

Jianping Yao

List of Publications by Year in descending order

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236
papers

13,554
citations

23879

60
h-index

27587

110
g-index

239
all docs

239
docs citations

239
times ranked

4737
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave Photonic Interrogation of a High-Speed and High-Resolution Multipoint Refractive Index Sensor. <i>Journal of Lightwave Technology</i> , 2022, 40, 1245-1251.	2.7	3
2	Photonic generation of a microwave waveform with an ultra-long temporal duration using a frequency-shifting dispersive loop. <i>Optics Express</i> , 2022, 30, 4737.	1.7	2
3	Microwave photonic link to transmit four microwave vector signals on a single optical carrier based on coherent detection and digital signal processing. <i>Optics Express</i> , 2022, 30, 6690.	1.7	5
4	Broadband Optical Heterodyne Millimeter-Wave-over-Fiber Wireless Links Based on a Quantum Dash Dual-Wavelength DFB Laser. <i>Journal of Lightwave Technology</i> , 2022, 40, 3698-3708.	2.7	13
5	Injection-locked parity-time-symmetric optoelectronic oscillator with ultra-high sidemode suppression. , 2022, , .		0
6	High resolution liquid refractive index sensing with tunable sensitivity based on a two-tap microwave photonic filter. , 2022, , .		0
7	Single-mode narrow-linewidth fiber ring laser with SBS-assisted parity-time symmetry for mode selection. <i>Optics Express</i> , 2022, 30, 20809.	1.7	10
8	Silicon Photonic Integrated Fano Resonator With Increased Slope Rate for Microwave Signal Processing. <i>Journal of Lightwave Technology</i> , 2022, 40, 6911-6918.	2.7	1
9	Photonic Generation of Wideband Chirped Microwave Waveforms. <i>IEEE Journal of Microwaves</i> , 2021, 1, 787-803.	4.9	29
10	Broadband Instantaneous Multi-Frequency Measurement Based on a Fourier Domain Mode-Locked Laser. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021, 69, 4576-4583.	2.9	11
11	Large-Scale 3D Baseline Measurement Based on Phase-Stabilized GNSS-Over-Fiber System. <i>Journal of Lightwave Technology</i> , 2021, 39, 6796-6804.	2.7	0
12	A Parity-Time-Symmetric Optoelectronic Oscillator Based on Non-Reciprocal Electro-Optic Modulation. <i>Journal of Lightwave Technology</i> , 2021, 39, 2305-2310.	2.7	9
13	Widely Wavelength-Tunable Parity-Time Symmetric Single-Longitudinal-Mode Fiber Ring Laser With a Single Physical Loop. <i>Journal of Lightwave Technology</i> , 2021, 39, 2151-2157.	2.7	11
14	Microwave Photonic Sensors. <i>Journal of Lightwave Technology</i> , 2021, 39, 3626-3637.	2.7	42
15	Low jitter microwave pulse train generation based on an optoelectronic oscillator. <i>Optics Express</i> , 2021, 29, 33491.	1.7	2
16	Microwave Photonic Link With Improved Dynamic Range for Long-Haul Multi-Octave Applications. <i>Journal of Lightwave Technology</i> , 2021, 39, 7915-7924.	2.7	3
17	A High Spectral Efficiency Radio Over Fiber Link Based on Coherent Detection and Digital Phase Noise Cancellation. <i>Journal of Lightwave Technology</i> , 2021, 39, 6443-6449.	2.7	9
18	All-Optical Windowed Binary Phase-Coded Microwave Waveform Generation. , 2021, , .		1

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19	SiP Fano Resonator With Increased Slope Rate for Microwave Signal Processing. , 2021, , .		1
20	Low Time Jitter Microwave Pulse Train Generation Based on an Optoelectronic Oscillator. , 2021, , .		1
21	Radio Over Fiber Links With Increased Spectral Efficiency Based on Coherent Detection and Digital Processing. , 2021, , .		1
22	Photonic-Assisted RF Self-Interference Cancellation With Improved Spectrum Efficiency and Fiber Transmission Capability. Journal of Lightwave Technology, 2020, 38, 761-768.	2.7	31
23	Fully Reconfigurable Waveguide Bragg Gratings for Programmable Photonic Signal Processing. Journal of Lightwave Technology, 2020, 38, 202-214.	2.7	12
24	Photonics-Based Microwave Frequency Mixing: Methodology and Applications. Laser and Photonics Reviews, 2020, 14, 1800350.	4.4	63
25	High-Speed and High-Resolution Microwave Photonic Interrogation of a Fiber-Optic Refractometer With Plasmonic Spectral Comb. Journal of Lightwave Technology, 2020, 38, 2073-2080.	2.7	7
26	Polarimetric parity-time symmetry in a photonic system. Light: Science and Applications, 2020, 9, 169.	7.7	37
27	Frequency-Tunable Parity-Time-Symmetric Optoelectronic Oscillator Using a Polarization-Dependent Sagnac Loop. Journal of Lightwave Technology, 2020, 38, 5327-5332.	2.7	19
28	Hybrid Fourier-domain mode-locked laser for ultra-wideband linearly chirped microwave waveform generation. Nature Communications, 2020, 11, 3814.	5.8	42
29	Parity-time symmetry in wavelength space within a single spatial resonator. Nature Communications, 2020, 11, 3217.	5.8	53
30	Photonic-Assisted Regenerative Microwave Frequency Divider With a Tunable Division Factor. Journal of Lightwave Technology, 2020, 38, 5509-5516.	2.7	9
31	Photonic integrated field-programmable disk array signal processor. Nature Communications, 2020, 11, 406.	5.8	70
32	Recent advances in optoelectronic oscillators. Advanced Photonics, 2020, 2, 1.	6.2	83
33	Wavelength-tunable PT-symmetric single-longitudinal-mode fiber laser with a single physical loop. , 2020, , .		3
34	Observation of PT-symmetry in a fiber ring laser. Optics Letters, 2020, 45, 1027.	1.7	14
35	Parity-time-symmetric frequency-tunable optoelectronic oscillator with a single dual-polarization optical loop. Optics Letters, 2020, 45, 3139.	1.7	23
36	Frequency-tunable parity-time-symmetric optoelectronic oscillator using a polarization-dependent Sagnac loop. , 2020, , .		1

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37	A single-loop PT-symmetric sub-kHz fiber laser based on an integrated microdisk resonator. , 2020, , .		1
38	A Parity-Time-Symmetric Optoelectronic Oscillator Based on Non-Reciprocal Electro-Optic Modulation. , 2020, , .		1
39	In-Fiber Nonreciprocal Light Transmission Based on Parity-Time Symmetry With Coupled Fabry-Perot Resonators. , 2020, , .		0
40	An Approach to Wideband and High Accuracy Microwave Photonic Signal Carrier Recovery Based on Carrier Period Measurement. IEEE Photonics Journal, 2019, 11, 1-14.	1.0	0
41	Microwave Photonic Based 1/n Frequency Divider. , 2019, , .		1
42	Wideband and Continuously Tunable Microwave Photonic Phase Shifter Based on an Active InP/InGaAsP Microring Resonator. , 2019, , .		3
43	Integrated microwave photonics. Nature Photonics, 2019, 13, 80-90.	15.6	722
44	A Multifunctional Photonic Integrated Circuit for Diverse Microwave Signal Generation, Transmission, and Processing. Laser and Photonics Reviews, 2019, 13, 1800240.	4.4	42
45	Simultaneous Multi-Frequency Phase-Coded Microwave Signal Generation at Six Different Frequencies Using a DP-BPSK Modulator. Journal of Lightwave Technology, 2019, 37, 2293-2299.	2.7	19
46	A Parity-Time-Symmetric Optoelectronic Oscillator Based on Dual-Wavelength Carriers in a Single Spatial Optoelectronic Loop. , 2019, , .		0
47	Widely Tunable Parity-Time-Symmetric Optoelectronic Oscillator Based on a Silicon Microdisk Resonator. , 2019, , .		6
48	A Center Frequency and Bandwidth Tunable Microwave Photonic Band-Stop Filter Based on an InP/InGaAsP Micro-Ring Resonator. , 2019, , .		2
49	A Monolithically Integrated and Widely Tunable Silicon Photonic Microwave Photonic Filter. , 2019, , .		1
50	High-Sensitivity Instantaneous Microwave Frequency Measurement Based on a Silicon Photonic Integrated Fano Resonator. Journal of Lightwave Technology, 2019, 37, 2527-2533.	2.7	34
51	Electrically Programmable On-Chip Equivalent-Phase-Shifted Waveguide Bragg Grating on Silicon. Journal of Lightwave Technology, 2019, 37, 314-322.	2.7	6
52	Microwave Photonic Link With Improved Dynamic Range Through π Phase Shift of the Optical Carrier Band. Journal of Lightwave Technology, 2019, 37, 964-970.	2.7	19
53	Tunable single-longitudinal-mode laser based on polarimetric PT symmetry. , 2019, , .		1
54	Real-time random grating sensor array for quasi-distributed sensing based on wavelength-to-time mapping and time-division multiplexing. Optics Letters, 2019, 44, 379.	1.7	16

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55	High dynamic range and wavelength-reused bidirectional radio-over-fiber link. Optics Letters, 2019, 44, 1331.	1.7	7
56	On-chip two-step microwave frequency measurement with high accuracy and ultra-wide bandwidth using add-drop micro-disk resonators. Optics Letters, 2019, 44, 2402.	1.7	24
57	Real-time and high-precision interrogation of a linearly chirped fiber Bragg grating sensor array based on dispersive time delay and optical pulse compression. Optics Letters, 2019, 44, 3246.	1.7	9
58	Fully reconfigurable waveguide Bragg gratings for programmable photonic signal processing. , 2019, , .		0
59	Electrically Programmable Equivalent-Phase-Shifted Waveguide Bragg Grating for Multichannel Signal Processing. , 2019, , .		0
60	High-speed and high-precision torsion sensor based on polarization-induced microwave photonic phase shift measurement. Optics Letters, 2019, 44, 3462.	1.7	3
61	A fully reconfigurable waveguide Bragg grating for programmable photonic signal processing. Nature Communications, 2018, 9, 1396.	5.8	101
62	Integrated Multi-Channel Millimeter Wave Photonic Generation Based on A Silicon Chip with Automated Polarization Control. , 2018, , .		2
63	Programmable On-Chip Photonic Signal Processor Based on a Microdisk Resonator Array. , 2018, , .		1
64	High-Speed and High-Resolution Interrogation of a Strain and Temperature Random Grating Sensor. Journal of Lightwave Technology, 2018, 36, 5587-5592.	2.7	16
65	Optical dynamic memory based on an integrated active ring resonator. Optics Letters, 2018, 43, 4687.	1.7	7
66	A special issue on Photonics Research in Canada. Frontiers of Optoelectronics, 2018, 11, 105-106.	1.9	0
67	On-chip silicon photonic integrated frequency-tunable bandpass microwave photonic filter. Optics Letters, 2018, 43, 3622.	1.7	57
68	On-Chip Sensor for Simultaneous Temperature and Refractive Index Measurements Based on a Dual-Passband Microwave Photonic Filter. Journal of Lightwave Technology, 2018, 36, 4099-4105.	2.7	20
69	Silicon Photonic Integrated Optoelectronic Oscillator for Frequency-Tunable Microwave Generation. Journal of Lightwave Technology, 2018, 36, 4655-4663.	2.7	79
70	Breaking the limitation of mode building time in an optoelectronic oscillator. Nature Communications, 2018, 9, 1839.	5.8	140
71	High-Speed and High-Resolution Interrogation of a Silicon Photonic Microdisk Sensor Based on Microwave Photonic Filtering. Journal of Lightwave Technology, 2018, 36, 4243-4249.	2.7	25
72	Parity-timeâ€“symmetric optoelectronic oscillator. Science Advances, 2018, 4, eaar6782.	4.7	109

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73	Thermally tunable ultracompact Fano resonator on a silicon photonic chip. Optics Letters, 2018, 43, 5415.	1.7	17
74	Photonic Integrated Circuits for Microwave Photonics. , 2018, , .		0
75	Photonic Generation of Pseudo Random Microwave Waveform Based on a Random Fiber Grating. , 2018, , .		3
76	Optoelectronic Oscillators for High Speed and High Resolution Optical Sensing. Journal of Lightwave Technology, 2017, 35, 3489-3497.	2.7	108
77	Broadband Microwave Signal Processing Based on Photonic Dispersive Delay Lines. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1891-1903.	2.9	22
78	An integrated parity-time symmetric wavelength-tunable single-mode microring laser. Nature Communications, 2017, 8, 15389.	5.8	102
79	Data Rate Quadrupled Coherent Microwave Photonic Link. IEEE Photonics Technology Letters, 2017, 29, 1071-1074.	1.3	9
80	Dual-frequency Optoelectronic Oscillator for Thermal-Insensitive Interrogation of a FBG Strain Sensor. IEEE Photonics Technology Letters, 2017, 29, 357-360.	1.3	43
81	Photonic Generation of a Phase-Coded Chirp Microwave Waveform With Increased TBWP. IEEE Photonics Technology Letters, 2017, 29, 1420-1423.	1.3	29
82	Photonics-Based Broadband Microwave Measurement. Journal of Lightwave Technology, 2017, 35, 3498-3513.	2.7	207
83	Photonic integrated circuits for microwave photonics. , 2017, , .		4
84	Two Microwave Vector Signal Transmission on a Single Optical Carrier Based on PM-IM Conversion Using an On-chip Optical Hilbert Transformer. Journal of Lightwave Technology, 2017, , 1-1.	2.7	5
85	Silicon-Based Single-Mode On-Chip Ultracompact Microdisk Resonators With Standard Silicon Photonics Foundry Process. Journal of Lightwave Technology, 2017, 35, 4418-4424.	2.7	14
86	High speed and high resolution interrogation of a fiber Bragg grating sensor based on microwave photonic filtering and chirped microwave pulse compression. Optics Letters, 2016, 41, 4859.	1.7	24
87	Silicon-Based On-Chip Electrically-Tunable Spectral Shaper for Continuously Tunable Linearly Chirped Microwave Waveform Generation. Journal of Lightwave Technology, 2016, 34, 4664-4672.	2.7	39
88	Optically tunable Fano resonance in a grating-based Fabry-Pérot cavity-coupled microring resonator on a silicon chip. Optics Letters, 2016, 41, 2474.	1.7	50
89	An Optoelectronic Oscillator for High Sensitivity Temperature Sensing. IEEE Photonics Technology Letters, 2016, 28, 1458-1461.	1.3	62
90	A Photonic Approach to Linearly Chirped Microwave Waveform Generation With an Extended Temporal Duration. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 1947-1953.	2.9	10

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91	Photonic-Assisted Microwave Temporal Convolution. Journal of Lightwave Technology, 2016, 34, 4652-4657.	2.7	7
92	Photonic True-Time Delay Beamforming Using a Switch-Controlled Wavelength-Dependent Recirculating Loop. Journal of Lightwave Technology, 2016, 34, 3923-3929.	2.7	44
93	Photonics for microwave measurements. Laser and Photonics Reviews, 2016, 10, 711-734.	4.4	261
94	A Microwave Photonic Signal Processor for Arbitrary Microwave Waveform Generation and Pulse Compression. Journal of Lightwave Technology, 2016, 34, 5610-5615.	2.7	12
95	Reconfigurable Optical Signal Processing Based on a Distributed Feedback Semiconductor Optical Amplifier. Scientific Reports, 2016, 6, 19985.	1.6	19
96	Simultaneous even- and third-order distortion suppression in a microwave photonic link based on orthogonal polarization modulation, balanced detection, and optical sideband filtering. Optics Express, 2016, 24, 14812.	1.7	19
97	Wavelength Reuse in a Symmetrical Radio Over WDM-PON Based on Polarization Multiplexing and Coherent Detection. Journal of Lightwave Technology, 2016, 34, 1150-1157.	2.7	20
98	A fully reconfigurable photonic integrated signal processor. Nature Photonics, 2016, 10, 190-195.	15.6	329
99	Silicon-Based Integrated Microwave Photonics. IEEE Journal of Quantum Electronics, 2016, 52, 1-12.	1.0	85
100	Optically tunable full 360° microwave photonic phase shifter using three cascaded silicon-on-insulator microring resonators. Optics Communications, 2016, 373, 53-58.	1.0	15
101	A photonic integrated microwave waveform generator for linearly chirped microwave waveform generation. , 2016, , .		1
102	Microwave Photonics for High-Resolution and High-Speed Interrogation of Fiber Bragg Grating Sensors. Fiber and Integrated Optics, 2015, 34, 204-216.	1.7	55
103	Dual-Chirp Microwave Waveform Generation Using a Dual-Parallel Mach-Zehnder Modulator. IEEE Photonics Technology Letters, 2015, 27, 1410-1413.	1.3	95
104	Interrogation of a linearly chirped fiber Bragg grating sensor with high resolution using a linearly chirped optical waveform. Optics Letters, 2015, 40, 4923.	1.7	27
105	Photonic generation of linearly chirped microwave waveform with a large time-bandwidth product using a silicon-based on-chip spectral shaper. , 2015, , .		6
106	Photonic generation of a linearly chirped microwave waveform with a large time-bandwidth product based on self-heterodyne technique. , 2015, , .		19
107	Ultrafast Three-Dimensional Serial Time-Encoded Imaging With High Vertical Resolution. Journal of Lightwave Technology, 2015, 33, 4622-4626.	2.7	2
108	Photonics to the Rescue: A Fresh Look at Microwave Photonic Filters. IEEE Microwave Magazine, 2015, 16, 46-60.	0.7	104

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109	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> , 2015, , 1-1.	2.7	40
110	Frequency Tunable Continuous THz Wave Generation in a Periodically Poled Fiber. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2015, 5, 470-477.	2.0	3
111	Photonic generation of a linearly chirped microwave waveform with long temporal duration using a dispersive loop. , 2015, , .		5
112	Silicon-based on-chip electrically tunable sidewall Bragg grating Fabry-Pérot filter. <i>Optics Letters</i> , 2015, 40, 3153.	1.7	37
113	Broadband and Precise Microwave Time Reversal Using a Single Linearly Chirped Fiber Bragg Grating. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015, 63, 2166-2172.	2.9	11
114	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> , 2015, 33, 5047-5054.	2.7	38
115	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> , 2015, 33, 361-367.	2.7	17
116	Optical Differentiator Based on an Integrated Sidewall Phase-Shifted Bragg Grating. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 2383-2386.	1.3	29
117	Recent progresses on optical arbitrary waveform generation. <i>Frontiers of Optoelectronics</i> , 2014, 7, 359-375.	1.9	25
118	Broadband and precise microwave time reversal using a single linearly chirped fiber Bragg grating. , 2014, , .		4
119	Largely chirped microwave waveform generation using a silicon-based on-chip optical spectral shaper. , 2014, , .		9
120	A coherent microwave photonic link With digital phase noise cancellation. , 2014, , .		6
121	Continuously tunable photonic fractional Hilbert transformer using a high-contrast germanium-doped silica-on-silicon microring resonator. <i>Optics Letters</i> , 2014, 39, 2778.	1.7	26
122	Time-Bandwidth Product Expansion of Microwave Waveforms Using Anamorphic Stretch Transform. , 2014, , .		2
123	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> , 2014, 1, 64.	4.8	38
124	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> , 2014, 32, 1784-1793.	2.7	93
125	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> , 2014, 32, 220-227.	2.7	18
126	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> , 2014, 32, 3654-3659.	2.7	28

#	ARTICLE	IF	CITATIONS
127	Tunable Optoelectronic Oscillator Incorporating a Single Passband Microwave Photonic Filter. IEEE Photonics Technology Letters, 2014, 26, 326-329.	1.3	62
128	Digital Phase Noise Cancellation for a Coherent-Detection Microwave Photonic Link. IEEE Photonics Technology Letters, 2014, 26, 805-808.	1.3	23
129	Generation of Linearly Chirped Microwave Waveform With an Increased Time-Bandwidth Product Based on a Tunable Optoelectronic Oscillator and a Recirculating Phase Modulation Loop. Journal of Lightwave Technology, 2014, 32, 3573-3579.	2.7	116
130	Microwave Photonic Filter With Two Independently Tunable Passbands Using a Phase Modulator and an Equivalent Phase-Shifted Fiber Bragg Grating. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 380-387.	2.9	47
131	Microwave Photonic Hilbert Transformer Based on a Single Passband Microwave Photonic Filter for Simultaneous Channel Selection and Signal Processing. Journal of Lightwave Technology, 2014, 32, 2996-3001.	2.7	5
132	Frequency-Multiplying Optoelectronic Oscillator With a Tunable Multiplication Factor. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3479-3485.	2.9	25
133	Photonic-Assisted Microwave Channelizer With Improved Channel Characteristics Based on Spectrum-Controlled Stimulated Brillouin Scattering. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3470-3478.	2.9	83
134	Microwave Photonic Link With Improved Dynamic Range Using a Polarization Modulator. IEEE Photonics Technology Letters, 2013, 25, 1373-1376.	1.3	33
135	Ultrahigh-Resolution Photonic-Assisted Microwave Frequency Identification Based on Temporal Channelization. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 4275-4282.	2.9	45
136	Continuously Tunable Fractional Hilbert Transformer by Using a Single π -Phase Shifted FBG. IEEE Photonics Technology Letters, 2013, 25, 2225-2228.	1.3	7
137	Tunable Microwave and Sub-Terahertz Generation Based on Frequency Quadrupling Using a Single Polarization Modulator. Journal of Lightwave Technology, 2013, 31, 1636-1644.	2.7	78
138	Arbitrary Microwave Waveform Generation Based on a Tunable Optoelectronic Oscillator. Journal of Lightwave Technology, 2013, 31, 3780-3786.	2.7	121
139	Dynamic range improvement of a microwave photonic link based on bi-directional use of a polarization modulator in a Sagnac loop. Optics Express, 2013, 21, 15692.	1.7	46
140	Experimental demonstration of a multi-wavelength distributed feedback semiconductor laser array with an equivalent chirped grating profile based on the equivalent chirp technology. Optics Express, 2013, 21, 19966.	1.7	17
141	Microwave Photonics: Current challenges towards widespread application. Optics Express, 2013, 21, 22862.	1.7	67
142	Fiber Bragg gratings for microwave photonics subsystems. Optics Express, 2013, 21, 22868.	1.7	59
143	Transverse load sensing based on a dual-frequency optoelectronic oscillator. Optics Letters, 2013, 38, 2611.	1.7	123
144	Photonic Generation of Frequency Tunable Binary Phase-Coded Microwave Waveforms. IEEE Photonics Technology Letters, 2013, 25, 2319-2322.	1.3	21

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145	A Nonuniformly Spaced Microwave Photonic Filter Using a Spatially Discrete Chirped FBG. IEEE Photonics Technology Letters, 2013, 25, 1889-1892.	1.3	21
146	An Ultra-Wideband 360° Photonic-Assisted Microwave Phase Shifter. , 2013, , .		1
147	Femtometer-Resolution Wavelength Interrogation of a Phase-Shifted Fiber Bragg Grating Sensor Using an Optoelectronic Oscillator. , 2012, , .		9
148	Tunable microwave photonic phase shifter based on slow and fast light effects in a tilted fiber Bragg grating. Optics Express, 2012, 20, 14009.	1.7	44
149	Photonic approach to the simultaneous measurement of the frequency, amplitude, pulse width, and time of arrival of a microwave signal. Optics Letters, 2012, 37, 7.	1.7	42
150	Processing of microwave signals using a nonuniformly-spaced photonic microwave delay-line filter. , 2012, , .		0
151	A Continuously Tunable Microwave Fractional Hilbert Transformer Based on a Nonuniformly-Spaced Photonic Microwave Delay-Line Filter. Journal of Lightwave Technology, 2012, , .	2.7	18
152	Phase-Coded Millimeter-Wave Waveform Generation Using a Spatially Discrete Chirped Fiber Bragg Grating. IEEE Photonics Technology Letters, 2012, 24, 1493-1495.	1.3	33
153	Ultrafast All-Optical Wavelet Transform Based on Temporal Pulse Shaping Incorporating a 2-D Array of Cascaded Linearly Chirped Fiber Bragg Gratings. IEEE Photonics Technology Letters, 2012, 24, 1319-1321.	1.3	10
154	Continuously Tunable Slow and Fast Light by Using an Optically Pumped Tilted Fiber Bragg Grating Written in an Erbium/Ytterbium Co-Doped Fiber. IEEE Photonics Technology Letters, 2012, 24, 818-820.	1.3	14
155	Tunable Optoelectronic Oscillator Incorporating a High-Q Spectrum-Sliced Photonic Microwave Transversal Filter. IEEE Photonics Technology Letters, 2012, 24, 1251-1253.	1.3	89
156	A Wideband Frequency Tunable Optoelectronic Oscillator Incorporating a Tunable Microwave Photonic Filter Based on Phase-Modulation to Intensity-Modulation Conversion Using a Phase-Shifted Fiber Bragg Grating. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 1735-1742.	2.9	231
157	Photonic approach to the measurement of time-difference-of-arrival and angle-of-arrival of a microwave signal. Optics Letters, 2012, 37, 755.	1.7	61
158	A Reconfigurable Microwave Photonic Channelized Receiver Based on Dense Wavelength Division Multiplexing Using an Optical Comb. Optics Communications, 2012, 285, 2311-2315.	1.0	43
159	A Narrow-Passband and Frequency-Tunable Microwave Photonic Filter Based on Phase-Modulation to Intensity-Modulation Conversion Using a Phase-Shifted Fiber Bragg Grating. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 1287-1296.	2.9	167
160	Real-Time Interrogation of a Linearly Chirped Fiber Bragg Grating Sensor for Simultaneous Measurement of Strain and Temperature. IEEE Photonics Technology Letters, 2011, 23, 1340-1342.	1.3	27
161	A Continuously Tunable Microwave Fractional Hilbert Transformer Based on a Photonic Microwave Delay-Line Filter Using a Polarization Modulator. IEEE Photonics Technology Letters, 2011, 23, 1694-1696.	1.3	20
162	All-Optical Short-Time Fourier Transform Based on a Temporal Pulse-Shaping System Incorporating an Array of Cascaded Linearly Chirped Fiber Bragg Gratings. IEEE Photonics Technology Letters, 2011, 23, 1439-1441.	1.3	39

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163	Optical Single-Sideband Modulation Using a Fiber-Bragg-Grating-Based Optical Hilbert Transformer. IEEE Photonics Technology Letters, 2011, 23, 558-560.	1.3	50
164	Real-Time Interrogation of a Linearly Chirped Fiber Bragg Grating Sensor Based on Chirped Pulse Compression With Improved Resolution and Signal-to-Noise Ratio. Journal of Lightwave Technology, 2011, 29, 1239-1247.	2.7	40
165	Multichannel Arbitrary-Order Photonic Temporal Differentiator for Wavelength-Division-Multiplexed Signal Processing Using a Single Fiber Bragg Grating. Journal of Lightwave Technology, 2011, 29, 2506-2511.	2.7	18
166	Ultrafast and Ultrahigh-Resolution Interrogation of a Fiber Bragg Grating Sensor Based on Interferometric Temporal Spectroscopy. Journal of Lightwave Technology, 2011, 29, 2927-2933.	2.7	46
167	IR-UWB-Over-Fiber Systems Compatible With WDM-PON Networks. Journal of Lightwave Technology, 2011, 29, 3025-3034.	2.7	33
168	A Microwave Bandpass Differentiator Implemented Based on a Nonuniformly-Spaced Photonic Microwave Delay-Line Filter. Journal of Lightwave Technology, 2011, 29, 3470-3475.	2.7	31
169	Nonuniformly spaced photonic microwave delay-line filter using a spatially discrete chirped fiber Bragg grating. , 2011, , .		1
170	Instantaneous Microwave Frequency Measurement Using a Special Fiber Bragg Grating. IEEE Microwave and Wireless Components Letters, 2011, 21, 52-54.	2.0	59
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