

# Jianping Chen

## List of Publications by Year in descending order

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166  
papers

2,995  
citations

159358

30  
h-index

205818

48  
g-index

167  
all docs

167  
docs citations

167  
times ranked

2105  
citing authors

#	ARTICLE	IF	CITATIONS
1	16 Å– 16 non-blocking silicon optical switch based on electro-optic Mach-Zehnder interferometers. Optics Express, 2016, 24, 9295.	1.7	196
2	Miniature Multilevel Optical Memristive Switch Using Phase Change Material. ACS Photonics, 2019, 6, 2205-2212.	3.2	138
3	Continuously tunable ultra-thin silicon waveguide optical delay line. Optica, 2017, 4, 507.	4.8	127
4	Seven-bit reconfigurable optical true time delay line based on silicon integration. Optics Express, 2014, 22, 22707.	1.7	95
5	Coherent interference induced transparency in self-coupled optical waveguide-based resonators. Optics Letters, 2011, 36, 13.	1.7	87
6	Silicon integrated microwave photonic beamformer. Optica, 2020, 7, 1162.	4.8	75
7	Tungsten diselenide Q-switched erbium-doped fiber laser. Optical Engineering, 2016, 55, 081306.	0.5	70
8	Bacterially synthesized tellurium nanostructures for broadband ultrafast nonlinear optical applications. Nature Communications, 2019, 10, 3985.	5.8	68
9	Generation of a widely tunable linearly chirped microwave waveform based on spectral filtering and unbalanced dispersion. Optics Letters, 2015, 40, 1085.	1.7	66
10	All-optical control of light on a graphene-on-silicon nitride chip using thermo-optic effect. Scientific Reports, 2017, 7, 17046.	1.6	64
11	All-optical central-frequency-programmable and bandwidth-tailorable radar. Scientific Reports, 2016, 6, 19786.	1.6	60
12	16 Å– 16 silicon Mach-Zehnder interferometer switch actuated with waveguide microheaters. Photonics Research, 2016, 4, 202.	3.4	57
13	Lens-based integrated 2D beam-steering device with defocusing approach and broadband pulse operation for Lidar application. Optics Express, 2019, 27, 32970.	1.7	56
14	Low-power 2 Å– 2 silicon electro-optic switches based on double-ring assisted Mach-Zehnder interferometers. Optics Letters, 2014, 39, 1633.	1.7	54
15	Tunable Vernier Microring Optical Filters With $\pi$ -Phase Microheaters. IEEE Photonics Journal, 2013, 5, 6601211-6601211.	1.0	53
16	16 Å– 16 Silicon Optical Switch Based on Dual-Ring-Assisted Mach-Zehnder Interferometers. Journal of Lightwave Technology, 2018, 36, 225-232.	2.7	52
17	Aliasing-free optical phased array beam-steering with a plateau envelope. Optics Express, 2019, 27, 3354.	1.7	49
18	4 Å 4 Silicon Optical Switches Based on Double-Ring-Assisted Mach-Zehnder Interferometers. IEEE Photonics Technology Letters, 2015, 27, 2457-2460.	1.3	47

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19	Deep-learning-powered photonic analog-to-digital conversion. <i>Light: Science and Applications</i> , 2019, 8, 66.	7.7	46
20	Ultra-compact Si-GST Hybrid Waveguides for Nonvolatile Light Wave Manipulation. <i>IEEE Photonics Journal</i> , 2018, 10, 1-10.	1.0	45
21	Compensation of multi-channel mismatches in high-speed high-resolution photonic analog-to-digital converter. <i>Optics Express</i> , 2016, 24, 24061.	1.7	44
22	Temperature-Insensitive Microdisplacement Sensor Based on Locally Bent Microfiber Taper Modal Interferometer. <i>IEEE Photonics Journal</i> , 2012, 4, 772-778.	1.0	43
23	All-optical differential equation solver with constant-coefficient tunable based on a single microring resonator. <i>Scientific Reports</i> , 2014, 4, 5581.	1.6	41
24	Tunable two-stage self-coupled optical waveguide resonators. <i>Optics Letters</i> , 2013, 38, 1215.	1.7	38
25	60-nm-thick basic photonic components and Bragg gratings on the silicon-on-insulator platform. <i>Optics Express</i> , 2015, 23, 20784.	1.7	38
26	Linearity Measurement and Pulse Amplitude Modulation in a Silicon Single-Drive Push-Pull Mach-Zehnder Modulator. <i>Journal of Lightwave Technology</i> , 2016, 34, 3323-3329.	2.7	37
27	Effects of the photonic sampling pulse width and the photodetection bandwidth on the channel response of photonic ADCs. <i>Optics Express</i> , 2016, 24, 924.	1.7	36
28	A single-frequency single-resonator laser on erbium-doped lithium niobate on insulator. <i>APL Photonics</i> , 2021, 6, .	3.0	35
29	Broadband 4 × 4 Nonblocking Silicon Electrooptic Switches Based on Mach-Zehnder Interferometers. <i>IEEE Photonics Journal</i> , 2015, 7, 1-8.	1.0	32
30	Erbium-Doped Lithium Niobate Thin Film Waveguide Amplifier With 16 dB Internal Net Gain. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2022, 28, 1-8.	1.9	32
31	Photonic analog-to-digital conversion with equivalent analog prefiltering by shaping sampling pulses. <i>Optics Letters</i> , 2016, 41, 2779.	1.7	31
32	Optical Frequency Comb and Nyquist Pulse Generation With Integrated Silicon Modulators. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2020, 26, 1-8.	1.9	31
33	Corrections to “Highly Reconfigurable Microwave Photonic Waveform Generation Based on Time-Wavelength Interleaving” [Dec 20 Art. no. 5502512]. <i>IEEE Photonics Journal</i> , 2020, 12, 1-1.	1.0	29
34	Reconfigurable High-Resolution Microwave Photonic Filter Based on Dual-Ring-Assisted MZIs on the Si <sub>3</sub> N <sub>4</sub> Platform. <i>IEEE Photonics Journal</i> , 2018, 10, 1-12.	1.0	27
35	High-Precision Time Transfer Over 2000-km Fiber Link. <i>IEEE Photonics Journal</i> , 2015, 7, 1-9.	1.0	26
36	Highly efficient iteration algorithm for a linear frequency-sweep distributed feedback laser in frequency-modulated continuous wave lidar applications. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, D8.	0.9	26

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37	Silicon high-speed binary phase-shift keying modulator with a single-drive push-pull high-speed traveling wave electrode. <i>Photonics Research</i> , 2015, 3, 58.	3.4	25
38	Single-frequency integrated laser on erbium-doped lithium niobate on insulator. <i>Optics Letters</i> , 2021, 46, 4128.	1.7	25
39	Design and Analysis of a Miniature Intensity Modulator Based on a Silicon-Polymer-Metal Hybrid Plasmonic Waveguide. <i>IEEE Photonics Journal</i> , 2014, 6, 1-10.	1.0	24
40	4 Å— 4 Nonblocking Silicon Thermo-Optic Switches Based on Multimode Interferometers. <i>Journal of Lightwave Technology</i> , 2015, 33, 857-864.	2.7	24
41	On-Chip Optical Power Monitor Using Periodically Interleaved P-N Junctions Integrated on a Silicon Waveguide. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2014, 20, 56-63.	1.9	22
42	Electromagnetically Induced Transparency in a Silicon Self-Coupled Optical Waveguide. <i>Journal of Lightwave Technology</i> , 2018, 36, 2188-2195.	2.7	22
43	Fiber-optic radio frequency transfer based on passive phase noise compensation with frequency dividing and filtering. <i>Optics Letters</i> , 2016, 41, 626.	1.7	21
44	Simultaneous Microwave Photonic Analog-to-Digital Conversion and Digital Filtering. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 343-346.	1.3	21
45	Influence of the sampling clock pulse shape mismatch on channel-interleaved photonic analog-to-digital conversion. <i>Optics Letters</i> , 2018, 43, 3530.	1.7	21
46	On-Chip Integrated Photonic Devices Based on Phase Change Materials. <i>Photonics</i> , 2021, 8, 205.	0.9	21
47	Linearity Characterization of a Dual-Parallel Silicon Mach-Zehnder Modulator. <i>IEEE Photonics Journal</i> , 2016, 8, 1-8.	1.0	20
48	Active phase drift cancellation for optic-fiber frequency transfer using a photonic radio-frequency phase shifter. <i>Optics Letters</i> , 2014, 39, 2346.	1.7	19
49	High-precision two-way optic-fiber time transfer using an improved time code. <i>Review of Scientific Instruments</i> , 2014, 85, 114701.	0.6	19
50	High-Linearity Fano Resonance Modulator Using a Microring-Assisted Mach-Zehnder Structure. <i>Journal of Lightwave Technology</i> , 2020, 38, 3395-3403.	2.7	19
51	All-optical central-frequency-programmable and bandwidth-tailorable radar architecture. , 2016, , .		18
52	Design of Ultra-Compact Optical Memristive Switches with GST as the Active Material. <i>Micromachines</i> , 2019, 10, 453.	1.4	18
53	Waveguide self-coupling based reconfigurable resonance structure for optical filtering and delay. <i>Optics Express</i> , 2011, 19, 8032.	1.7	17
54	Silicon Non-Blocking 4 Å— 4 Optical Switch Chip Integrated With Both Thermal and Electro-Optic Tuners. <i>IEEE Photonics Journal</i> , 2019, 11, 1-9.	1.0	16

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55	Passive optical phase noise cancellation. Optics Letters, 2020, 45, 4308.	1.7	16
56	Resonant multilevel optical switching with phase change material GST. Nanophotonics, 2022, 11, 3437-3446.	2.9	16
57	Hybrid Fiber-Optic Radio Frequency and Optical Frequency Dissemination With a Single Optical Actuator and Dual-Optical Phase Stabilization. Journal of Lightwave Technology, 2020, 38, 4270-4278.	2.7	15
58	Investigation of electronic aperture jitter effect in channel-interleaved photonic analog-to-digital converter. Optics Express, 2019, 27, 9205.	1.7	15
59	Signal-to-noise ratio improvement of photonic time-stretch coherent radar enabling high-sensitivity ultrabroad W-band operation. Optics Letters, 2018, 43, 5869.	1.7	15
60	Optical FMCW Signal Generation Using a Silicon Dual-Parallel Mach-Zehnder Modulator. IEEE Photonics Technology Letters, 2021, 33, 301-304.	1.3	14
61	All-passive multiple-place optical phase noise cancellation. Optics Letters, 2021, 46, 1381.	1.7	14
62	Hybrid WDM-MDM transmitter with an integrated Si modulator array and a micro-resonator comb source. Optics Express, 2021, 29, 39847.	1.7	14
63	Multi-node optical frequency dissemination with post automatic phase correction. Journal of Lightwave Technology, 2020, , 1-1.	2.7	13
64	A Heterogeneous Silicon on Lithium Niobate Modulator for Ultra-Compact and High-Performance Photonic Integrated Circuits. IEEE Photonics Journal, 2021, 13, 1-12.	1.0	13
65	Thermally Tuned High-Performance III-V/Si <sub>3</sub> N <sub>4</sub> External Cavity Laser. IEEE Photonics Journal, 2021, 13, 1-13.	1.0	13
66	All-optical pulse compression of broadband microwave signal based on stimulated Brillouin scattering. Optics Express, 2016, 24, 5162.	1.7	12
67	Uncertainty analysis of BTDM-SFSW based fiber-optic time transfer. Metrologia, 2017, 54, 94-101.	0.6	12
68	Enlarged Range and Filter-Tuned Reception in Photonic Time-Stretched Microwave Radar. IEEE Photonics Technology Letters, 2018, 30, 1028-1031.	1.3	12
69	Modeling and Analysis of Crosstalk for Time-Interleaved Photonic ADCs. Journal of Lightwave Technology, 2020, 38, 3926-3934.	2.7	12
70	Microwave Pulse Generation With a Silicon Dual-Parallel Modulator. Journal of Lightwave Technology, 2020, 38, 2134-2143.	2.7	12
71	Microwave frequency upconversion employing a coupling-modulated ring resonator. Photonics Research, 2017, 5, 689.	3.4	11
72	Mismatches analysis based on channel response and an amplitude correction method for time interleaved photonic analog-to-digital converters. Optics Express, 2018, 26, 17859.	1.7	11

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73	32-Gb/s OOK and 64-Gb/s PAM-4 Modulation Using a Single-Drive Silicon Mach-Zehnder Modulator with 2 V Drive Voltage. <i>IEEE Photonics Journal</i> , 2019, 11, 1-10.	1.0	11
74	Investigation of Coupling Tuning in Self-Coupled Optical Waveguide Resonators. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 936-939.	1.3	10
75	Application of SOI microring coupling modulation in microwave photonic phase shifters. <i>Frontiers of Optoelectronics</i> , 2016, 9, 483-488.	1.9	10
76	13 134-Km Fiber-Optic Time Synchronization. <i>Journal of Lightwave Technology</i> , 2021, 39, 6373-6380.	2.7	9
77	Characterization of the Frequency Response of Channel-Interleaved Photonic ADCs Based on the Optical Time-Division Demultiplexer. <i>IEEE Photonics Journal</i> , 2021, 13, 1-9.	1.0	9
78	Studying the Double Rayleigh Backscattering Noise Effect on Fiber-Optic Radio Frequency Transfer. <i>IEEE Photonics Journal</i> , 2021, 13, 1-10.	1.0	9
79	Broadband 1 $\mu$ m–8 Optical Beamforming Network Based on Anti-resonant Microring Delay Lines. <i>Journal of Lightwave Technology</i> , 2022, 40, 6919-6928.	2.7	9
80	Hybrid Integrated Frequency-Modulated Continuous-Wave Laser With Synchronous Tuning. <i>Journal of Lightwave Technology</i> , 2022, 40, 5636-5645.	2.7	9
81	A Multi-Channel Multi-Bit Programmable Photonic Beamformer Based on Cascaded DWDM. <i>IEEE Photonics Journal</i> , 2014, 6, 1-10.	1.0	8
82	Passive Optical Phase Stabilization on a Ring Fiber Network. <i>Journal of Lightwave Technology</i> , 2020, 38, 5916-5924.	2.7	8
83	Integrated Optical Delay Line Based on a Loopback Arrayed Waveguide Grating for Radio-frequency Filtering. <i>IEEE Photonics Journal</i> , 2020, 12, 1-11.	1.0	8
84	Branching Optical Frequency Transfer With Enhanced Post Automatic Phase Noise Cancellation. <i>Journal of Lightwave Technology</i> , 2021, 39, 4638-4645.	2.7	8
85	Fiber-optic joint time and frequency transmission with enhanced time precision. <i>Optics Letters</i> , 2022, 47, 1005.	1.7	8
86	Analysis of a Silicon Reconfigurable Feed-Forward Optical Delay Line. <i>IEEE Photonics Journal</i> , 2014, 6, 1-11.	1.0	7
87	Optimized Silicon QPSK Modulator With 64-Gb/s Modulation Speed. <i>IEEE Photonics Journal</i> , 2015, 7, 1-6.	1.0	7
88	High-Precision Ultralong Distance Time Transfer Using Single-Fiber Bidirectional-Transmission Unidirectional Optical Amplifiers. <i>IEEE Photonics Journal</i> , 2016, 8, 1-8.	1.0	7
89	Fiber-optic radio frequency transfer based on active phase noise compensation using a carrier suppressed double-sideband signal. <i>Optics Letters</i> , 2017, 42, 5042.	1.7	7
90	Modeling a Dual-Parallel Silicon Modulator for Sinc-Shaped Nyquist Pulse Generation. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-8.	1.9	7

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91	Principle of integrated filtering and digitizing based on periodic signal multiplying. Optics Letters, 2019, 44, 1766.	1.7	7
92	34.3 fs pulse generation in an Er-doped fibre laser at 201 MHz repetition rate. Electronics Letters, 2015, 51, 351-352.	0.5	6
93	A round-trip fiber-optic time transfer system using bidirectional TDM transmission. , 2015, , .		6
94	Simultaneous emission of Gaussian-like and parabolic-like pulse waveforms in an erbium-doped dual-wavelength fiber laser. Scientific Reports, 2017, 7, 9414.	1.6	6
95	Phase-Coded Microwave Signal Generation Based on a Segmented Silicon Mach-Zehnder Modulator. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-8.	1.9	6
96	Multiple-Node Time Synchronization Over Hybrid Star and Bus Fiber Network Without Requiring Link Calibration. Journal of Lightwave Technology, 2021, 39, 2015-2022.	2.7	6
97	Stable RF transfer over a fiber-optic ring with DSBCS modulation and a DSB RF signal. Chinese Optics Letters, 2020, 18, 020603.	1.3	6
98	Fiber all-optical light control with low-dimensional materials (LDMs): thermo-optic effect and saturable absorption. Nanoscale Advances, 2019, 1, 4190-4206.	2.2	5
99	Noise Characterization for Time Interleaved Photonic Analog to Digital Converters. Journal of Lightwave Technology, 2020, 38, 1230-1242.	2.7	5
100	Generation of tunable linearly chirped signals with long temporal duration in the photonic time-stretched coherent radar. Optics Letters, 2020, 45, 5736.	1.7	5
101	Multiple-access relay stations for long-haul fiber-optic radio frequency transfer. Optics Express, 2022, 30, 18402.	1.7	5
102	A Simple Paradigm for Supporting the New Generation of Internet Based on WLAN over OBS. , 2007, , .		4
103	Experimental demonstration of self-coupled optical waveguide (SCOW)-based resonators. , 2012, , .		4
104	A maximum-efficiency-first multi-path route selection strategy for optical burst switching networks. Optik, 2014, 125, 2229-2233.	1.4	4
105	All-Silicon Waveguide Avalanche Photodetectors With Ultrahigh Gain-Bandwidth Product and Low Breakdown Voltage. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 226-231.	1.9	4
106	Optical Amplification for BTDM-SFSW-Based Time Transfer. Journal of Lightwave Technology, 2017, 35, 4337-4343.	2.7	4
107	Ultra-Compact Multi-Level Optical Switching with Non-Volatile GST Phase Change. , 2019, , .		4
108	Reconfigurable Silicon Photonic Processor Based on SCOW Resonant Structures. IEEE Photonics Journal, 2019, 11, 1-12.	1.0	4

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109	Influence of the Demultiplexer on Channel-Interleaved Photonic Analog-to-Digital Converters. IEEE Photonics Journal, 2020, 12, 1-10.	1.0	4
110	Photonic Network Analyzer Based on Optical Sampling. IEEE Photonics Technology Letters, 2020, 32, 212-215.	1.3	4
111	Performance of digital servos in an optical frequency transfer network. Review of Scientific Instruments, 2021, 92, 053709.	0.6	4
112	Fiber Radio Frequency Transfer Using Bidirectional Frequency Division Multiplexing Dissemination. IEEE Photonics Technology Letters, 2021, 33, 660-663.	1.3	4
113	Wideband Vector Network Analyzer Based on Direct Microwave Photonic Digitization. Journal of Lightwave Technology, 2022, 40, 4581-4588.	2.7	4
114	Fast and on-line link optimization for the long-distance two-way fiber-optic time and frequency transfer. Optics Express, 2022, 30, 25522.	1.7	4
115	All-optical wavelength converter using a microdisk resonator integrated with p-n junctions. Science Bulletin, 2014, 59, 2709-2716.	1.7	3
116	Optimized silicon MZI modulators for 50 Gbit/s OOK and 40 Gbit/s BPSK modulation. , 2015, , .		3
117	Strictly non-blocking 4×4 silicon electro-optic switch based on a double layer network architecture. , 2016, , .		3
118	Programmable SCOW Mesh Silicon Photonic Processor for Linear Unitary Operator. Micromachines, 2019, 10, 646.	1.4	3
119	Highly Reconfigurable Microwave Photonic Waveform Generation Based on Time-Wavelength Interleaving. IEEE Photonics Journal, 2020, 12, 1-12.	1.0	3
120	Multi-access fiber-optic time dissemination with bidirectional optical“electrical”optical nodes. Review of Scientific Instruments, 2020, 91, 063102.	0.6	3
121	Effects of the Nonlinearity Caused by 'MZM-WDM' Structure in Time-Wavelength Interleaved Photonic Analog-to-Digital Converters.. Journal of Lightwave Technology, 2021, , 1-1.	2.7	3
122	Integrated High-Repetition-Rate Optical Sampling Chip Exploiting Wavelength and Mode Multiplexing. Journal of Lightwave Technology, 2021, 39, 5548-5557.	2.7	3
123	Maintenance of broadband detection in photonic time-stretched coherent radar employing phase diversity. Optics Express, 2019, 27, 32892.	1.7	3
124	A Novel Fast Programmable Optical Buffer with Variable Delays. , 2008, , .		2
125	An Optoelectronic Oscillator Based on Carrier-Suppression-Effect-Free Single Bandpass Microwave Photonic Filter. IEEE Photonics Journal, 2013, 5, 5501807-5501807.	1.0	2
126	Tunable photonic differentiator and integrator with a silicon microring resonator. , 2014, , .		2



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127	FWM Dynamics Under Dual-Pump Thermal Behavior in Silicon Microring Resonator. IEEE Photonics Journal, 2015, 7, 1-7.	1.0	2
128	Q-switched ring-cavity erbium-doped fiber laser based on tungsten disulfide (WS <sub>2</sub> ). , 2015, , .		2
129	Reconfiguring the 16 Å— 16 silicon optical switch for optical beam steering application. , 2017, , .		2
130	All polarization maintaining erbium-doped Q-switched fiber laser based on WSe <sub>2</sub> saturable absorber. , 2017, , .		2
131	Investigation of Brillouin Properties in High-Loss Doped Silica Waveguides by Comparison Experiment. IEEE Photonics Technology Letters, 2020, 32, 948-951.	1.3	2
132	Broadband Photonic RF Channelization Based on Optical Sampling Pulse Shaping. IEEE Photonics Technology Letters, 2020, 32, 1195-1198.	1.3	2
133	High-gain Erbium-doped Waveguide Amplifier on LNOI Platform. , 2021, , .		2
134	Reconfigurable microwave photonics radars. , 2016, , .		2
135	Free-Space Point-to-Multiplepoint Optical Frequency Transfer With Lens Assisted Integrated Beam Steering. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	2.4	2
136	Effectiveness of the Limited Retransmission on the WLANs Using Error-Prone Channel. , 2006, , .		1
137	Self-coupled optical waveguide (SCOW)-based reconfigurable second-order optical filter. , 2013, , .		1
138	Selective excitation of microring resonances using a pulley-coupling structure. , 2013, , .		1
139	All-silicon near-infrared phototransistor based on surface-state absorption. , 2015, , .		1
140	4 strictly non-blocking optical switch fabric based on cascaded multimode interferometers. , 2015, , .		1
141	Ultrahigh-sensitivity on-chip power monitor using a resistive microheater in a silicon waveguide. , 2016, , .		1
142	Duration expansion of wavelength-to-time mapping based on a programmable dispersion loop. , 2017, , .		1
143	All-Optical Non-volatile Tuning of Nanobeam Resonators Using the GST Phase-Change Material. , 2019, , .		1
144	Investigation on Four-Wave-Mixing-Based Temporal Measurement of Low-Power-Density Optical Pulse. IEEE Photonics Technology Letters, 2019, 31, 595-598.	1.3	1

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145	Optical generation of UWB pulses utilizing Fano resonance modulation. <i>Frontiers of Optoelectronics</i> , 2021, 14, 426-437.	1.9	1
146	Ultra-Wideband Signal Generation Based on a Silicon Segmented Mach-Zehnder Modulator. <i>IEEE Photonics Journal</i> , 2020, 12, 1-15.	1.0	1
147	All-Passive Cascaded Optical Frequency Transfer. <i>IEEE Photonics Technology Letters</i> , 2022, 34, 413-416.	1.3	1
148	Enhanced Phase Noise Reduction in Localized Two-Way Optical Frequency Comparison. <i>Journal of Lightwave Technology</i> , 2022, 40, 4161-4168.	2.7	1
149	OXC based on fast digitally tunable optical filters for OBS networks. , 0, , .		0
150	A special issue on photonic signal processing. <i>Frontiers of Optoelectronics in China</i> , 2011, 4, 229-230.	0.2	0
151	Electrically tunable silicon plasmonic phase modulators with nano-scale optical confinement. <i>Frontiers of Optoelectronics in China</i> , 2011, 4, 359-363.	0.2	0
152	Photocurrent generation in a silicon waveguide integrated with periodically interleaved p-n junctions. , 2013, , .		0
153	Adaptive correction of amplitude noise for time-interleaved photonic analog-to-digital converter. , 2015, , .		0
154	A new method of ethanol catalytic deposition of MoS <sub>2</sub> on tapered fiber for photonic application. , 2015, , .		0
155	Optical modulation in ring resonators with a single-drive push-pull MZI coupler. , 2015, , .		0
156	Electro-optical switch using Ge<sub>2</sub>Sb<sub>2</sub>Te<sub>5</sub> phase-change material in a silicon MZI structure. , 2017, , .		0
157	High-resolution characterization of parametric sampling based photonic phase locking. , 2017, , .		0
158	Silicon 16×16 switch matrix based on dual-ring assisted MZI structures with fast and energy efficient switching. , 2017, , .		0
159	Absolute time delay measurement of stimulated Brillouin scattering based all-optical pulse compression. , 2017, , .		0
160	A simplified stimulated Brillouin scattering pulse compression of broadband microwave signal based on differential detection. , 2017, , .		0
161	SFSW Time Transfer Over Branching Fiber-Optic Networks With Synchronous TDMA. <i>IEEE Communications Letters</i> , 2018, 22, 1802-1805.	2.5	0
162	Aliasing-Free Beam-Steering Over the Entire Field of View Utilizing a Bent Waveguide Array with a Uniform Half-Wavelength Spacing. , 2018, , .		0

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163	Repetition-Frequency-Doubled Transform-Limited Optical Pulse Generation Based on Silicon Modulators. Journal of Lightwave Technology, 2020, 38, 6299-6311.	2.7	0
164	An Optical Pulse Shaping Scheme for Simultaneous Photonic Filtering and Digitizing Systems. IEEE Photonics Journal, 2020, 12, 1-9.	1.0	0
165	Resonant-enhanced optical switch based on non-volatile phase change material GST. , 2021, , .		0
166	Silicon mode-insensitive modulator for TE <sub>0</sub> mode and TE <sub>1</sub> mode. Optics Letters, 2022, 47, 3592.	1.7	0