

# Jiejun Zhang

## List of Publications by Year in Descending Order

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

333  
papers

10,897  
citations

55  
h-index

91  
g-index

395  
ext. papers

14,166  
ext. citations

3.9  
avg, IF

7.32  
L-index

#	Paper	IF	Citations
333	Photonic generation of a microwave waveform with an ultra-long temporal duration using a frequency-shifting dispersive loop.. <i>Optics Express</i> , <b>2022</b> , 30, 4737-4747	3.3	0
332	Cellular-Connected UAV with Adaptive Air-to-Ground Interference Cancellation and Trajectory Optimization. <i>IEEE Communications Letters</i> , <b>2022</b> , 1-1	3.8	0
331	Wideband RWG-SIW Interconnection With Improved Integration for Millimeter-Wave/Terahertz Application. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2022</b> , 1-4	2.6	1
330	Photonic Generation of a Windowed Phase-Coded Microwave Waveform With Suppressed Spectrum Sidelobes. <i>Journal of Lightwave Technology</i> , <b>2022</b> , 1-1	4	3
329	A Microwave Photonic Link With Quadrupled Capacity Based on Coherent Detection and Digital Phase Noise Cancellation. <i>Journal of Lightwave Technology</i> , <b>2022</b> , 1-1	4	0
328	Extremely Low-Profile Periodic 2D Leaky-Wave Antenna: An Optimal Solution for Antenna-Frontend Integration. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	1
327	Single-mode narrow-linewidth fiber ring laser with SBS-assisted parity-time symmetry for mode selection. <i>Optics Express</i> , <b>2022</b> , 30, 20809	3.3	2
326	Microwave Photonic Interrogation of a High-Speed and High-Resolution Multipoint Refractive Index Sensor. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 1-1	4	1
325	A Parity-Time-Symmetric Optoelectronic Oscillator Based on Non-Reciprocal Electro-Optic Modulation. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 2305-2310	4	3
324	Microwave Photonic Sensors. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 3626-3637	4	8
323	Microwave Photonic Interrogation of a High-Speed and High-Resolution Temperature Sensor Based on Cascaded Fiber-Optic Sagnac Loops. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 4041-4048	4	1
322	UAV-Enabled Data Collection for Wireless Sensor Networks with Distributed Beamforming. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	7
321	Photonic Generation of Wideband Chirped Microwave Waveforms. <i>IEEE Journal of Microwaves</i> , <b>2021</b> , 1, 787-803		6
320	Broadband Instantaneous Multi-Frequency Measurement Based on a Fourier Domain Mode-Locked Laser. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2021</b> , 1-1	4.1	1
319	Secrecy Offloading Rate Maximization for Multi-Access Mobile Edge Computing Networks. <i>IEEE Communications Letters</i> , <b>2021</b> , 1-1	3.8	3
318	Low jitter microwave pulse train generation based on an optoelectronic oscillator. <i>Optics Express</i> , <b>2021</b> , 29, 33491-33501	3.3	0
317	Microwave Photonic Link with Improved Dynamic Range for Long-Haul Multi-Octave Applications. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 1-1	4	2

316	A High Spectral Efficiency Radio Over Fiber Link Based on Coherent Detection and Digital Phase Noise Cancellation. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 1-1	4	2
315	Passband-Switchable and Frequency-Tunable Dual-Passband Microwave Photonic Filter. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 5333-5338	4	3
314	Truly Distributed and Ultra-Fast Microwave Photonic Fiber-Optic Sensor. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 1-1	4	1
313	Parity-Time Symmetry in a Single-Loop Photonic System. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 1-1	4	0
312	Parity-time symmetry in wavelength space within a single spatial resonator. <i>Nature Communications</i> , <b>2020</b> , 11, 3217	17.4	14
311	Photonic-Assisted Regenerative Microwave Frequency Divider With a Tunable Division Factor. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 5509-5516	4	6
310	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2020</b> , 26, 1-8	3.8	2
309	Recent advances in optoelectronic oscillators. <i>Advanced Photonics</i> , <b>2020</b> , 2, 1	8.1	39
308	Parity-time-symmetric frequency-tunable optoelectronic oscillator with a single dual-polarization optical loop. <i>Optics Letters</i> , <b>2020</b> , 45, 3139-3142	3	7
307	Frequency-tunable parity-time-symmetric optoelectronic oscillator using a polarization-dependent Sagnac loop <b>2020</b> ,		1
306	Photonic integrated field-programmable disk array signal processor. <i>Nature Communications</i> , <b>2020</b> , 11, 406	17.4	26
305	Fully Reconfigurable Waveguide Bragg Gratings for Programmable Photonic Signal Processing. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 202-214	4	0
304	High-Speed and High-Resolution Microwave Photonic Interrogation of a Fiber-Optic Refractometer With Plasmonic Spectral Comb. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 2073-2080	4	4
303	Hybrid Frequency-Tunable Parity-Time Symmetric Optoelectronic Oscillator. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 2127-2133	4	12
302	Polarimetric parity-time symmetry in a photonic system. <i>Light: Science and Applications</i> , <b>2020</b> , 9, 169	16.7	12
301	Frequency-Tunable Parity-Time-Symmetric Optoelectronic Oscillator Using a Polarization-Dependent Sagnac Loop. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 5327-5332	4	7
300	Hybrid Fourier-domain mode-locked laser for ultra-wideband linearly chirped microwave waveform generation. <i>Nature Communications</i> , <b>2020</b> , 11, 3814	17.4	16
299	Joint 3D Maneuver and Power Adaptation for Secure UAV Communication With CoMP Reception. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 6992-7006	9.6	13

298	Photonic-Assisted RF Self-Interference Cancellation With Improved Spectrum Efficiency and Fiber Transmission Capability. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 761-768	4	17
297	Integrated microwave photonics. <i>Nature Photonics</i> , <b>2019</b> , 13, 80-90	33-9	334
296	A Multifunctional Photonic Integrated Circuit for Diverse Microwave Signal Generation, Transmission, and Processing. <i>Laser and Photonics Reviews</i> , <b>2019</b> , 13, 1800240	8.3	28
295	Simultaneous Multi-Frequency Phase-Coded Microwave Signal Generation at Six Different Frequencies Using a DP-BPSK Modulator. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 2293-2299	4	15
294	Exploiting Physical-Layer Security for Multiuser Multicarrier Computation Offloading. <i>IEEE Wireless Communications Letters</i> , <b>2019</b> , 8, 9-12	5.9	43
293	A Multi-Antenna GNSS-Over-Fiber System for High Accuracy Three-Dimensional Baseline Measurement. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 4201-4209	4	5
292	Secrecy Transmission in Large-Scale UAV-Enabled Wireless Networks. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 7656-7671	6.9	17
291	Secrecy Transmission Capacity of Large-Scale UAV-Enabled Wireless Networks <b>2019</b> ,		4
290	Microwave Photonic Based 1/n Frequency Divider <b>2019</b> ,		1
289	Wideband and Continuously Tunable Microwave Photonic Phase Shifter Based on an Active InP/InGaAsP Microring Resonator <b>2019</b> ,		2
288	Silicon photonic integrated circuits for microwave signal generation and processing <b>2019</b> ,		1
287	Microwave photonics for 5G <b>2019</b> ,		4
286	Tunable single-longitudinal-mode laser based on polarimetric PT symmetry <b>2019</b> ,		1
285	High dynamic range and wavelength-reused bidirectional radio-over-fiber link. <i>Optics Letters</i> , <b>2019</b> , 44, 1331-1334	3	3
284	Real-time and high-precision interrogation of a linearly chirped fiber Bragg grating sensor array based on dispersive time delay and optical pulse compression. <i>Optics Letters</i> , <b>2019</b> , 44, 3246-3249	3	4
283	High-speed and high-precision torsion sensor based on polarization-induced microwave photonic phase shift measurement. <i>Optics Letters</i> , <b>2019</b> , 44, 3462-3465	3	2
282	3D Trajectory Optimization for Secure UAV Communication with CoMP Reception <b>2019</b> ,		6
281	Widely Tunable Parity-Time-Symmetric Optoelectronic Oscillator Based on a Silicon Microdisk Resonator <b>2019</b> ,		4

280	A Monolithically Integrated and Widely Tunable Silicon Photonic Microwave Photonic Filter <b>2019</b> ,		1
279	High-Sensitivity Instantaneous Microwave Frequency Measurement Based on a Silicon Photonic Integrated Fano Resonator. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 2527-2533	4	9
278	Secure UAV Communication With Cooperative Jamming and Trajectory Control. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 286-289	3.8	78
277	Electrically Programmable On-Chip Equivalent-Phase-Shifted Waveguide Bragg Grating on Silicon. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 314-322	4	5
276	Microwave Photonic Link With Improved Dynamic Range Through Phase Shift of the Optical Carrier Band. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 964-970	4	12
275	A fully reconfigurable waveguide Bragg grating for programmable photonic signal processing. <i>Nature Communications</i> , <b>2018</b> , 9, 1396	17.4	58
274	Broadband Photonic Microwave Signal Processor With Frequency Up/Down Conversion and Phase Shifting Capability. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-12	1.8	14
273	On-chip silicon photonic integrated frequency-tunable bandpass microwave photonic filter. <i>Optics Letters</i> , <b>2018</b> , 43, 3622-3625	3	27
272	On-Chip Sensor for Simultaneous Temperature and Refractive Index Measurements Based on a Dual-Passband Microwave Photonic Filter. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 4099-4105	4	10
271	Silicon Photonic Integrated Optoelectronic Oscillator for Frequency-Tunable Microwave Generation. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 4655-4663	4	47
270	Breaking the limitation of mode building time in an optoelectronic oscillator. <i>Nature Communications</i> , <b>2018</b> , 9, 1839	17.4	79
269	High-Speed and High-Resolution Interrogation of a Silicon Photonic Microdisk Sensor Based on Microwave Photonic Filtering. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 4243-4249	4	10
268	Parity-time-symmetric optoelectronic oscillator. <i>Science Advances</i> , <b>2018</b> , 4, eaar6782	14.3	50
267	Photonic Generation of Pseudo Random Microwave Waveform Based on a Random Fiber Grating <b>2018</b> ,		1
266	Integrated Multi-Channel Millimeter Wave Photonic Generation Based on A Silicon Chip with Automated Polarization Control <b>2018</b> ,		1
265	Tunable Silicon Photonic RF Phase Shifter With Low RF Power Variation Based on Constructive Interference of an Add-Drop Ring Resonator. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-8	1.8	7
264	Programmable On-Chip Photonic Signal Processor Based on a Microdisk Resonator Array <b>2018</b> ,		1
263	High-Speed and High-Resolution Interrogation of a Strain and Temperature Random Grating Sensor. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 5587-5592	4	12

262	Optical dynamic memory based on an integrated active ring resonator. <i>Optics Letters</i> , <b>2018</b> , 43, 4687-4690		4
261	Optoelectronic Oscillators for High Speed and High Resolution Optical Sensing. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 3489-3497	4	72
260	High-resolution and temperature-compensational HER2 antigen detection based on microwave photonic interrogation. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 245, 583-589	8.5	19
259	Broadband Microwave Signal Processing Based on Photonic Dispersive Delay Lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2017</b> , 65, 1891-1903	4.1	11
258	An integrated parity-time symmetric wavelength-tunable single-mode microring laser. <i>Nature Communications</i> , <b>2017</b> , 8, 15389	17.4	63
257	Wavelength Reuse in an RoF Link Based on CS-DSB, Coherent Detection and DSP. <i>IEEE Photonics Technology Letters</i> , <b>2017</b> , 29, 975-978	2.2	3
256	Photonics-Based Wideband Microwave Phase Shifter. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-10	1.8	4
255	Data Rate Quadrupled Coherent Microwave Photonic Link. <i>IEEE Photonics Technology Letters</i> , <b>2017</b> , 29, 1071-1074	2.2	5
254	Silicon-Based Integrated Tunable Fractional Order Photonic Temporal Differentiators. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 2487-2493	4	10
253	Dual-frequency Optoelectronic Oscillator for Thermal-Insensitive Interrogation of a FBG Strain Sensor. <i>IEEE Photonics Technology Letters</i> , <b>2017</b> , 29, 357-360	2.2	29
252	Photonic Generation of a Phase-Coded Chirp Microwave Waveform With Increased TBWP. <i>IEEE Photonics Technology Letters</i> , <b>2017</b> , 29, 1420-1423	2.2	18
251	Photonics-Based Broadband Microwave Measurement. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 3498-3513	4.1	117
250	Photonic integrated circuits for microwave photonics <b>2017</b> ,		2
249	A silicon photonic integrated frequency-tunable optoelectronic oscillator <b>2017</b> ,		3
248	A silicon photonic integrated frequency-tunable microwave photonic bandpass filter <b>2017</b> ,		4
247	Two Microwave Vector Signal Transmission on a Single Optical Carrier Based on PM-IM Conversion Using an On-Chip Optical Hilbert Transformer. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 1-1	4	2
246	Silicon-Based Single-Mode On-Chip Ultracompact Microdisk Resonators With Standard Silicon Photonics Foundry Process. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 4418-4424	4	7
245	Photonics for microwave measurements. <i>Laser and Photonics Reviews</i> , <b>2016</b> , 10, 711-734	8.3	150

244	A Microwave Photonic Signal Processor for Arbitrary Microwave Waveform Generation and Pulse Compression. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 5610-5615	4	10
243	Reconfigurable Optical Signal Processing Based on a Distributed Feedback Semiconductor Optical Amplifier. <i>Scientific Reports</i> , <b>2016</b> , 6, 19985	4.9	16
242	Wavelength Reuse in a Symmetrical Radio Over WDM-PON Based on Polarization Multiplexing and Coherent Detection. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 1150-1157	4	14
241	A fully reconfigurable photonic integrated signal processor. <i>Nature Photonics</i> , <b>2016</b> , 10, 190-195	33.9	195
240	Silicon-Based Integrated Microwave Photonics. <i>IEEE Journal of Quantum Electronics</i> , <b>2016</b> , 52, 1-12	2	58
239	Tunable Single Bandpass Microwave Photonic Filter With an Improved Dynamic Range. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 11-14	2.2	23
238	High speed and high resolution interrogation of a fiber Bragg grating sensor based on microwave photonic filtering and chirped microwave pulse compression. <i>Optics Letters</i> , <b>2016</b> , 41, 4859-4862	3	16
237	A Wavelength Tunable Optical Buffer Based on Self-Pulsation in an Active Microring Resonator. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 3466-3472	4	10
236	Silicon-Based On-Chip Electrically-Tunable Spectral Shaper for Continuously Tunable Linearly Chirped Microwave Waveform Generation. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 4664-4672	4	24
235	An Optoelectronic Oscillator for High Sensitivity Temperature Sensing. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 1458-1461	2.2	49
234	A Photonic Approach to Linearly Chirped Microwave Waveform Generation With an Extended Temporal Duration. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2016</b> , 64, 1947-1953	4.1	8
233	Photonic-Assisted Microwave Temporal Convolution. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 4652-4657	4	4
232	Photonic True-Time Delay Beamforming Using a Switch-Controlled Wavelength-Dependent Recirculating Loop. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 3923-3929	4	19
231	Ultrafast Surface Imaging With an Increased Spatial Resolution Based on Polarization-Division Multiplexing. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 396-402	4	13
230	. <i>IEEE Microwave Magazine</i> , <b>2015</b> , 16, 46-60	1.2	61
229	Frequency- and Notch-Depth-Tunable Single-Notch Microwave Photonic Filter. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 2063-2066	2.2	22
228	A High Spectral Efficiency Coherent Microwave Photonic Link Employing Both Amplitude and Phase Modulation With Digital Phase Noise Cancellation. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 1-1	4	23
227	Frequency Tunable Continuous THz Wave Generation in a Periodically Poled Fiber. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2015</b> , 5, 470-477	3.4	2

226	Millimeter-Wave Vector Signal Generation Based on a Bi-Directional Use of a Polarization Modulator in a Sagnac Loop. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 251-257	4	22
225	Photonic generation of a linearly chirped microwave waveform with long temporal duration using a dispersive loop <b>2015</b> ,		4
224	Bandstop-to-Bandpass Microwave Photonic Filter Using a Phase-Shifted Fiber Bragg Grating. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 5133-5139	4	37
223	Tunable Dual-Passband Microwave Photonic Filter Using Orthogonal Polarization Modulation. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 2209-2212	2.2	16
222	Ultrafast Three-Dimensional Surface Imaging Based on Short-Time Fourier Transform. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 2264-2267	2.2	14
221	A Phase-Modulated Microwave Photonic Link With an Extended Transmission Distance. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 2563-2566	2.2	17
220	Broadband and Precise Microwave Time Reversal Using a Single Linearly Chirped Fiber Bragg Grating. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2015</b> , 63, 2166-2172	4.1	7
219	Photonic Generation of Linearly Chirped Microwave Waveforms Using a Silicon-Based On-Chip Spectral Shaper Incorporating Two Linearly Chirped Waveguide Bragg Gratings. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 5047-5054	4	24
218	Independently Tunable Multichannel Fractional-Order Temporal Differentiator Based on a Silicon-Photonic Symmetric Mach-Zehnder Interferometer Incorporating Cascaded Microring Resonators. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 361-367	4	13
217	Microwave Photonics for High-Resolution and High-Speed Interrogation of Fiber Bragg Grating Sensors. <i>Fiber and Integrated Optics</i> , <b>2015</b> , 34, 204-216	0.8	35
216	Dynamic-Range Enhancement for a Microwave Photonic Link Based on a Polarization Modulator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2015</b> , 63, 2384-2389	4.1	6
215	Dual-Chirp Microwave Waveform Generation Using a Dual-Parallel Mach-Zehnder Modulator. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 1410-1413	2.2	65
214	Interrogation of a linearly chirped fiber Bragg grating sensor with high resolution using a linearly chirped optical waveform. <i>Optics Letters</i> , <b>2015</b> , 40, 4923-6	3	18
213	Optically tunable single passband microwave photonic filter based on phase-modulation to intensity-modulation conversion in a silicon-on-insulator microring resonator <b>2015</b> ,		6
212	Photonic generation of linearly chirped microwave waveform with a large time-bandwidth product using a silicon-based on-chip spectral shaper <b>2015</b> ,		4
211	Photonic generation of a linearly chirped microwave waveform with a large time-bandwidth product based on self-heterodyne technique <b>2015</b> ,		15
210	Ultrafast Three-Dimensional Serial Time-Encoded Imaging With High Vertical Resolution. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 4622-4626	4	1
209	High-Speed Spiking and Bursting Oscillations in a Long-Delayed Broadband Optoelectronic Oscillator. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 503-510	4	15



208	A Dual-Wavelength Fiber Ring Laser Incorporating an Injection-Coupled Optoelectronic Oscillator and Its Application to Transverse Load Sensing. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 1784-1793	4	58
207	Wavelength Reuse in a UWB Over WDM-PON Based on Injection Locking of a Fabry-Pérot Laser Diode and Polarization Multiplexing. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 220-227	4	12
206	A Photonic Temporal Integrator With an Ultra-Long Integration Time Window Based on an InP-InGaAsP Integrated Ring Resonator. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 3654-3659	4	17
205	Photonic Generation of Microwave Waveforms Based on a Polarization Modulator in a Sagnac Loop. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 3637-3644	4	61
204	Tunable Optoelectronic Oscillator Incorporating a Single Passband Microwave Photonic Filter. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 326-329	2.2	40
203	Stable and Frequency-Hopping-Free Microwave Generation Based on a Mutually Injection-Locked Optoelectronic Oscillator and a Dual-Wavelength Single-Longitudinal-Mode Fiber Laser. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 4174-4179	4	6
202	Digital Phase Noise Cancellation for a Coherent-Detection Microwave Photonic Link. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 805-808	2.2	16
201	Microwave vector signal transmission over an optical fiber based on IQ modulation and coherent detection. <i>Optics Letters</i> , <b>2014</b> , 39, 1509-12	3	20
200	Generation of Linearly Chirped Microwave Waveform With an Increased Time-Bandwidth Product Based on a Tunable Optoelectronic Oscillator and a Recirculating Phase Modulation Loop. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 3573-3579	4	74
199	Microwave Photonic Filter With Two Independently Tunable Passbands Using a Phase Modulator and an Equivalent Phase-Shifted Fiber Bragg Grating. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2014</b> , 62, 380-387	4.1	38
198	Ultrawideband RF Photonic Phase Shifter Using Two Cascaded Polarization Modulators. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 911-914	2.2	10
197	Microwave Photonic Hilbert Transformer Based on a Single Passband Microwave Photonic Filter for Simultaneous Channel Selection and Signal Processing. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 2996-3001	4	3
196	Optical Differentiator Based on an Integrated Sidewall Phase-Shifted Bragg Grating. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 2383-2386	2.2	23
195	Recent progresses on optical arbitrary waveform generation. <i>Frontiers of Optoelectronics</i> , <b>2014</b> , 7, 359-373	3	19
194	Broadband and precise microwave time reversal using a single linearly chirped fiber Bragg grating <b>2014</b> ,		4
193	Largely chirped microwave waveform generation using a silicon-based on-chip optical spectral shaper <b>2014</b> ,		8
192	A coherent microwave photonic link With digital phase noise cancellation <b>2014</b> ,		4
191	Ultra-wideband microwave photonic phase shifter with a 360° tunable phase shift based on an erbium-ytterbium co-doped linearly chirped FBG. <i>Optics Letters</i> , <b>2014</b> , 39, 922-4	3	27

190	Time-stretched sampling of a fast microwave waveform based on the repetitive use of a linearly chirped fiber Bragg grating in a dispersive loop. <i>Optica</i> , <b>2014</b> , 1, 64	8.6	29
189	Frequency-Multiplying Optoelectronic Oscillator With a Tunable Multiplication Factor. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2013</b> , 61, 3479-3485	4.1	21
188	Photonic-Assisted Microwave Channelizer With Improved Channel Characteristics Based on Spectrum-Controlled Stimulated Brillouin Scattering. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2013</b> , 61, 3470-3478	4.1	63
187	Tunable Optical Frequency Comb Generation Based on an Optoelectronic Oscillator. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 2035-2038	2.2	34
186	Echelle Diffractive Grating Based Wavelength Interrogator for Potential Aerospace Applications. <i>Journal of Lightwave Technology</i> , <b>2013</b> , 31, 2099-2105	4	9
185	Advanced DSP technique for dynamic range improvement of a phase-modulation and coherent-detection microwave photonic link <b>2013</b> ,		10
184	Microfiber Fabry-Pérot Interferometer for Dual-Parameter Sensing. <i>Journal of Lightwave Technology</i> , <b>2013</b> , 31, 1608-1615	4	25
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37	Photonic Microwave Filter with Negative Coefficients Based on Cross Polarization Modulation in a Semiconductor Optical Amplifier <b>2007</b> ,		4
36	All-Optical High-Frequency Electrical Chirped Pulse Generation using a Nonlinearly Chirped Fiber Bragg Grating <b>2007</b> ,		1
35	All-Optical Electrical Chirped Pulse Generation with Tunable Chirp Rate based on a Nonlinearly Chirped Fiber Bragg Grating <b>2007</b> ,		2
34	A True Time Delay Beamforming System Incorporating a Wavelength Tunable Optical Phase-Lock Loop. <i>Journal of Lightwave Technology</i> , <b>2007</b> , 25, 1761-1770	4	13
33	Tunable Photonic Microwave Bandpass Filter With Negative Coefficients Implemented Using an Optical Phase Modulator and Chirped Fiber Bragg Gratings. <i>Journal of Lightwave Technology</i> , <b>2007</b> , 25, 3283-3288	4	17
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27	Photonic generation of microwave signal using a rational harmonic mode-locked fiber ring laser. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2006</b> , 54, 763-767	4.1	51
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24	A tunable photonic microwave notch filter based on all-optical mixing. <i>IEEE Photonics Technology Letters</i> , <b>2006</b> , 18, 382-384	2.2	23
23	Optical Single Sideband Modulation Using an Ultranarrow Dual-Transmission-Band Fiber Bragg Grating. <i>IEEE Photonics Technology Letters</i> , <b>2006</b> , 18, 2230-2232	2.2	64
22	Discriminator-Aided Optical Phase-Lock Loop Incorporating a Frequency Down-Conversion Module. <i>IEEE Photonics Technology Letters</i> , <b>2006</b> , 18, 2344-2346	2.2	36
21	Millimeter-Wave Frequency Tripling Based on Four-Wave Mixing in a Semiconductor Optical Amplifier. <i>IEEE Photonics Technology Letters</i> , <b>2006</b> , 18, 2460-2462	2.2	58
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13	Investigation of phase-modulator-based all-optical bandpass microwave filter. <i>Journal of Lightwave Technology</i> , <b>2005</b> , 23, 1721-1728	4	83
12	Optical generation and distribution of continuously tunable millimeter-wave signals using an optical phase modulator. <i>Journal of Lightwave Technology</i> , <b>2005</b> , 23, 2687-2695	4	108
11	All-optical microwave mixing and bandpass filtering in a radio-over-fiber link. <i>IEEE Photonics Technology Letters</i> , <b>2005</b> , 17, 899-901	2.2	15

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9	Single-longitudinal-mode fiber ring laser employing an equivalent phase-shifted fiber Bragg grating. <i>IEEE Photonics Technology Letters</i> , <b>2005</b> , 17, 1390-1392	2.2	84
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