Xihua Zou

List of Publications by Year
in descending order

191	3,965	117625	149698
papers	citations	34 h-index	56 g-index

193	193	193	1986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photonic-Assisted Multipath Self-Interference Cancellation for Wideband MIMO Radio-Over-Fiber Transmission. Journal of Lightwave Technology, 2022, 40, 462-469.	4.6	6
2	Independently Synchronizable Groups in Networks of Delay-Coupled Semiconductor Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-6.	2.9	4
3	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.	4.6	10
4	Photonic Millimeter-Wave Joint Radar Communication System Using Spectrum-Spreading Phase-Coding. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1552-1561.	4.6	30
5	Fading-Free Î¦-OTDR With Multi-Frequency Decomposition. IEEE Sensors Journal, 2022, 22, 2160-2166.	4.7	10
6	Compact RSFQ microwave pulse generator based on an integrated RF module for controlling superconducting qubits. Applied Physics Letters, 2022, 120, .	3.3	6
7	Optical frequency comb assisted denoising for multiple access and capacity enhancement of covert wireless communication. Optics Letters, 2022, 47, 1442.	3.3	3
8	Two-Dimensional Power Allocation for Optical MIMO-OFDM Systems Over Low-Pass Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 7244-7257.	6.3	9
9	Band-Rejection Feedback for Chaotic Time-Delay Signature Suppression in a Semiconductor Laser. IEEE Photonics Journal, 2022, 14, 1-8.	2.0	6
10	Processing-Speed Enhancement in a Delay-Laser-Based Reservoir Computer by Optical Injection. Photonics, 2022, 9, 240.	2.0	4
11	Modeling pulse propagation in fiber optical parametric amplifier by a long short-term memory network. Optik, 2022, 260, 169125.	2.9	3
12	Isochronous synchronization induced by topological heterogeneity in semiconductor laser networks. Optics and Laser Technology, 2022, 153, 108243.	4.6	0
13	Photonic-Assisted Modulation Format Identification for RF Signals under Low Sampling Rate. Journal of Lightwave Technology, 2022, 40, 6823-6830.	4.6	1
14	Millimeter-wave joint radar and communication system based on photonic frequency-multiplying constant envelope LFM-OFDM. Optics Express, 2022, 30, 26407.	3.4	18
15	Incoherent Rayleigh scattering noise depression for single laser stable radio frequency transmission. IEEE Photonics Technology Letters, 2022, , 1-1.	2.5	0
16	High-performance ultra-compact polarization splitter-rotators based on dual-etching and tapered asymmetrical directional coupler. Chinese Optics Letters, 2021, 19, 121301.	2.9	3
17	Performance Upgradation of Microwave Photonic Filtering Interrogation Using Gaussian Process Regression. Journal of Lightwave Technology, 2021, 39, 7682-7688.	4.6	7
18	Fast Self-Adaptive Generic Digital Linearization for Analog Microwave Photonic Systems. Journal of Lightwave Technology, 2021, 39, 7894-7907.	4.6	2

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19	Stable Radio Frequency Transmission of Single Optical Source Over Fiber Based on Passive Phase Compensation. IEEE Photonics Journal, 2021, 13, 1-7.	2.0	4
20	Ultrafast and Accurate Temperature Extraction via Kernel Extreme Learning Machine for BOTDA Sensors. Journal of Lightwave Technology, 2021, 39, 1537-1543.	4.6	13
21	Distributed dynamic strain sensing in coherent Î¦-OTDR with a pulse conversion algorithm. Optics Letters, 2021, 46, 1668.	3.3	6
22	Parity-Time Symmetric Optoelectronic Oscillator Based on an Integrated Mode-Locked Laser. IEEE Journal of Quantum Electronics, 2021, 57, 1-9.	1.9	10
23	Covert wireless communication using massive optical comb channels for deep denoising. Photonics Research, 2021, 9, 1124.	7.0	13
24	Recent progress of integrated circuits and optoelectronic chips. Science China Information Sciences, 2021, 64, 1.	4.3	56
25	Photonic arbitrary waveform generation based on the temporal Talbot effect. Optics Express, 2021, 29, 16927.	3.4	5
26	Improving spectral efficiency of digital radio-over-fiber transmission using two-dimensional discrete cosine transform with vector quantization. Optics Express, 2021, 29, 25868.	3.4	4
27	Temperature-insensitive curvature sensor based on Bragg gratings written in strongly coupled multicore fiber. Optics Letters, 2021, 46, 3933.	3.3	12
28	Digitally Programmable Optical Frequency Combs With Binary Phase Distribution and Flat Envelope. IEEE Photonics Technology Letters, 2021, 33, 792-795.	2.5	0
29	Optoelectronic oscillator for 5G wireless networks and beyond. Journal Physics D: Applied Physics, 2021, 54, 423002.	2.8	12
30	RoF distributed antenna architectureâ€“ and reinforcement learningâ€“empowered real-time EMI immunity for highly reliable railway communication. Optics Express, 2021, 29, 32333.	3.4	3
31	60-GHz photonic millimeter-wave joint radar-communication system. , 2021, , .		3
32	Deep learning based pulse prediction of nonlinear dynamics in fiber optics. Optics Express, 2021, 29, 44080.	3.4	11
33	Fine Tunable PT-Symmetric Optoelectronic Oscillator Based on Laser Wavelength Tuning. IEEE Photonics Technology Letters, 2020, 32, 47-50.	2.5	20
34	Photonic-Assisted Leakage Cancellation for Wideband Frequency Modulation Continuous-Wave Radar Transceiver. Journal of Lightwave Technology, 2020, 38, 1178-1183.	4.6	18
35	Strongly coupled multicore fiber with FBGs for multipoint and multiparameter sensing. Optical Fiber Technology, 2020, 58, 102315.	2.7	5
36	Photonic Approach for Generation and Fast Switching of Binary Digitally Modulated RF Signals. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	5

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37	Multi-Antenna GNSS-Over-Fiber Architecture for Extensive Remote Multi-Baseline Network. IEEE Photonics Journal, 2020, 12, 1-10.	2.0	1
38	Wideband Frequency-Tunable Parity-Time Symmetric Optoelectronic Oscillator Based on Hybrid Phase and Intensity Modulations. Journal of Lightwave Technology, 2020, 38, 5406-5411.	4.6	8
39	Phase Demodulation Based on DCM Algorithm in Î¦-OTDR With Self-Interference Balance Detection. IEEE Photonics Technology Letters, 2020, 32, 473-476.	2.5	27
40	Four-Element Array for GNSS Attitude Determination Using IRLS: An Improved Rounding of Long-Short Baseline Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 4920-4934.	6.3	6
41	A WDM-PON compatible wavelength-reused bidirectional in-band full-duplex radio-over-fiber system. Optics Communications, 2020, 463, 125408.	2.1	9
42	Wideband and Ambiguous-Free RF Channelizer Assisted Jointly by Spacing and Profile of Optical Frequency Comb. IEEE Photonics Journal, 2020, 12, 1-11.	2.0	7
43	Ultracompact silicon polarization splitter-rotator using a dual-etched and tapered coupler. Applied Optics, 2020, 59, 9540.	1.8	9
44	Stable period-one oscillations in a semiconductor laser under optical feedback from a narrowband fiber Bragg grating. Optics Express, 2020, 28, 21286.	3.4	12
45	Ultracompact silicon polarization splitter-rotator using dual-etched and tapered coupler: publisherâ€™s note. Applied Optics, 2020, 59, 11273.	1.8	0
46	Angled fiber-based Fabryâ€“Perot interferometer. Optics Letters, 2020, 45, 292.	3.3	7
47	Temperature-insensitive 2D tilt sensor based on a multifiber bundle. , 2020, , .		1
48	Multi-octave linearized off-quadrature biased MZM analog optical link using blind digital linearization. , 2020, , .		0
49	Multipoint stable radio frequency long distance transmission over fiber based on tree topology, with user fairness and deployment flexibility. Optics Express, 2020, 28, 23874.	3.4	8
50	Widely tunable parity-time symmetric optoelectronic oscillator based on a polarization modulator. , 2019, , .		3
51	A $2q$-Order Difference-Set Approach to Eliminate Phase Ambiguity of a Single-Frequency Signal. IEEE Signal Processing Letters, 2019, 26, 1526-1530.	3.6	9
52	Angle-of-Arrival Estimation of Microwave Signals Based on Optical Phase Scanning. Journal of Lightwave Technology, 2019, 37, 6048-6053.	4.6	23
53	High-Resolution Range and Velocity Measurement Based on Photonic LFM Microwave Signal Generation and Detection. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	21
54	Multi-IF-Over-Fiber Based Mobile Fronthaul With Blind Linearization and Flexible Dispersion Induced Bandwidth Penalty Mitigation. Journal of Lightwave Technology, 2019, 37, 1424-1433.	4.6	23

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55	Integrated Microwave Photonics: A Multifunctional Photonic Integrated Circuit for Diverse Microwave Signal Generation, Transmission, and Processing (Laser Photonics Rev. 13(6)/2019). Laser and Photonics Reviews, 2019, 13, 1970027.	8.7	8
56	A Multifunctional Photonic Integrated Circuit for Diverse Microwave Signal Generation, Transmission, and Processing. Laser and Photonics Reviews, 2019, 13, 1800240.	8.7	42
57	Cluster Synchronization of Coupled Semiconductor Lasers Network With Complex Topology. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	13
58	Light-Induced Waveguide With Directional Transmission. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	1
59	Improving Performance of Digital Mobile Fronthaul Employing 2-D Vector Quantization With Vector Linear Prediction. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	3
60	Photonic Generation of Multilevel Frequency-Hopping Microwave Signal. IEEE Photonics Journal, 2019, 11, 1-7.	2.0	9
61	Bandwidth-efficient subcarrier multiplexing radio-over-fiber system based on independent-sideband modulation. , 2019, , .		0
62	Photonics-assisted direction-of-arrival estimation of electromagnetic interference for GSM-R system in high-speed railways. Optical Engineering, 2019, 58, 1.	1.0	2
63	Photonic approach for simultaneous measurements of Doppler-frequency-shift and angle-of-arrival of microwave signals. Optics Express, 2019, 27, 8709.	3.4	41
64	Isochronous cluster synchronization in delay-coupled VCSEL networks subjected to variable-polarization optical injection with time delay signature suppression. Optics Express, 2019, 27, 33369.	3.4	12
65	Low-loss broadband 5â€‰â€‰Ã—â€‰â€‰5 non-blocking Si₃N₄ optical switch matrix. Optics Letters, 2019, 44, 2629.	3.3	19
66	Optically functionalized microfiber Bragg grating for RH sensing. Optics Letters, 2019, 44, 4646.	3.3	10
67	Temperature-insensitive optical tilt sensor based on a single eccentric-core fiber Bragg grating. Optics Letters, 2019, 44, 5570.	3.3	19
68	Common-injection-induced isolated desynchronization in delay-coupled VCSELs networks with variable-polarization optical feedback. Optics Letters, 2019, 44, 3845.	3.3	5
69	Non-iterative blind linearization algorithm for DML-based multi-IF-over-fiber mobile fronthaul systems. Optics Letters, 2019, 44, 3901.	3.3	4
70	Extended long-short ambiguity resolution in multi-antenna GNSS-over-fiber systems for enhanced attitude determination. Optics Express, 2019, 27, 34721.	3.4	2
71	Photonic Generation of Microwave Frequency Shift Keying Signal Using a Polarization Maintaining FBG. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	14
72	An Explicit Non-Malleable Extraction Scheme for Quantum Randomness Amplification With Two Untrusted Devices. IEEE Communications Letters, 2018, 22, 85-88.	4.1	2

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73	Proposal and Demonstration of Subcarrier Index Modulation OFDM for RoF System With Enhanced Spectral Efficiency. Journal of Lightwave Technology, 2018, 36, 4501-4506.	4.6	9
74	Arbitrary Spectral Synthesis and Waveform Generation With HiBi Fiber Loop Mirrors. IEEE Photonics Technology Letters, 2018, 30, 943-946.	2.5	1
75	Microwave Photonics for Featured Applications in High-Speed Railways: Communications, Detection, and Sensing. Journal of Lightwave Technology, 2018, 36, 4337-4346.	4.6	78
76	Through-Fiber Drawing of Microwires: An Online Photonic Bridge. Journal of Lightwave Technology, 2018, 36, 5556-5561.	4.6	4
77	Vector linear prediction based two-dimensional quantization for digitized radio-over-fiber system. , 2018, , .		1
78	Photonic Generation of Multicarrier Phase-Coded Microwave Signals Utilizing Polarization Manipulation. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	8
79	2-D quantization scheme utilizing SOFM neural network clustering for a DRoF system. Optics Letters, 2018, 43, 4663.	3.3	12
80	Guest Editorial: Microwave Photonics. Journal of Lightwave Technology, 2018, 36, 4216-4218.	4.6	0
81	Fast Tunable Photonic Single-Bandpass RF Filter With Multiple Arbitrary Switching Flat-Top Passbands. Journal of Lightwave Technology, 2018, 36, 4583-4590.	4.6	7
82	Photonic-Assisted Intrapulse Parameters Measurement of Complex Microwave Signals. Journal of Lightwave Technology, 2018, 36, 3633-3644.	4.6	9
83	Ultra-high speed RF filtering switch based on stimulated Brillouin scattering. Optics Letters, 2018, 43, 279.	3.3	21
84	Fully digital programmable optical frequency comb generation and application. Optics Letters, 2018, 43, 283.	3.3	50
85	Fiber-Optic Viscometer With All-Fiber Acousto-Optic Superlattice Modulated Structure. Journal of Lightwave Technology, 2018, 36, 4123-4128.	4.6	4
86	Enhanced phase-sensitive OTDR system with pulse width modulation Brillouin amplification. Optics Express, 2018, 26, 23714.	3.4	14
87	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.	3.4	13
88	Optimizing chaos time-delay signature in two mutually-coupled semiconductor lasers through controlling internal parameters. Modern Physics Letters B, 2017, 31, 1750106.	1.9	6
89	Image-Free Microwave Photonic Down-Conversion Approach for Fiber-Optic Antenna Remoting. IEEE Journal of Quantum Electronics, 2017, 53, 1-8.	1.9	19
90	SNR Enhancement in Phase-Sensitive OTDR with Adaptive 2-D Bilateral Filtering Algorithm. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	64

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91	Polarization-Insensitive and Broadband Optical Power Splitter With a Tunable Power Splitting Ratio. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	7
92	Tunable Photonic Radio-Frequency Filter With a Record High Out-of-Band Rejection. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4502-4512.	4.6	24
93	Multichannel Narrow, Flat-Top Optical Filters Based on Multiple-Phase-Shifted and Phase Sampled FBG. IEEE Journal of Quantum Electronics, 2017, 53, 1-5.	1.9	4
94	Multiple-Channel Plasmonic Filter Based on Metal-Insulator-Metal Waveguide and Fractal Theory. Plasmonics, 2017, 12, 1589-1594.	3.4	6
95	Simultaneous transmission of frequency-doubling vector signal and low-radiofrequency signal over RoF link free of inter-band beating interferences. , 2017, , .		2
96	Proposal and demonstration of SIM-OFDM based radio-over-fiber system. , 2017, , .		1
97	Phase-shift assisted OFDM-RoF transmission employing optical heterodyning. , 2017, , .		1
98	Broadband optical multi-Tx & multi-Rx module for radio-over-fiber system and traffic demonstration. , 2017, , .		0
99	Concealment of Chaos Time-Delay Signature Through Phase-Conjugate Feedback and Chaos Optical Injection. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	5
100	Tunable microwave photonic duplexer for full-duplex radio-over-fiber access. Optics Express, 2017, 25, 4145.	3.4	5
101	Simplified demultiplexing scheme for two PDM-IM/DD systems utilizing a single Stokes analyzer over 25-km SMF. Optics Letters, 2017, 42, 4071.	3.3	4
102	Tunable photonic radiofrequency filter with complementary bandpass and bandstop responses. Optics Letters, 2017, 42, 3129.	3.3	3
103	Chirped fiber tip Fabryâ€“Perot interferometer. Optics Letters, 2017, 42, 3474.	3.3	12
104	Self-Mixing Demodulation for Coherent Phase-Sensitive OTDR System. Sensors, 2016, 16, 681.	3.8	36
105	Optical Fiber Temperature and Torsion Sensor Based on Lyot-Sagnac Interferometer. Sensors, 2016, 16, 1774.	3.8	29
106	Photonic-assisted chirped microwave pulses generation with a flexible and fine parameter manipulation. Optics Express, 2016, 24, 19592.	3.4	1
107	Pulse repetition rate doubling in FM actively mode-locked fiber-optic parametric oscillator. Optics Express, 2016, 24, 30079.	3.4	1
108	Wideband Microwave Doppler Frequency Shift Measurement and Direction Discrimination Using Photonic I/Q Detection. Journal of Lightwave Technology, 2016, 34, 4639-4645.	4.6	36

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109	Simplified photonic-assisted digitalized microwave frequency measurement with improved coding efficiency and sensitivity. Optics Communications, 2016, 373, 105-109.	2.1	1
110	Transmission of three-polarization-multiplexed 25-Gb/s DPSK signals over 300-km fiber link. Optics Letters, 2016, 41, 1620.	3.3	8
111	Photonics for microwave measurements. Laser and Photonics Reviews, 2016, 10, 711-734.	8.7	261
112	Enhanced performance for differential detection in coherent Brillouin optical time-domain analysis sensors. Optical Engineering, 2016, 55, 117101.	1.0	1
113	E-Band 76-GHz Coherent RoF Backhaul Link Using an Integrated Photonic Mixer. Journal of Lightwave Technology, 2016, 34, 4744-4750.	4.6	16
114	Multiple vibrations measurement using phase-sensitive OTDR merged with Mach-Zehnder interferometer based on frequency division multiplexing. Optics Express, 2016, 24, 4842.	3.4	48
115	Optoelectronic Oscillators (OEOs) to Sensing, Measurement, and Detection. IEEE Journal of Quantum Electronics, 2016, 52, 1-16.	1.9	120
116	Single-passband microwave photonic filter with ultra-high out-of-band rejection ratio. , 2016, , .		0
117	All-optical processing to optical and radio frequency (RF) signals. Science Bulletin, 2015, 60, 2151-2153.	9.0	2
118	High-Efficiency Photonic Microwave Downconversion With Full-Frequency-Range Coverage. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	14
119	Investigation on electromagnetic environment of radio-over-fiber-based broadband wireless access scheme in aircraft cabin. Journal of Electromagnetic Waves and Applications, 2015, 29, 1767-1775.	1.6	2
120	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.	4.6	58
121	Adaptive linearized microwave downconversion utilizing a single dual-electrode Machâ€“Zehnder modulator. Optics Letters, 2015, 40, 2649.	3.3	13
122	Wideband Doppler frequency shift measurement and direction ambiguity resolution using optical frequency shift and optical heterodyning. Optics Letters, 2015, 40, 2321.	3.3	48
123	Flexible microwave signal generation with frequency multiplication based on tunable OEO and SBS-assisted notch filter. , 2015, , .		0
124	Photonic approach to microwave frequency measurement under large-signal modulation. , 2015, , .		0
125	Sensitivity-enhanced temperature sensor with cascaded fiber optic Sagnac interferometers based on Vernier-effect. Optics Communications, 2015, 336, 73-76.	2.1	197
126	Dispersion Compensation in Analog Photonic Link Utilizing a Phase Modulator. Journal of Lightwave Technology, 2014, 32, 4642-4647.	4.6	13

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127	Photonic quaternary phase-shift keying signal generation at the millimeter-wave frequency band. , 2014, , .		0
128	A Transmission Model of Analog Signals in Photonic Links. IEEE Photonics Journal, 2014, 6, 1-13.	2.0	5
129	Influence of statistical distribution properties on ultrafast random-number generation using chaotic semiconductor lasers. Optik, 2014, 125, 3555-3558.	2.9	5
130	Plasmonic Filter Using Metal-Insulator-Metal Waveguide with Phase Shifts and its Transmission Characteristics. Plasmonics, 2014, 9, 887-892.	3.4	14
131	Optical length change measurement via RF frequency shift analysis of incoherent light source based optoelectronic oscillator. Optics Express, 2014, 22, 11129.	3.4	78
132	Enhanced chaos synchronization and communication in cascade-coupled semiconductor ring lasers. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1874-1883.	3.3	60
133	Investigation on Tunable Modulation Index in the Polarization-Modulator-Based Optoelectronic Oscillator. IEEE Journal of Quantum Electronics, 2014, 50, 68-73.	1.9	59
134	Spurious Noises Analysis of Microwave Photonic Filters Based on Phase Modulation to Intensity Modulation Conversion Using an Optical Notch Filter. Journal of Lightwave Technology, 2014, 32, 3846-3853.	4.6	0
135	Photonic Generation of Triangular-Shaped Microwave Pulses Using SBS-Based Optical Carrier Processing. Journal of Lightwave Technology, 2014, 32, 3797-3802.	4.6	49
136	Synthesis of Fiber Bragg Gratings With Arbitrary Stationary Power/Field Distribution. IEEE Journal of Quantum Electronics, 2014, 50, 186-197.	1.9	3
137	Photonic generation of microwave signals with tunabilities. Science Bulletin, 2014, 59, 2672-2683.	1.7	6
138	Photonic Frequency Measurement and Signal Separation for Pulsed/CW Microwave Signals. IEEE Photonics Technology Letters, 2013, 25, 500-503.	2.5	21
139	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.	4.6	83
140	Enhanced Two-Channel Optical Chaotic Communication Using Isochronous Synchronization. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 0600109-0600109.	2.9	31
141	High-Spectral-Efficiency Photonic Frequency Down-Conversion Using Optical Frequency Comb and SSB Modulation. IEEE Photonics Journal, 2013, 5, 7200307-7200307.	2.0	17
142	Bandwidth and unpredictability properties of semiconductor ring lasers with chaotic optical injection. Optics and Laser Technology, 2013, 53, 45-50.	4.6	10
143	Duplex chaotic message tranmission using polarization mode carriers in small networks of three chaotic vertical-cavity surface-emitting lasers. , 2013, , .		0
144	A photonic frequency downconverter based on a single dual-drive Mach-Zehnder modulator. , 2013, , .		21

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145	Capability Limitations for Slow Light Using Vertical-Cavity Surface-Emitting Laser Amplifier. IEEE Photonics Technology Letters, 2013, 25, 903-906.	2.5	0
146	Photonic Microwave Frequency Measurement With High-Coding-Efficiency Digital Outputs and Large Measurement Range. IEEE Photonics Journal, 2013, 5, 5501906-5501906.	2.0	5
147	Frequency-Doubling Optoelectronic Oscillator Using DSB-SC Modulation and Carrier Recovery Based on Stimulated Brillouin Scattering. IEEE Photonics Journal, 2013, 5, 6600606-6600606.	2.0	18
148	Photonic Microwave Channelizer with Improved Channel Characteristics Based on Spectrum-Controlled Stimulated Brillouin Scattering. , 2013, , .		0
149	High-uniformity multichannel plasmonic filter using linearly lengthened insulators in metalâ€“insulatorâ€“metal waveguide. Optics Letters, 2013, 38, 1585.	3.3	42
150	SFDR enhancement in analog photonic links by simultaneous compensation for dispersion and nonlinearity. Optics Express, 2013, 21, 20999.	3.4	63
151	All-fiber optical filter with an ultranarrow and rectangular spectral response. Optics Letters, 2013, 38, 3096.	3.3	48
152	Actively mode-locked fiber optical parametric oscillator based on feedback idler. , 2013, , .		0
153	Tropospheric error correction in passive location systems based distributed fiber sensor array. , 2013, , .		0
154	Tunable Microwave Photonic Temporal Signal Processor: Differentiator and Integrator. IEEE Photonics Technology Letters, 2013, 25, 2358-2361.	2.5	4
155	A reconfigurable optoelectronic oscillator based on cascaded coherence-controllable recirculating delay lines. Optics Express, 2012, 20, 13296.	3.4	81
156	Frequency-doubling optoelectronic oscillator using carrier suppression and Brillouin-gain-assisted carrier recovery. , 2012, , .		0
157	Wavelength Demodulation Approach Based on Dispersion-Induced Microwave Power Fading for Optical Sensor. IEEE Sensors Journal, 2012, 12, 1267-1271.	4.7	2
158	Photonic Generation of Microwave Phase-Coded Signals Based on Frequency-to-Time Conversion. IEEE Photonics Technology Letters, 2012, 24, 1527-1529.	2.5	23
159	Photonic approach to the measurement of time-difference-of-arrival and angle-of-arrival of a microwave signal. Optics Letters, 2012, 37, 755.	3.3	61
160	High Bit Rate Fiber-Optic Transmission Using a Four-Chaotic-Semiconductor-Laser Scheme. IEEE Photonics Technology Letters, 2012, 24, 1072-1074.	2.5	15
161	Enhanced chaotic communication in VCSELs with variable-polarization optical feedback and polarization-preserved optical injection. Optics Communications, 2012, 285, 5293-5301.	2.1	8
162	Loss of Time Delay Signature in Broadband Cascade-Coupled Semiconductor Lasers. IEEE Photonics Technology Letters, 2012, 24, 2187-2190.	2.5	56

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163	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.	1.9	45
164	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.	2.5	19
165	Numerical characterization of time delay signature in chaotic vertical-cavity surface-emitting lasers with optical feedback. Optics Communications, 2012, 285, 3837-3848.	2.1	14
166	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.	1.9	4
167	Photonic approach to microwave frequency measurement with digital circular-code results. Optics Express, 2011, 19, 20580.	3.4	10
168	Influence of polarization mode competition on chaotic unpredictability of vertical-cavity surface-emitting lasers with polarization-rotated optical feedback. Optics Letters, 2011, 36, 310.	3.3	26
169	Photonic generation of triangular-shaped pulses based on frequency-to-time conversion. Optics Letters, 2011, 36, 1458.	3.3	115
170	Impact of unpredictability on chaos synchronization of vertical-cavity surface-emitting lasers with variable-polarization optical feedback. Optics Letters, 2011, 36, 3497.	3.3	15
171	Conceal time-delay signature of chaotic vertical-cavity surface-emitting lasers by variable-polarization optical feedback. Optics Communications, 2011, 284, 5758-5765.	2.1	38
172	Photonic Instantaneous Frequency Measurement Using a Single Laser Source and Two Quadrature Optical Filters. IEEE Photonics Technology Letters, 2011, 23, 39-41.	2.5	16
173	Photonic approach with multiple FSRs for instantaneous frequency measurement. , 2011, , .		0
174	Instantaneous Frequency Measurement with Digital Outputs Based on An Optical Filter Array. , 2011, , .		1
175	Optical pulse compression using the combination of phase modulation and high-order dispersion compensation. Optical Review, 2010, 17, 454-458.	2.0	2
176	Generation of repetitionâ€rateâ€doubled returnâ€toâ€zero pulse train using phase modulator and chirped fiber bragg grating. Microwave and Optical Technology Letters, 2010, 52, 2796-2798.	1.4	0
177	Multiaccess Optical Chaos Communication Using Mutually Coupled Semiconductor Lasers Subjected to Identical External Injections. IEEE Photonics Technology Letters, 2010, 22, 676-678.	2.5	19
178	Dispersion-Induced-Loss-Independent Photonic Instantaneous Frequency Measurement Using Remote-Fiber-Based Tunable Microwave Filter. IEEE Photonics Technology Letters, 2010, 22, 1090-1092.	2.5	9
179	Photonic approach for multiple-frequency-component measurement using spectrally sliced incoherent source. Optics Letters, 2010, 35, 438.	3.3	87
180	Two-dimensionally tunable microwave signal generation based on optical frequency-to-time conversion. Optics Letters, 2010, 35, 2606.	3.3	23

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181	Full-scale phase demodulation approach for photonic instantaneous frequency measurement. Optics Letters, 2010, 35, 2747.	3.3	19
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