Lianshan Yan

List of Publications by Year
in descending order

250	4,232	109264	168321
papers	citations	35	53
		h-index	g-index

252	252	252	2766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photonics for microwave measurements. Laser and Photonics Reviews, 2016, 10, 711-734.	4.4	261
2	Dispersion management of anisotropic metamirror for super-octave bandwidth polarization conversion. Scientific Reports, 2015, 5, 8434.	1.6	147
3	Lifetime Enhancement in Wireless Sensor Networks Using Fuzzy Approach and A-Star Algorithm. IEEE Sensors Journal, 2012, 12, 3010-3018.	2.4	120
4	Optoelectronic Oscillators (OEOs) to Sensing, Measurement, and Detection. IEEE Journal of Quantum Electronics, 2016, 52, 1-16.	1.0	120
5	Wide-range, high-precision multiple microwave frequency measurement using a chip-based photonic Brillouin filter. Optica, 2016, 3, 30.	4.8	91
6	Photonic-Assisted Microwave Channelizer With Improved Channel Characteristics Based on Spectrum-Controlled Stimulated Brillouin Scattering. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3470-3478.	2.9	83
7	Microwave Photonics for Featured Applications in High-Speed Railways: Communications, Detection, and Sensing. Journal of Lightwave Technology, 2018, 36, 4337-4346.	2.7	78
8	Electromagnetically Induced Transparency-Like Transmission in a Compact Side-Coupled T-Shaped Resonator. Journal of Lightwave Technology, 2014, 32, 1701-1707.	2.7	75
9	Chaos Synchronization and Communication in Mutually Coupled Semiconductor Lasers Driven by a Third Laser. Journal of Lightwave Technology, 2010, 28, 1978-1986.	2.7	70
10	SNR Enhancement in Phase-Sensitive OTDR with Adaptive 2-D Bilateral Filtering Algorithm. IEEE Photonics Journal, 2017, 9, 1-10.	1.0	64
11	Photonic approach to the measurement of time-difference-of-arrival and angle-of-arrival of a microwave signal. Optics Letters, 2012, 37, 755.	1.7	61
12	All-Optical Signal Processing for UltraHigh Speed Optical Systems and Networks. Journal of Lightwave Technology, 2012, 30, 3760-3770.	2.7	61
13	Investigation on Tunable Modulation Index in the Polarization-Modulator-Based Optoelectronic Oscillator. IEEE Journal of Quantum Electronics, 2014, 50, 68-73.	1.0	59
14	Photonic Approach to Wide-Frequency-Range High-Resolution Microwave/Millimeter-Wave Doppler Frequency Shift Estimation. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1421-1430.	2.9	58
15	Scheme of coherent optical chaos communication. Optics Letters, 2020, 45, 4762.	1.7	57
16	Loss of Time Delay Signature in Broadband Cascade-Coupled Semiconductor Lasers. IEEE Photonics Technology Letters, 2012, 24, 2187-2190.	1.3	56
17	Recent progress of integrated circuits and optoelectronic chips. Science China Information Sciences, 2021, 64, 1.	2.7	56
18	Surface Plasmon Polaritons and Its Applications. IEEE Photonics Journal, 2012, 4, 590-595.	1.0	54

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19	Construction and Strategies in IoT Security System. , 2013, , .		54
20	Modulation format identification and OSNR monitoring using density distributions in Stokes axes for digital coherent receivers. Optics Express, 2019, 27, 4471.	1.7	53
21	Fully digital programmable optical frequency comb generation and application. Optics Letters, 2018, 43, 283.	1.7	50
22	All-fiber optical filter with an ultranarrow and rectangular spectral response. Optics Letters, 2013, 38, 3096.	1.7	48
23	Wideband Doppler frequency shift measurement and direction ambiguity resolution using optical frequency shift and optical heterodyning. Optics Letters, 2015, 40, 2321.	1.7	48
24	Multiple vibrations measurement using phase-sensitive OTDR merged with Mach-Zehnder interferometer based on frequency division multiplexing. Optics Express, 2016, 24, 4842.	1.7	48
25	Properties of leader-laggard chaos synchronization in mutually coupled external-cavity semiconductor lasers. Physical Review E, 2010, 81, 066217.	0.8	45
26	Photonic Generation of Wideband Time-Delay-Signature-Eliminated Chaotic Signals Utilizing an Optically Injected Semiconductor Laser. IEEE Journal of Quantum Electronics, 2012, 48, 1339-1345.	1.0	45
27	Ultra-Broadband Terahertz Absorbers Based on 4â€°Ã—â€°4 Cascaded Metal-Dielectric Pairs. Plasmonics, 2014, 9, 951-957.	1.8	43
28	Blind Density-Peak-Based Modulation Format Identification for Elastic Optical Networks. Journal of Lightwave Technology, 2018, 36, 2850-2858.	2.7	43
29	A Multifunctional Photonic Integrated Circuit for Diverse Microwave Signal Generation, Transmission, and Processing. Laser and Photonics Reviews, 2019, 13, 1800240.	4.4	42
30	0.75â€°Gbit/s high-speed classical key distribution with mode-shift keying chaos synchronization of Fabryâ€"Perot lasers. Light: Science and Applications, 2021, 10, 172.	7.7	42
31	Enhanced range of the dynamic strain measurement in phase-sensitive OTDR with tunable sensitivity. Optics Express, 2020, 28, 226.	1.7	42
32	Photonic approach for simultaneous measurements of Doppler-frequency-shift and angle-of-arrival of microwave signals. Optics Express, 2019, 27, 8709.	1.7	41
33	Conceal time-delay signature of chaotic vertical-cavity surface-emitting lasers by variable-polarization optical feedback. Optics Communications, 2011, 284, 5758-5765.	1.0	38
34	Suppression of the Interference Fading in Phase-Sensitive OTDR With Phase-Shift Transform. Journal of Lightwave Technology, 2021, 39, 295-302.	2.7	37
35	Self-Mixing Demodulation for Coherent Phase-Sensitive OTDR System. Sensors, 2016, 16, 681.	2.1	36
36	Wideband Microwave Doppler Frequency Shift Measurement and Direction Discrimination Using Photonic I/Q Detection. Journal of Lightwave Technology, 2016, 34, 4639-4645.	2.7	36

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37	Scattering engineering in continuously shaped metasurface: An approach for electromagnetic illusion. Scientific Reports, 2016, 6, 30154.	1.6	34
38	Chaotic optical communications at 56 Gbit/s over 100-km fiber transmission based on a chaos generation model driven by long short-term memory networks. Optics Letters, 2022, 47, 2382.	1.7	33
39	Enhanced Two-Channel Optical Chaotic Communication Using Isochronous Synchronization. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 0600109-0600109.	1.9	31
40	Fiber Sensors for Strain Measurements and Axle Counting in High-Speed Railway Applications. IEEE Sensors Journal, 2011, 11, 1587-1594.	2.4	30
41	Photonic Millimeter-Wave Joint Radar Communication System Using Spectrum-Spreading Phase-Coding. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1552-1561.	2.9	30
42	Optical Fiber Temperature and Torsion Sensor Based on Lyot-Sagnac Interferometer. Sensors, 2016, 16, 1774.	2.1	29
43	Precise Brillouin gain and phase spectra measurements in coherent BOTDA sensor with phase fluctuation cancellation. Optics Express, 2016, 24, 4824.	1.7	27
44	Phase Demodulation Based on DCM Algorithm in Î¦-OTDR With Self-Interference Balance Detection. IEEE Photonics Technology Letters, 2020, 32, 473-476.	1.3	27
45	Trading off security and practicability to explore high-speed and long-haul chaotic optical communication. Optics Express, 2021, 29, 12750.	1.7	27
46	Characteristics of Plasmonic Filters with a Notch Located Along Rectangular Resonators. Plasmonics, 2013, 8, 167-171.	1.8	26
47	Longitudinal force measurement in continuous welded rail with bi-directional FBG strain sensors. Smart Materials and Structures, 2016, 25, 015019.	1.8	26
48	Optimization of DV-hop localization algorithm in hybrid optical wireless sensor networks. Journal of Heuristics, 2015, 21, 177-195.	1.1	25
49	Tunable Photonic Radio-Frequency Filter With a Record High Out-of-Band Rejection. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4502-4512.	2.9	24
50	An Effective Modulation Format Identification Based on Intensity Profile Features for Digital Coherent Receivers. Journal of Lightwave Technology, 2019, 37, 5067-5075.	2.7	24
51	Frequency Response Enhancement of Phase-Sensitive OTDR for Interrogating Weak Reflector Array by Using OFDM and Vernier Effect. Journal of Lightwave Technology, 2020, 38, 4874-4882.	2.7	24
52	Two-dimensionally tunable microwave signal generation based on optical frequency-to-time conversion. Optics Letters, 2010, 35, 2606.	1.7	23
53	Modified Energy-Efficient Protocol for Wireless Sensor Networks in the Presence of Distributed Optical Fiber Senor Link. IEEE Sensors Journal, 2011, 11, 1815-1819.	2.4	23
54	Photonic Generation of Microwave Phase-Coded Signals Based on Frequency-to-Time Conversion. IEEE Photonics Technology Letters, 2012, 24, 1527-1529.	1.3	23

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55	Angle-of-Arrival Estimation of Microwave Signals Based on Optical Phase Scanning. Journal of Lightwave Technology, 2019, 37, 6048-6053.	2.7	23
56	Chaos Synchronization and Communication in Multiple Time-Delayed Coupling Semiconductor Lasers Driven by a Third Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1220-1227.	1.9	22
57	Generation and Manipulation of Orbital Angular Momentum by All-Dielectric Metasurfaces. Plasmonics, 2016, 11, 337-344.	1.8	22
58	Photonic Frequency Measurement and Signal Separation for Pulsed/CW Microwave Signals. IEEE Photonics Technology Letters, 2013, 25, 500-503.	1.3	21
59	Ultra-high speed RF filtering switch based on stimulated Brillouin scattering. Optics Letters, 2018, 43, 279.	1.7	21
60	Design of Plasmonic Comb-Like Filters Using Loop-Based Resonators. Plasmonics, 2013, 8, 1017-1022.	1.8	20
61	Fine Tunable PT-Symmetric Optoelectronic Oscillator Based on Laser Wavelength Tuning. IEEE Photonics Technology Letters, 2020, 32, 47-50.	1.3	20
62	Multiaccess Optical Chaos Communication Using Mutually Coupled Semiconductor Lasers Subjected to Identical External Injections. IEEE Photonics Technology Letters, 2010, 22, 676-678.	1.3	19
63	Full-scale phase demodulation approach for photonic instantaneous frequency measurement. Optics Letters, 2010, 35, 2747.	1.7	19
64	Conceal Time-Delay Signature of Mutually Coupled Vertical-Cavity Surface-Emitting Lasers by Variable Polarization Optical Injection. IEEE Photonics Technology Letters, 2012, 24, 1693-1695.	1.3	19
65	Image-Free Microwave Photonic Down-Conversion Approach for Fiber-Optic Antenna Remoting. IEEE Journal of Quantum Electronics, 2017, 53, 1-8.	1.0	19
66	Low-loss broadband 5â€‰â€‰Ã—â€‰â€‰5 non-blocking Si_3N_4 optical switch matrix. Optics Letters, 2019, 44, 2629.	1.7	19
67	Influence of injection current on the synchronization and communication performance of closed-loop chaotic semiconductor lasers. Optics Letters, 2011, 36, 3197.	1.7	18
68	Frequency-Doubling Optoelectronic Oscillator Using DSB-SC Modulation and Carrier Recovery Based on Stimulated Brillouin Scattering. IEEE Photonics Journal, 2013, 5, 6600606-6600606.	1.0	18
69	Experimental Evidence of Time-Delay Concealment in a DFB Laser With Dual-Chaotic Optical Injections. IEEE Photonics Technology Letters, 2016, 28, 131-134.	1.3	18
70	Chromatic Dispersion, Nonlinear Parameter, and Modulation Format Monitoring Based on Godard's Error for Coherent Optical Transmission Systems. IEEE Photonics Journal, 2018, 10, 1-12.	1.0	18
71	Temperature and Strain Discrimination in BOTDA Fiber Sensor by Utilizing Dispersion Compensating Fiber. IEEE Sensors Journal, 2018, 18, 7100-7105.	2.4	18
72	Photonic-Assisted Leakage Cancellation for Wideband Frequency Modulation Continuous-Wave Radar Transceiver. Journal of Lightwave Technology, 2020, 38, 1178-1183.	2.7	18

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73	Photonic approach for the generation of switchable down-, up-, and dual-chirped linear frequency-modulated microwave signals. Optics Letters, 2020, 45, 1990.	1.7	18
74	Millimeter-wave joint radar and communication system based on photonic frequency-multiplying constant envelope LFM-OFDM. Optics Express, 2022, 30, 26407.	1.7	18
75	High-Spectral-Efficiency Photonic Frequency Down-Conversion Using Optical Frequency Comb and SSB Modulation. IEEE Photonics Journal, 2013, 5, 7200307-7200307.	1.0	17
76	Coherent BOTDA sensor with intensity modulated local light and IQ demodulation. Optics Express, 2015, 23, 16407.	1.7	17
77	Photonic Instantaneous Frequency Measurement Using a Single Laser Source and Two Quadrature Optical Filters. IEEE Photonics Technology Letters, 2011, 23, 39-41.	1.3	16
78	High Bit Rate Fiber-Optic Transmission Using a Four-Chaotic-Semiconductor-Laser Scheme. IEEE Photonics Technology Letters, 2012, 24, 1072-1074.	1.3	15
79	Hybrid Golay-coded Brillouin optical time-domain analysis based on differential pulses. Optics Letters, 2018, 43, 4574.	1.7	15
80	Polarization division multiplexing pulse coding for eliminating the effect of polarization pulling in Golay-coded BOTDA fiber sensor. Optics Express, 2018, 26, 19686.	1.7	15
81	Polarization and Transmission Properties of Metamaterial-Based Three-Dimensional Plasmonic Structure. IEEE Photonics Journal, 2011, 3, 400-406.	1.0	14
82	Plasmonic Filter Using Metal-Insulator-Metal Waveguide with Phase Shifts and its Transmission Characteristics. Plasmonics, 2014, 9, 887-892.	1.8	14
83	A Plasmonic Wavelength-Selected Intersection Structure. Plasmonics, 2014, 9, 685-690.	1.8	14
84	Enhanced Far-Field Focusing by Plasmonic Lens Under Radially Polarized Beam Illumination. Plasmonics, 2016, 11, 109-115.	1.8	14
85	Photonic Generation of Microwave Frequency Shift Keying Signal Using a Polarization Maintaining FBG. IEEE Photonics Journal, 2018, 10, 1-8.	1.0	14
86	Enhanced phase-sensitive OTDR system with pulse width modulation Brillouin amplification. Optics Express, 2018, 26, 23714.	1.7	14
87	Enhanced Focusing Properties Using Surface Plasmon Multilayer Gratings. IEEE Photonics Journal, 2012, 4, 57-64.	1.0	13
88	High-Speed FBG-Based Fiber Sensor Networks for Semidistributed Strain Measurements. IEEE Photonics Journal, 2013, 5, 7200507-7200507.	1.0	13
89	Dispersion Compensation in Analog Photonic Link Utilizing a Phase Modulator. Journal of Lightwave Technology, 2014, 32, 4642-4647.	2.7	13
90	Adaptive linearized microwave downconversion utilizing a single dual-electrode Mach–Zehnder modulator. Optics Letters, 2015, 40, 2649.	1.7	13

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91	High resolution refractive index sensing with dual-wavelength fiber laser. IEEE Sensors Journal, 2016, , 1-1.	2.4	13
92	Cluster Synchronization of Coupled Semiconductor Lasers Network With Complex Topology. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	1.9	13
93	Ultrafast and Accurate Temperature Extraction via Kernel Extreme Learning Machine for BOTDA Sensors. Journal of Lightwave Technology, 2021, 39, 1537-1543.	2.7	13
94	Covert wireless communication using massive optical comb channels for deep denoising. Photonics Research, 2021, 9, 1124.	3.4	13
95	Photonic generation of binary and quaternary phase-coded microwave signals by utilizing a dual-polarization dual-parallel Mach-Zehnder modulator. Optics Express, 2018, 26, 28013.	1.7	13
96	High-speed physical key distribution based on dispersion-shift-keying chaos synchronization in commonly driven semiconductor lasers without external feedback. Optics Express, 2020, 28, 37919.	1.7	13
97	Simultaneous OSNR Monitoring for Two Polarization Tributaries of a PDM Signal Using a Polarization-Diversity Nonlinear Loop Mirror Based on FWM. Journal of Lightwave Technology, 2012, 30, 2376-2381.	2.7	12
98	Negative and Positive Impact of Roughness and Loss on Subwavelength Imaging for Superlens Structures. Plasmonics, 2014, 9, 103-110.	1.8	12
99	Chirped fiber tip Fabry–Perot interferometer. Optics Letters, 2017, 42, 3474.	1.7	12
100	2-D quantization scheme utilizing SOFM neural network clustering for a DRoF system. Optics Letters, 2018, 43, 4663.	1.7	12
101	Isochronous cluster synchronization in delay-coupled VCSEL networks subjected to variable-polarization optical injection with time delay signature suppression. Optics Express, 2019, 27, 33369.	1.7	12
102	Stable period-one oscillations in a semiconductor laser under optical feedback from a narrowband fiber Bragg grating. Optics Express, 2020, 28, 21286.	1.7	12
103	Multichannel SBS Slow Light Using Spectrally Sliced Incoherent Pumping. Journal of Lightwave Technology, 2008, 26, 3763-3769.	2.7	11
104	56-Gbit/s PAM-4 Optical Signal Transmission Over 100-km SMF Enabled by TCNN Regression Model. IEEE Photonics Journal, 2021, 13, 1-6.	1.0	11
105	Deep learning based pulse prediction of nonlinear dynamics in fiber optics. Optics Express, 2021, 29, 44080.	1.7	11
106	The Longitudinal Force Measurement of CWR Tracks with Hetero-Cladding FBG Sensors: A Proof of Concept. Sensors, 2016, 16, 2184.	2.1	10
107	Stokes Space Modulation Format Identification for Optical Signals Using Probabilistic Neural Network. IEEE Photonics Journal, 2018, 10, 1-13.	1.0	10
108	Polarization-Insensitive and Tunable Silicon Mach–Zehnder Wavelength Filters With Flat Transmission Passband. IEEE Photonics Journal, 2018, 10, 1-7.	1.0	10

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109	Parity-Time Symmetric Optoelectronic Oscillator Based on an Integrated Mode-Locked Laser. IEEE Journal of Quantum Electronics, 2021, 57, 1-9.	1.0	10
110	Blind optical modulation format identification assisted by signal intensity fluctuation for autonomous digital coherent receivers. Optics Express, 2020, 28, 302.	1.7	10
111	Optically functionalized microfiber Bragg grating for RH sensing. Optics Letters, 2019, 44, 4646.	1.7	10
112	Low-Complexity Adaptive Frequency-Domain Nonlinear Equalization for Analog RoF Mobile Fronthaul Using FFT/IFFT-Assisted Channel Aggregation. Journal of Lightwave Technology, 2022, 40, 1072-1082.	2.7	10
113	Fading-Free Î¦-OTDR With Multi-Frequency Decomposition. IEEE Sensors Journal, 2022, 22, 2160-2166.	2.4	10
114	Dispersion-Induced-Loss-Independent Photonic Instantaneous Frequency Measurement Using Remote-Fiber-Based Tunable Microwave Filter. IEEE Photonics Technology Letters, 2010, 22, 1090-1092.	1.3	9
115	A Fuzzy-Gossip routing protocol for an energy efficient wireless sensor networks. , 2012, , .		9
116	One-to-Nine Multicasting of RZ-DPSK Based on Cascaded Four-Wave Mixing in a Highly Nonlinear Fiber Without Stimulated Brillouin Scattering Suppression. IEEE Photonics Technology Letters, 2012, 24, 1882-1885.	1.3	9
117	Low-Complexity and Adaptive Nonlinearity Estimation Module Based on Godard's Error. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	9
118	Photonic generation of RF binary digitally modulated signals. Optics Express, 2017, 25, 19043.	1.7	9
119	Proposal and Demonstration of Subcarrier Index Modulation OFDM for RoF System With Enhanced Spectral Efficiency. Journal of Lightwave Technology, 2018, 36, 4501-4506.	2.7	9
120	Superresolution Focusing Using Metasurface with Circularly Arranged Nanoantennas. Plasmonics, 2018, 13, 147-153.	1.8	9
121	Photonic-Assisted Intrapulse Parameters Measurement of Complex Microwave Signals. Journal of Lightwave Technology, 2018, 36, 3633-3644.	2.7	9
122	A $2q$-Order Difference-Set Approach to Eliminate Phase Ambiguity of a Single-Frequency Signal. IEEE Signal Processing Letters, 2019, 26, 1526-1530.	2.1	9
123	Photonic Generation of Multilevel Frequency-Hopping Microwave Signal. IEEE Photonics Journal, 2019, 11, 1-7.	1.0	9
124	A WDM-PON compatible wavelength-reused bidirectional in-band full-duplex radio-over-fiber system. Optics Communications, 2020, 463, 125408.	1.0	9
125	Instability of optical phase synchronization between chaotic semiconductor lasers. Optics Letters, 2021, 46, 2824.	1.7	9
126	Hybrid aperiodic coding for SNR improvement in a BOTDA fiber sensor. Optics Express, 2021, 29, 33926.	1.7	9

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127	A High Spectral Efficiency Radio Over Fiber Link Based on Coherent Detection and Digital Phase Noise Cancellation. Journal of Lightwave Technology, 2021, 39, 6443-6449.	2.7	9
128	Ultracompact silicon polarization splitter-rotator using a dual-etched and tapered coupler. Applied Optics, 2020, 59, 9540.	0.9	9
129	Simultaneous demultiplexing of 2 Ã— PDM-PAM4 signals using simplified receiver. Optics Express, 2019, 27, 1869.	1.7	9
130	Two-Dimensional Power Allocation for Optical MIMO-OFDM Systems Over Low-Pass Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 7244-7257.	3.9	9
131	Generation and Distribution of 1.25 Gb/s Ultrawideband Doublet Pulses Based on the Combination of Nonlinear Polarization Rotation and Parametric Amplification. Journal of Lightwave Technology, 2011, 29, 931-938.	2.7	8
132	Photonic Generation of Multicarrier Phase-Coded Microwave Signals Utilizing Polarization Manipulation. IEEE Photonics Journal, 2018, 10, 1-8.	1.0	8
133	A modified artificial bee colony algorithm for load balancing in network-coding-based multicast. Soft Computing, 2019, 23, 6287-6305.	2.1	8
134	Wideband Frequency-Tunable Parity-Time Symmetric Optoelectronic Oscillator Based on Hybrid Phase and Intensity Modulations. Journal of Lightwave Technology, 2020, 38, 5406-5411.	2.7	8
135	Multipoint stable radio frequency long distance transmission over fiber based on tree topology, with user fairness and deployment flexibility. Optics Express, 2020, 28, 23874.	1.7	8
136	Intelligent Optical Performance Monitoring Based on Intensity and Differential-Phase Features for Digital Coherent Receivers. Journal of Lightwave Technology, 2022, 40, 3592-3601.	2.7	8
137	A Compact Printed Quadruple Band-Notched UWB Antenna. International Journal of Antennas and Propagation, 2013, 2013, 1-6.	0.7	7
138	Coherent BOTDA Sensor With Single-Sideband Modulated Probe Light. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	7
139	Polarization-Insensitive and Broadband Optical Power Splitter With a Tunable Power Splitting Ratio. IEEE Photonics Journal, 2017, 9, 1-9.	1.0	7
140	Phase Fluctuation Cancellation for Uplink Radar Arrays Based on Passive Frequency Mixing. IEEE Photonics Journal, 2018, 10, 1-7.	1.0	7
141	Fast Tunable Photonic Single-Bandpass RF Filter With Multiple Arbitrary Switching Flat-Top Passbands. Journal of Lightwave Technology, 2018, 36, 4583-4590.	2.7	7
142	Wideband and Ambiguous-Free RF Channelizer Assisted Jointly by Spacing and Profile of Optical Frequency Comb. IEEE Photonics Journal, 2020, 12, 1-11.	1.0	7
143	Performance Upgradation of Microwave Photonic Filtering Interrogation Using Gaussian Process Regression. Journal of Lightwave Technology, 2021, 39, 7682-7688.	2.7	7
144	Photonic generation of microwave signals with tunabilities. Science Bulletin, 2014, 59, 2672-2683.	1.7	6

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145	Optimizing chaos time-delay signature in two mutually-coupled semiconductor lasers through controlling internal parameters. Modern Physics Letters B, 2017, 31, 1750106.	1.0	6
146	Multiple-Channel Plasmonic Filter Based on Metal-Insulator-Metal Waveguide and Fractal Theory. Plasmonics, 2017, 12, 1589-1594.	1.8	6
147	A joint fairness-aware and fragmentation-reduction spectrum allocation scheme in elastic optical networks. , 2017, , .		6
148	Robust and Blind Modulation Format Identification for Elastic Optical Networks. , 2018, , .		6
149	Photonic-Assisted Multipath Self-Interference Cancellation for Wideband MIMO Radio-Over-Fiber Transmission. Journal of Lightwave Technology, 2022, 40, 462-469.	2.7	6
150	Distributed dynamic strain sensing in coherent Î¦-OTDR with a pulse conversion algorithm. Optics Letters, 2021, 46, 1668.	1.7	6
151	Overcoming EDFA slow transient effect in a Golay-coded BOTDA sensor by a distributed depletion mapping method. Optics Express, 2021, 29, 27340.	1.7	6
152	Polarization push-pull effect-based gain fluctuation elimination in Golay-BOTDA. Optics Express, 2019, 27, 29439.	1.7	6
153	Band-Rejection Feedback for Chaotic Time-Delay Signature Suppression in a Semiconductor Laser. IEEE Photonics Journal, 2022, 14, 1-8.	1.0	6
154	A Transmission Model of Analog Signals in Photonic Links. IEEE Photonics Journal, 2014, 6, 1-13.	1.0	5
155	Concealment of Chaos Time-Delay Signature Through Phase-Conjugate Feedback and Chaos Optical Injection. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	5
156	Tunable microwave photonic duplexer for full-duplex radio-over-fiber access. Optics Express, 2017, 25, 4145.	1.7	5
157	Photonic Approach for Generation and Fast Switching of Binary Digitally Modulated RF Signals. IEEE Photonics Journal, 2020, 12, 1-8.	1.0	5
158	Phase fluctuation cancellation for coherent-detection BOTDA fiber sensors based on optical subcarrier multiplexing. Optics Letters, 2021, 46, 757.	1.7	5
159	Integrated Components and Solutions for High-Speed Short-Reach Data Transmission. Photonics, 2021, 8, 77.	0.9	5
160	Dynamic strain measurement based on ultrafast Brillouin collision in the correlation domain. Optics Letters, 2021, 46, 3488.	1.7	5
161	Overcoming EDFA slow transient effects in a combined Golay coding and coherent detection BOTDA sensor. Optics Express, 2019, 27, 38220.	1.7	5
162	Common-injection-induced isolated desynchronization in delay-coupled VCSELs networks with variable-polarization optical feedback. Optics Letters, 2019, 44, 3845.	1.7	5

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163	Microwave photonic link to transmit four microwave vector signals on a single optical carrier based on coherent detection and digital signal processing. Optics Express, 2022, 30, 6690.	1.7	5
164	Quadrupling Optical Delay Range Using Polarization Properties. IEEE Photonics Technology Letters, 2008, 20, 1775-1777.	1.3	4
165	Generation of Repetition-Rate-Quadrupled Optical Pulse Trains Using a PolM or a Pair of PolMs. IEEE Journal of Quantum Electronics, 2012, 48, 3-7.	1.0	4
166	Tunable Microwave Photonic Temporal Signal Processor: Differentiator and Integrator. IEEE Photonics Technology Letters, 2013, 25, 2358-2361.	1.3	4
167	Enhanced performance in coherent BOTDA sensor with reduced effect of chromatic dispersion. Optics Express, 2015, 23, 30483.	1.7	4
168	Enhanced Doppler frequency shift measurement and direction discrimination using photonic i/Q detection. , 2015, , .		4
169	Polarization-Insensitive and Receiver-Sensitivity-Gain Format Conversion for PDM Signals Based on Dual-Orthogonal-Pump Four-Wave Mixing in Highly Nonlinear Fiber. IEEE Photonics Journal, 2015, 7, 1-6.	1.0	4
170	Multichannel Narrow, Flat-Top Optical Filters Based on Multiple-Phase-Shifted and Phase Sampled FBG. IEEE Journal of Quantum Electronics, 2017, 53, 1-5.	1.0	4
171	Simplified demultiplexing scheme for two PDM-IM/DD systems utilizing a single Stokes analyzer over 25-km SMF. Optics Letters, 2017, 42, 4071.	1.7	4
172	Through-Fiber Drawing of Microwires: An Online Photonic Bridge. Journal of Lightwave Technology, 2018, 36, 5556-5561.	2.7	4
173	Fiber-Optic Viscometer With All-Fiber Acousto-Optic Superlattice Modulated Structure. Journal of Lightwave Technology, 2018, 36, 4123-4128.	2.7	4
174	OSNR Monitoring Using Support Vector Ordinal Regression for Digital Coherent Receivers. IEEE Photonics Journal, 2019, 11, 1-11.	1.0	4
175	Stable Radio Frequency Transmission of Single Optical Source Over Fiber Based on Passive Phase Compensation. IEEE Photonics Journal, 2021, 13, 1-7.	1.0	4
176	Improving spectral efficiency of digital radio-over-fiber transmission using two-dimensional discrete cosine transform with vector quantization. Optics Express, 2021, 29, 25868.	1.7	4
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