

# Jianping Chen

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2963167/jianping-chen-publications-by-year.pdf>

**Version:** 2024-04-24

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

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

144  
papers

1,752  
citations

25  
h-index

36  
g-index

167  
ext. papers

2,395  
ext. citations

3.2  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
144	Fiber-optic joint time and frequency transmission with enhanced time precision.. <i>Optics Letters</i> , <b>2022</b> , 47, 1005-1008	3	0
143	All-passive cascaded optical frequency transfer. <i>IEEE Photonics Technology Letters</i> , <b>2022</b> , 1-1	2.2	
142	Enhanced phase noise reduction in localized two-way optical frequency comparison. <i>Journal of Lightwave Technology</i> , <b>2022</b> , 1-1	4	0
141	Wideband vector network analyzer based on direct microwave photonic digitization. <i>Journal of Lightwave Technology</i> , <b>2022</b> , 1-1	4	0
140	Multiple-access relay stations for long-haul fiber-optic radio frequency transfer. <i>Optics Express</i> , <b>2022</b> , 30, 18402	3.3	
139	Broadband 18 Optical Beamforming Network Based on Anti-resonant Microring Delay Lines. <i>Journal of Lightwave Technology</i> , <b>2022</b> , 1-1	4	1
138	Hybrid Integrated Frequency-Modulated Continuous-Wave Laser with Synchronous Tuning. <i>Journal of Lightwave Technology</i> , <b>2022</b> , 1-1	4	1
137	Hybrid WDM-MDM transmitter with an integrated Si modulator array and a micro-resonator comb source. <i>Optics Express</i> , <b>2021</b> , 29, 39847-39858	3.3	5
136	Erbium-doped lithium niobate thin film waveguide amplifier with 16 dB internal net gain. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 1-1	3.8	4
135	High-gain Erbium-doped Waveguide Amplifier on LNOI Platform <b>2021</b> ,		2
134	Optical FMCW Signal Generation Using a Silicon Dual-Parallel Mach-Zehnder Modulator. <i>IEEE Photonics Technology Letters</i> , <b>2021</b> , 33, 301-304	2.2	2
133	All-passive multiple-place optical phase noise cancellation. <i>Optics Letters</i> , <b>2021</b> , 46, 1381-1384	3	6
132	Multiple-Node Time Synchronization Over Hybrid Star and Bus Fiber Network Without Requiring Link Calibration. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 2015-2022	4	1
131	Studying the Double Rayleigh Backscattering Noise Effect on Fiber-Optic Radio Frequency Transfer. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-10	1.8	4
130	Thermally Tuned High-Performance III-V/Si3N4 External Cavity Laser. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-13	1.8	4
129	Performance of digital servos in an optical frequency transfer network. <i>Review of Scientific Instruments</i> , <b>2021</b> , 92, 053709	1.7	1
128	On-Chip Integrated Photonic Devices Based on Phase Change Materials. <i>Photonics</i> , <b>2021</b> , 8, 205	2.2	7

127	Fiber Radio Frequency Transfer Using Bidirectional Frequency Division Multiplexing Dissemination. <i>IEEE Photonics Technology Letters</i> , <b>2021</b> , 33, 660-663	2.2	1
126	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> , <b>2021</b> , 38, D8	1.7	3
125	Modeling a Dual-Parallel Silicon Modulator for Sinc-Shaped Nyquist Pulse Generation. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 27, 1-8	3.8	3
124	Effects of the Nonlinearity Caused by 'MZM-WDM' Structure in Time-Wavelength Interleaved Photonic Analog-to-Digital Converters.. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 1-1	4	2
123	13 134-Km Fiber-Optic Time Synchronization. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 1-1	4	2
122	Characterization of the Frequency Response of Channel-Interleaved Photonic ADCs Based on the Optical Time-Division Demultiplexer. <i>IEEE Photonics Journal</i> , <b>2021</b> , 1-1	1.8	0
121	A Heterogeneous Silicon on Lithium Niobate Modulator for Ultra-Compact and High-Performance Photonic Integrated Circuits. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-12	1.8	3
120	Branching Optical Frequency Transfer With Enhanced Post Automatic Phase Noise Cancellation. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 4638-4645	4	2
119	Single-frequency integrated laser on erbium-doped lithium niobate on insulator. <i>Optics Letters</i> , <b>2021</b> , 46, 4128-4131	3	8
118	Integrated High-Repetition-Rate Optical Sampling Chip Exploiting Wavelength and Mode Multiplexing. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 5548-5557	4	0
117	A single-frequency single-resonator laser on erbium-doped lithium niobate on insulator. <i>APL Photonics</i> , <b>2021</b> , 6, 101301	5.2	6
116	Integrated Optical Delay Line Based on a Loopback Arrayed Waveguide Grating for Radio-frequency Filtering. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-11	1.8	2
115	Hybrid Fiber-Optic Radio Frequency and Optical Frequency Dissemination With a Single Optical Actuator and Dual-Optical Phase Stabilization. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 4270-4278	4	8
114	Multi-Node Optical Frequency Dissemination With Post Automatic Phase Correction. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 1-1	4	8
113	Multi-access fiber-optic time dissemination with bidirectional optical-electrical-optical nodes. <i>Review of Scientific Instruments</i> , <b>2020</b> , 91, 063102	1.7	1
112	An Optical Pulse Shaping Scheme for Simultaneous Photonic Filtering and Digitizing Systems. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-9	1.8	
111	High-Linearity Fano Resonance Modulator Using a Microring-Assisted Mach-Zehnder Structure. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 3395-3403	4	10
110	Microwave Pulse Generation With a Silicon Dual-Parallel Modulator. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 2134-2143	4	9

109	Photonic Network Analyzer Based on Optical Sampling. <i>IEEE Photonics Technology Letters</i> , <b>2020</b> , 32, 212-215	1	
108	Passive optical phase noise cancellation. <i>Optics Letters</i> , <b>2020</b> , 45, 4308-4311	3	11
107	Silicon integrated microwave photonic beamformer. <i>Optica</i> , <b>2020</b> , 7, 1162	8.6	25
106	Generation of tunable linearly chirped signals with long temporal duration in the photonic time-stretched coherent radar. <i>Optics Letters</i> , <b>2020</b> , 45, 5736-5739	3	2
105	Stable RF transfer over a fiber-optic ring with DSBCS modulation and a DSB RF signal. <i>Chinese Optics Letters</i> , <b>2020</b> , 18, 020603	2.2	4
104	Noise Characterization for Time Interleaved Photonic Analog to Digital Converters. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 1230-1242	4	3
103	Modeling and Analysis of Crosstalk for Time-Interleaved Photonic ADCs. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 3926-3934	4	5
102	Passive Optical Phase Stabilization on a Ring Fiber Network. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 5916-5924	4	5
101	Investigation of Brillouin Properties in High-Loss Doped Silica Waveguides by Comparison Experiment. <i>IEEE Photonics Technology Letters</i> , <b>2020</b> , 32, 948-951	2.2	1
100	Repetition-Frequency-Doubled Transform-Limited Optical Pulse Generation Based on Silicon Modulators. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 6299-6311	4	
99	Optical generation of UWB pulses utilizing Fano resonance modulation. <i>Frontiers of Optoelectronics</i> , <b>2020</b> , 1	2.8	0
98	Influence of the Demultiplexer on Channel-Interleaved Photonic Analog-to-Digital Converters. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-10	1.8	1
97	. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-12	1.8	2
96	Broadband Photonic RF Channelization Based on Optical Sampling Pulse Shaping. <i>IEEE Photonics Technology Letters</i> , <b>2020</b> , 32, 1195-1198	2.2	1
95	Ultra-Wideband Signal Generation Based on a Silicon Segmented Mach-Zehnder Modulator. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-15	1.8	1
94	Corrections to [Highly Reconfigurable Microwave Photonic Waveform Generation Based on Time-Wavelength Interleaving][Dec 20 Art. no. 5502512]. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-1	1.8	7
93	Phase-Coded Microwave Signal Generation Based on a Segmented Silicon Mach-Zehnder Modulator. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2020</b> , 26, 1-8	3.8	6
92	Optical Frequency Comb and Nyquist Pulse Generation With Integrated Silicon Modulators. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2020</b> , 26, 1-8	3.8	18

91	Bacterially synthesized tellurium nanostructures for broadband ultrafast nonlinear optical applications. <i>Nature Communications</i> , <b>2019</b> , 10, 3985	17.4	37
90	Ultra-Compact Multi-Level Optical Switching with Non-Volatile GST Phase Change <b>2019</b> ,		2
89	Investigation on Four-Wave-Mixing-Based Temporal Measurement of Low-Power-Density Optical Pulse. <i>IEEE Photonics Technology Letters</i> , <b>2019</b> , 31, 595-598	2.2	1
88	Miniature Multilevel Optical Memristive Switch Using Phase Change Material. <i>ACS Photonics</i> , <b>2019</b> , 6, 2205-2212	6.3	55
87	Design of Ultra-Compact Optical Memristive Switches with GST as the Active Material. <i>Micromachines</i> , <b>2019</b> , 10,	3.3	10
86	Deep-learning-powered photonic analog-to-digital conversion. <i>Light: Science and Applications</i> , <b>2019</b> , 8, 66	16.7	23
85	Programmable SCOW Mesh Silicon Photonic Processor for Linear Unitary Operator. <i>Micromachines</i> , <b>2019</b> , 10,	3.3	1
84	Silicon Non-Blocking 4 × 4 Optical Switch Chip Integrated With Both Thermal and Electro-Optic Tuners. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-9	1.8	5
83	Aliasing-free optical phased array beam-steering with a plateau envelope. <i>Optics Express</i> , <b>2019</b> , 27, 33543-3368	3.3	28
82	Investigation of electronic aperture jitter effect in channel-interleaved photonic analog-to-digital converter. <i>Optics Express</i> , <b>2019</b> , 27, 9205-9214	3.3	7
81	Lens-based integrated 2D beam-steering device with defocusing approach and broadband pulse operation for Lidar application. <i>Optics Express</i> , <b>2019</b> , 27, 32970-32983	3.3	24
80	Principle of integrated filtering and digitizing based on periodic signal multiplying. <i>Optics Letters</i> , <b>2019</b> , 44, 1766-1769	3	6
79	Maintenance of broadband detection in photonic time-stretched coherent radar employing phase diversity. <i>Optics Express</i> , <b>2019</b> , 27, 32892-32899	3.3	2
78	Reconfigurable Silicon Photonic Processor Based on SCOW Resonant Structures. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-12	1.8	2
77	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> , <b>2019</b> , 11, 1-10	1.8	6
76	Fiber all-optical light control with low-dimensional materials (LDMs): thermo-optic effect and saturable absorption. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 4190-4206	5.1	4
75	Simultaneous Microwave Photonic Analog-to-Digital Conversion and Digital Filtering. <i>IEEE Photonics Technology Letters</i> , <b>2018</b> , 30, 343-346	2.2	17
74	Ultracompact Si-GST Hybrid Waveguides for Nonvolatile Light Wave Manipulation. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-10	1.8	30

73	16 × 16 Silicon Optical Switch Based on Dual-Ring-Assisted Mach-Zehnder Interferometers. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 225-232	4	38
72	SFSW Time Transfer Over Branching Fiber-Optic Networks With Synchronous TDMA. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 1802-1805	3.8	
71	Enlarged Range and Filter-Tuned Reception in Photonic Time-Stretched Microwave Radar. <i>IEEE Photonics Technology Letters</i> , <b>2018</b> , 30, 1028-1031	2.2	10
70	Electromagnetically Induced Transparency in a Silicon Self-Coupled Optical Waveguide. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 2188-2195	4	18
69	Mismatches analysis based on channel response and an amplitude correction method for time interleaved photonic analog-to-digital converters. <i>Optics Express</i> , <b>2018</b> , 26, 17859-17871	3.3	8
68	Influence of the sampling clock pulse shape mismatch on channel-interleaved photonic analog-to-digital conversion. <i>Optics Letters</i> , <b>2018</b> , 43, 3530-3533	3	10
67	Signal-to-noise ratio improvement of photonic time-stretch coherent radar enabling high-sensitivity ultrabroad W-band operation. <i>Optics Letters</i> , <b>2018</b> , 43, 5869-5872	3	9
66	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> , <b>2018</b> , 10, 1-12	1.8	13
65	Uncertainty analysis of BTDM-SFSW based fiber-optic time transfer. <i>Metrologia</i> , <b>2017</b> , 54, 94-101	2.1	7
64	Optical Amplification for BTDM-SFSW-Based Time Transfer. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 4337-4343	4	2
63	Fiber-optic radio frequency transfer based on active phase noise compensation using a carrier suppressed double-sideband signal. <i>Optics Letters</i> , <b>2017</b> , 42, 5042-5045	3	6
62	Simultaneous emission of Gaussian-like and parabolic-like pulse waveforms in an erbium-doped dual-wavelength fiber laser. <i>Scientific Reports</i> , <b>2017</b> , 7, 9414	4.9	6
61	All-optical control of light on a graphene-on-silicon nitride chip using thermo-optic effect. <i>Scientific Reports</i> , <b>2017</b> , 7, 17046	4.9	44
60	Reconfiguring the 16 × 16 silicon optical switch for optical beam steering application <b>2017</b> ,		1
59	All polarization maintaining erbium-doped Q-switched fiber laser based on WSe <sub>2</sub> saturable absorber <b>2017</b> ,		2
58	Duration expansion of wavelength-to-time mapping based on a programmable dispersion loop <b>2017</b> ,		1
57	Continuously tunable ultra-thin silicon waveguide optical delay line. <i>Optica</i> , <b>2017</b> , 4, 507	8.6	73
56	Microwave frequency upconversion employing a coupling-modulated ring resonator. <i>Photonics Research</i> , <b>2017</b> , 5, 689	6	9

55	16 × 16 non-blocking silicon optical switch based on electro-optic Mach-Zehnder interferometers. <i>Optics Express</i> , <b>2016</b> , 24, 9295-307	3-3	135
54	Effects of the photonic sampling pulse width and the photodetection bandwidth on the channel response of photonic ADCs. <i>Optics Express</i> , <b>2016</b> , 24, 924-34	3-3	32
53	All-optical pulse compression of broadband microwave signal based on stimulated Brillouin scattering. <i>Optics Express</i> , <b>2016</b> , 24, 5162-5171	3-3	9
52	Strictly non-blocking 4 × 4 silicon electro-optic switch based on a double layer network architecture <b>2016</b> ,		1
51	Linearity Characterization of a Dual-Parallel Silicon Mach-Zehnder Modulator. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-8	1.8	13
50	16 × 16 silicon Mach-Zehnder interferometer switch actuated with waveguide microheaters. <i>Photonics Research</i> , <b>2016</b> , 4, 202	6	36
49	Linearity Measurement and Pulse Amplitude Modulation in a Silicon Single-Drive Push-Pull Mach-Zehnder Modulator. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 3323-3329	4	27
48	Photonic analog-to-digital conversion with equivalent analog prefiltering by shaping sampling pulses. <i>Optics Letters</i> , <b>2016</b> , 41, 2779-82	3	25
47	Tungsten diselenide Q-switched erbium-doped fiber laser. <i>Optical Engineering</i> , <b>2016</b> , 55, 081306	1.1	56
46	Fiber-optic radio frequency transfer based on passive phase noise compensation with frequency dividing and filtering. <i>Optics Letters</i> , <b>2016</b> , 41, 626-9	3	15
45	Application of SOI microring coupling modulation in microwave photonic phase shifters. <i>Frontiers of Optoelectronics</i> , <b>2016</b> , 9, 483-488	2.8	7
44	Compensation of multi-channel mismatches in high-speed high-resolution photonic analog-to-digital converter. <i>Optics Express</i> , <b>2016</b> , 24, 24061-24074	3-3	28
43	All-optical central-frequency-programmable and bandwidth-tailorable radar architecture <b>2016</b> ,		15
42	All-optical central-frequency-programmable and bandwidth-tailorable radar. <i>Scientific Reports</i> , <b>2016</b> , 6, 19786	4-9	44
41	High-Precision Ultralong Distance Time Transfer Using Single-Fiber Bidirectional-Transmission Unidirectional Optical Amplifiers. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-8	1.8	5
40	34.3 fs pulse generation in an Er-doped fibre laser at 201 MHz repetition rate. <i>Electronics Letters</i> , <b>2015</b> , 51, 351-352	1.1	4
39	Silicon high-speed binary phase-shift keying modulator with a single-drive push-pull high-speed traveling wave electrode. <i>Photonics Research</i> , <b>2015</b> , 3, 58	6	22
38	60-nm-thick basic photonic components and Bragg gratings on the silicon-on-insulator platform. <i>Optics Express</i> , <b>2015</b> , 23, 20784-95	3-3	27

37	\$4times 4\$ Silicon Optical Switches Based on Double-Ring-Assisted Mach-Zehnder Interferometers. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 2457-2460	2.2	33
36	Optimized Silicon QPSK Modulator With 64-Gb/s Modulation Speed. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-6	1.8	7
35	A round-trip fiber-optic time transfer system using bidirectional TDM transmission <b>2015</b> ,		4
34	FWM Dynamics Under Dual-Pump Thermal Behavior in Silicon Microring Resonator. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-7	1.8	1
33	Generation of a widely tunable linearly chirped microwave waveform based on spectral filtering and unbalanced dispersion. <i>Optics Letters</i> , <b>2015</b> , 40, 1085-8	3	48
32	4 × Nonblocking Silicon Thermo-Optic Switches Based on Multimode Interferometers. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 857-864	4	18
31	Optimized silicon MZI modulators for 50 Gbit/s OOK and 40 Gbit/s BPSK modulation <b>2015</b> ,		2
30	Q-switched ring-cavity erbium-doped fiber laser based on tungsten disulfide (WS <sub>2</sub> ) <b>2015</b> ,		2
29	All-silicon near-infrared phototransistor based on surface-state absorption <b>2015</b> ,		1
28	. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-9	1.8	17
27	Broadband 4 × 4 Nonblocking Silicon Electrooptic Switches Based on Mach-Zehnder Interferometers. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-8	1.8	28
26	All-optical differential equation solver with constant-coefficient tunable based on a single microring resonator. <i>Scientific Reports</i> , <b>2014</b> , 4, 5581	4.9	29
25	A maximum-efficiency-first multi-path route selection strategy for optical burst switching networks. <i>Optik</i> , <b>2014</b> , 125, 2229-2233	2.5	3
24	High-precision two-way optic-fiber time transfer using an improved time code. <i>Review of Scientific Instruments</i> , <b>2014</b> , 85, 114701	1.7	14
23	All-Silicon Waveguide Avalanche Photodetectors With Ultrahigh Gain-Bandwidth Product and Low Breakdown Voltage. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2014</b> , 20, 226-231	3.8	2
22	All-optical wavelength converter using a microdisk resonator integrated with p-n junctions. <i>Science Bulletin</i> , <b>2014</b> , 59, 2709-2716		2
21	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> , <b>2014</b> , 20, 56-63	3.8	10
20	Low-power 2 × 2 silicon electro-optic switches based on double-ring assisted Mach-Zehnder interferometers. <i>Optics Letters</i> , <b>2014</b> , 39, 1633-6	3	37



19	Analysis of a Silicon Reconfigurable Feed-Forward Optical Delay Line. <i>IEEE Photonics Journal</i> , <b>2014</b> , 6, 1-11	1.8	2
18	Design and Analysis of a Miniature Intensity Modulator Based on a Silicon-Polymer-Metal Hybrid Plasmonic Waveguide. <i>IEEE Photonics Journal</i> , <b>2014</b> , 6, 1-10	1.8	10
17	Active phase drift cancellation for optic-fiber frequency transfer using a photonic radio-frequency phase shifter. <i>Optics Letters</i> , <b>2014</b> , 39, 2346-9	3	12
16	Tunable photonic differentiator and integrator with a silicon microring resonator <b>2014</b> ,		2
15	Seven-bit reconfigurable optical true time delay line based on silicon integration. <i>Optics Express</i> , <b>2014</b> , 22, 22707-15	3.3	55
14	A Multi-Channel Multi-Bit Programmable Photonic Beamformer Based on Cascaded DWDM. <i>IEEE Photonics Journal</i> , <b>2014</b> , 6, 1-10	1.8	4
13	Selective excitation of microring resonances using a pulley-coupling structure <b>2013</b> ,		1
12	Investigation of Coupling Tuning in Self-Coupled Optical Waveguide Resonators. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 936-939	2.2	8
11	An Optoelectronic Oscillator Based on Carrier-Suppression-Effect-Free Single Bandpass Microwave Photonic Filter. <i>IEEE Photonics Journal</i> , <b>2013</b> , 5, 5501807-5501807	1.8	1
10	Tunable Vernier Microring Optical Filters With $\phi$ -Type Microheaters. <i>IEEE Photonics Journal</i> , <b>2013</b> , 5, 6601211-6601211	1.8	33
9	Tunable two-stage self-coupled optical waveguide resonators. <i>Optics Letters</i> , <b>2013</b> , 38, 1215-7	3	29
8	Temperature-Insensitive Microdisplacement Sensor Based on Locally Bent Microfiber Taper Modal Interferometer. <i>IEEE Photonics Journal</i> , <b>2012</b> , 4, 772-778	1.8	33
7	Experimental demonstration of self-coupled optical waveguide (SCOW)-based resonators <b>2012</b> ,		2
6	Waveguide self-coupling based reconfigurable resonance structure for optical filtering and delay. <i>Optics Express</i> , <b>2011</b> , 19, 8032-44	3.3	10
5	Coherent interference induced transparency in self-coupled optical waveguide-based resonators. <i>Optics Letters</i> , <b>2011</b> , 36, 13-5	3	63
4	Electrically tunable silicon plasmonic phase modulators with nano-scale optical confinement. <i>Frontiers of Optoelectronics in China</i> , <b>2011</b> , 4, 359-363		
3	A Novel Fast Programmable Optical Buffer with Variable Delays <b>2008</b> ,		1
2	A Simple Paradigm for Supporting the New Generation of Internet Based on WLAN over OBS <b>2007</b> ,		3

1 Effectiveness of the Limited Retransmission on the WLANs Using Error-Prone Channel **2006**,

1