Frontiers of Optoelectronics in China</i> , 2010, 3, 339-342.	0.2	5
129	2- $\frac{1}{4}$ m Switchable dual-wavelength single-longitudinal-mode fiber laser based on a core-offset structure and carbon nanotube. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	5
130	On-field measurement trial of 4 \times 128 Gbps PDM-QPSK signals by linear optical sampling. <i>Optics Communications</i> , 2017, 384, 36-40.	2.1	5
131	Distributed Measurement of Polarization Mode Coupling in Polarization Maintaining Fibers Using Microwave Photonic Filter Technique. <i>Journal of Lightwave Technology</i> , 2018, 36, 4543-4548.	4.6	5
132	All-Fiber Mode-Locked Laser Utilizing 45 $^{\circ}$ -Tilted Fiber Grating-Based Polarization Beam Splitter. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 1389-1392.	2.5	5
133	A Robust Reference Optical Spectrum Based in-Band OSNR Monitoring Method Suitable for Flexible Optical Networks. <i>IEEE Photonics Journal</i> , 2020, 12, 1-10.	2.0	5
134	A Robust Sparse RLS-Volterra Nonlinear Equalizer Using λ_1 - λ_2 -Regularization for 4 \times 150 Gbit/s IMDD-Based Optical Interconnect. <i>IEEE Access</i> , 2021, 9, 30881-30892.	4.2	5
135	Design of hollow core step-index antiresonant fiber with stepped refractive indices cladding. <i>Frontiers of Optoelectronics</i> , 2021, 14, 407-413.	3.7	5
136	Simultaneous Distributed Temperature and Vibration Measurement with UWFBG based Coherent OTDR. , 2018, , .		5
137	Single to multi wavelength conversion using amplified spontaneous emission of semiconductor optical amplifier. , 0, , .		4
138	Transmission-type SPR sensor based on coupling of surface plasmons to radiation modes using a dielectric grating. <i>Frontiers of Optoelectronics in China</i> , 2009, 2, 182-186.	0.2	4
139	Novel access technology based on hybrid Ethernet passive optical network and Ethernet passive electronic network. <i>Frontiers of Optoelectronics in China</i> , 2009, 2, 328-333.	0.2	4
140	A compact all fiber refractive index sensor based on modal interference. , 2012, , .		4
141	A novel design of orthogonal frequency division multiplexing-based passive optical networks. <i>Photonic Network Communications</i> , 2012, 23, 265-271.	2.7	4
142	Transient Bragg fiber gratings formed by unpumped thulium doped fiber. <i>Frontiers of Optoelectronics</i> , 2013, 6, 180-184.	3.7	4
143	Absolute distance measurement based on femtosecond frequency comb with wavelet transform. <i>Optical Engineering</i> , 2014, 53, 122409.	1.0	4
144	Complex UWB pulse generator based on nonlinear PM \rightarrow TM conversion. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 2780-2784.	1.4	4

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145	Fiber up-taper assisted Mach-Zehnder interferometer for high sensitive temperature sensing. <i>Frontiers of Optoelectronics</i> , 2015, 8, 431-438.	3.7	4
146	Experimental verification of relative phase noise in Raman amplified coherent optical communication system. <i>Journal of Lightwave Technology</i> , 2016, , 1-1.	4.6	4
147	Hole-Assisted Graded-Index Four-LP-Mode Fiber With Low Differential Mode Group Delay Over C+L Band. <i>IEEE Photonics Journal</i> , 2016, 8, 1-10.	2.0	4
148	TDHQ Enabling Fine-Granularity Adaptive Loading for SSB-DMT Systems. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1687-1690.	2.5	4
149	Broadband Wavelength Conversion Based on Parallel-Coupled Micro-Ring Resonators. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1559-1562.	2.5	4
150	CFBG-Based Bidirectional Mode-Locked Fiber Laser Emitting Conventional and Dissipative Solitons. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1737-1740.	2.5	4
151	Sensitivity Characterization of Cascaded Long-Period Gratings Operating near the Phase-Matching Turning Point. <i>Sensors</i> , 2020, 20, 5978.	3.8	4
152	Demonstration of Dual-Mode Photonic Integrated Circuit Based on Inverse-Designed Photonic Components. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 1289-1292.	2.5	4
153	Design and Analysis of Ultra-Wideband Highly-Birefringent Bragg Layered Photonic Bandgap Fiber With Concave-Index Cladding. <i>IEEE Photonics Journal</i> , 2021, 13, 1-10.	2.0	4
154	Simultaneously Precise Calibration of Frequency Response and IQ Skew for 100Gbaud Optical Transceiver. , 2021, , .		4
155	Simultaneously precise frequency response and IQ skew calibration in a self-homodyne coherent optical transmission system. <i>Optics Express</i> , 2022, 30, 20894.	3.4	4
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157	High receiver skew-tolerant and hardware-efficient clock recovery for short-reach coherent transmission. <i>Optics Express</i> , 2022, 30, 27064.	3.4	4
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