

# Hao Chi

## List of Publications by Year in descending order

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207  
all docs

207  
docs citations

207  
times ranked

2068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photonic analog-to-digital conversion based on time-to-frequency mapping. Optics Communications, 2022, 502, 127440.	2.1	4
2	Photonic Generation of Switchable Dual-Band Dual-Chirp Microwave Waveforms. IEEE Photonics Journal, 2022, 14, 1-5.	2.0	4
3	Wideband sparse signal acquisition with ultrahigh sampling compression ratio based on continuous-time photonic time stretch and photonic compressive sampling. Applied Optics, 2022, 61, 1344.	1.8	6
4	A serial digital-to-analog conversion based on photonic time-stretch technology. Optics Communications, 2022, 510, 127949.	2.1	4
5	High Linearity Microwave Photonic Up-Conversion System Based on Parallel Dual-Drive Mach-Zehnder Modulators. Photonics, 2022, 9, 236.	2.0	2
6	Photonic Generation of Wideband Chirped Microwave Waveforms. IEEE Journal of Microwaves, 2021, 1, 787-803.	6.5	29
7	Distortion compensation in continuous-time photonic time-stretched ADC based on redundancy detection. Applied Optics, 2021, 60, 1646.	1.8	8
8	Photonic approach for generating bandwidth-doubled and switchable multi-format chirp waveforms. Optics Letters, 2021, 46, 1578.	3.3	13
9	Compressive sensing based on optical mixing using a spectral shaper with bipolar coding. Optics Express, 2021, 29, 16422.	3.4	6
10	Photonic arbitrary waveform generation based on the temporal Talbot effect. Optics Express, 2021, 29, 16927.	3.4	5
11	Photonic time stretch based on phase modulation for sub-octave applications. Applied Optics, 2021, 60, 6487-6494.	1.8	1
12	Photonic digital-to-analog converter based on spectral encoding. Microwave and Optical Technology Letters, 2021, 63, 2670-2674.	1.4	2
13	Wideband Doppler frequency shift measurement and direction discrimination based on optical single sideband modulation with a fixed low-frequency reference signal. Optics Communications, 2021, 499, 127306.	2.1	1
14	A dispersion-free multi-access RF dissemination link with phase jitter compensation. Electronics Letters, 2021, 57, 30-31.	1.0	0
15	Generation of Switchable Chirp Waveforms in the Photonic Domain with Immunity to Dispersion-Induced Power Fading. Photonics, 2021, 8, 501.	2.0	0
16	Architecture and Performance Evaluation of a Novel Optical Packet Switch with Input Concentrators. Photonics, 2021, 8, 510.	2.0	0
17	Anti-chromatic Dispersion Transmission of Dual-chirp Waveform Based on a Single DPMZM. , 2021, , .		0
18	Comprehensive study of orbital angular momentum shift keying systems with a CNN-based image identifier. Optics Communications, 2020, 454, 124518.	2.1	2

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19	A PM-based approach for Doppler frequency shift measurement and direction discrimination. Optics Communications, 2020, 458, 124796.	2.1	11
20	A Photonic Digitization Scheme With Enhanced Bit Resolution Based on Hierarchical Quantization. IEEE Access, 2020, 8, 150242-150247.	4.2	2
21	A Photonic Approach for Doppler Frequency Shift Measurement With Dispersion Medium. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	5
22	Study on the Solutions to Heterogeneous ONU Propagation Delays for Energy-Efficient and Low-Latency EPONs. IEEE Access, 2020, 8, 193665-193680.	4.2	3
23	A Frequency-Stable Optoelectronic Oscillator Based on Passive Phase Compensation. IEEE Photonics Technology Letters, 2020, 32, 612-615.	2.5	3
24	Broadband Microwave Spectrum Sensing Based on Photonic RF Channelization and Compressive Sampling. IEEE Photonics Journal, 2020, 12, 1-9.	2.0	10
25	Analysis on predistortion algorithm for improving adjacent channel leakage ratio of radio over fiber systems. Microwave and Optical Technology Letters, 2020, 62, 1483-1488.	1.4	1
26	Capacity Maximized Linear Precoder Design for Spatial-Multiplexing MIMO VLC Systems. IEEE Access, 2020, 8, 63901-63909.	4.2	8
27	Active mode-locking optoelectronic oscillator. Optics Express, 2020, 28, 33220.	3.4	36
28	Photonic serial implementation of a flash analog-to-digital converter. Optics Letters, 2020, 45, 1643.	3.3	4
29	Photonic compressive sensing of sparse radio frequency signals with a single dual-electrode Mach-Zehnder modulator. Optics Letters, 2020, 45, 5708.	3.3	13
30	Resolution-enhanced photonic quantization scheme based on weighted modulation transfer functions of lithium niobate Mach-Zehnder modulators. Applied Optics, 2020, 59, 9780.	1.8	0
31	Photonic Digitization With Differential Encoding Based on Orthogonal Vector Superposition. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	1
32	Evolution of Amplitude Fluctuation in Fractional Temporal Talbot Effect. IEEE Access, 2019, 7, 86177-86183.	4.2	1
33	A Powerful Equalizer Based on Modified SVM Classifier Without Nonlinear Kernel Enabled 100-Gb/s NG-EPON System With 10-G Class. IEEE Access, 2019, 7, 71185-71194.	4.2	10
34	Analytical Model for Photonic Compressive Sensing With Pulse Stretch and Compression. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	6
35	Photonic quantization using dual-output Mach-Zehnder modulators and balanced photodetectors. Optics Communications, 2019, 446, 72-76.	2.1	3
36	Proposal of Photonic Analog-to-digital Conversion Using Weighted Multiwavelength Pulses and Balanced Photodetector. , 2019, , .		1

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37	Coherently demodulated orbital angular momentum shift keying system using a CNN-based image identifier as demodulator. Optics Communications, 2019, 435, 367-373.	2.1	14
38	Photonic quantization and encoding scheme with improved bit resolution based on waveform folding. Optics Express, 2019, 27, 35565.	3.4	6
39	Photonic down-conversion and linearisation with tunable IF bandwidth and improved spurious-free dynamic range. Electronics Letters, 2019, 55, 105-107.	1.0	0
40	Compensation of dispersion-induced power fading with adjustment-free operation. Optical Engineering, 2019, 58, 1.	1.0	0
41	Local property study for arbitrary polarised OAM beam. IET Microwaves, Antennas and Propagation, 2019, 13, 1846-1853.	1.4	0
42	Stable photonic transmitting link based on passive phase compensation with active-assisted control method. Electronics Letters, 2019, 55, 1097-1098.	1.0	0
43	Photonic receiving and linearization of RF signals with improved spurious free dynamic range. Optics Communications, 2018, 423, 17-20.	2.1	3
44	Stable radio frequency dissemination in a multi-access link based on passive phase fluctuation cancellation. Optics Communications, 2018, 423, 53-56.	2.1	8
45	A coherent photonic RF scanning receiver based on a flat optical frequency comb. Optics Communications, 2018, 421, 41-45.	2.1	2
46	100 Gbit/s THz Photonic Wireless Transmission in the 350-GHz Band With Extended Reach. IEEE Photonics Technology Letters, 2018, 30, 1064-1067.	2.5	72
47	Realization of Beam Steering Based on Plane Spiral Orbital Angular Momentum Wave. IEEE Transactions on Antennas and Propagation, 2018, 66, 1352-1358.	5.1	55
48	Dual-Band THz Photonic Pulses Enabling Synthetic mm-Scale Range Resolution. IEEE Photonics Technology Letters, 2018, 30, 1760-1763.	2.5	16
49	Corrections to "Modulation Fading in Temporal Talbot Effect" [Aug 1, 2018 1376-1379]. IEEE Photonics Technology Letters, 2018, 30, 1994-1994.	2.5	1
50	Photonic Vector Signal Generation Based on OEO and Optical Coherent QPSK Modulation. IEEE Photonics Technology Letters, 2018, 30, 1711-1714.	2.5	6
51	Experimental Demonstration of 3.9 mm Range Resolution Enabled by Synthetic Linearly Chirped THz Photonic Pulses. , 2018, , .		0
52	Enhanced Accessibility of 350 GHz 100 Gbit/s 16-QAM Photonic Wireless Link. , 2018, , .		0
53	Super-mode noise suppression for coupled optoelectronic oscillator with optoelectronic hybrid filter. Optics Communications, 2018, 426, 138-141.	2.1	3
54	Time-Division Multiplexed Vector Signal Synthesizer Based on Continuous PTS. IEEE Photonics Technology Letters, 2018, 30, 1020-1023.	2.5	3

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55	Modulation Fading in Temporal Talbot Effect. IEEE Photonics Technology Letters, 2018, 30, 1376-1379.	2.5	5
56	Photonics-enabled compressive sensing with spectral encoding using an incoherent broadband source. Optics Letters, 2018, 43, 330.	3.3	5
57	An improved photonic analog-to-digital conversion scheme using Mach-Zehnder modulators with identical half-wave voltages. Optics Communications, 2018, 425, 157-160.	2.1	16
58	A Unified System With Integrated Generation of High-Speed Communication and High-Resolution Sensing Signals Based on THz Photonics. Journal of Lightwave Technology, 2018, 36, 4549-4556.	4.6	35
59	A comprehensive model for phase noise characteristics of an optoelectronic oscillator. Microwave and Optical Technology Letters, 2018, 60, 2194-2197.	1.4	5
60	Linearization of two cascaded intensity-modulator-based analog photonic link. Optical Engineering, 2018, 57, 1.	1.0	4
61	Generation of Orbital Angular Momentum Radio Waves Based on Dielectric Resonator Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 385-388.	4.0	48
62	Generation of Plane Spiral OAM Waves Using Traveling-Wave Circular Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 8-11.	4.0	96
63	Four-OAM-Mode Antenna With Traveling-Wave Ring-Slot Structure. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 194-197.	4.0	82
64	Mode Division Multiplexing Communication Using Microwave Orbital Angular Momentum: An Experimental Study. IEEE Transactions on Wireless Communications, 2017, 16, 1308-1318.	9.2	209
65	Improving the performance of the injection-locked optoelectronic oscillator by using an extra feedback loop. Optical Engineering, 2017, 56, 016108.	1.0	2
66	A Two-Dimensional LiNbO3 Photonic E-Field Sensor Using Inclined Dipole Antennas. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2203-2206.	4.0	5
67	Single-frequency computational imaging using OAM-carrying electromagnetic wave. Journal of Applied Physics, 2017, 121, .	2.5	33
68	Single-pixel imaging based on compressive sensing with spectral-domain optical mixing. Optics Communications, 2017, 402, 119-122.	2.1	15
69	Photonic Generation of Dual-Chirp Waveforms With Improved Time-Bandwidth Product. IEEE Photonics Technology Letters, 2017, 29, 1253-1256.	2.5	57
70	Spurious-Free Dynamic Range of the Photonic Time-Stretch System. IEEE Photonics Technology Letters, 2017, 29, 794-797.	2.5	5
71	Frequency stability optimization of an OEO using phase-locked-loop and self-injection-locking. Optics Communications, 2017, 386, 27-30.	2.1	17
72	On the undesired frequency chirping in photonic time-stretch systems. Optics Communications, 2017, 405, 192-196.	2.1	0

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73	Experimental Demonstration of the Capacity Gain of Plane Spiral OAM-Based MIMO System. IEEE Microwave and Wireless Components Letters, 2017, 27, 757-759.	3.2	29
74	A Novel Optoelectronic Oscillator Based on Brillouin-Induced Slow Light Effect. IEEE Photonics Technology Letters, 2017, 29, 1375-1378.	2.5	2
75	Non-Line-of-Sight Channel Performance of Plane Spiral Orbital Angular Momentum MIMO Systems. IEEE Access, 2017, 5, 25377-25384.	4.2	20
76	Photonic generation of linear frequency modulated terahertz pulses in the 350 GHz band with beyond 40 GHz bandwidth. , 2017, , .		1
77	Design of the microwave photonic filter with rectangular response. , 2017, , .		0
78	Generation of plane spiral orbital angular momentum microwave with ring dielectric resonator antenna. , 2017, , .		9
79	Generating wideband orbital angular momentum beams using helical antenna. , 2017, , .		5
80	Experimental generation of linearly chirped 350 GHz band pulses with a bandwidth beyond 60 GHz. Optics Letters, 2017, 42, 5242.	3.3	21
81	Impact of finite extinction ratio of modulator on photonic time-stretch system. , 2017, , .		0
82	Simulation of orbital angular momentum radio communication systems based on partial aperture sampling receiving scheme. IET Microwaves, Antennas and Propagation, 2016, 10, 1043-1047.	1.4	26
83	Nonlinearity analysis of photonic time stretch system. , 2016, , .		0
84	Comprehensive assessment of optical network in power grid. , 2016, , .		0
85	Photonic compressive sensing for analog-to-information conversion with a delay-line based microwave photonic filter. Optics Communications, 2016, 371, 83-88.	2.1	2
86	Free-Space Radio Communication Employing OAM Multiplexing Based on Rotman Lens. IEEE Microwave and Wireless Components Letters, 2016, 26, 738-740.	3.2	35
87	A Novel Scheme of Microwave Generation Based on Heterodyne Phase Locking of an OEO. IEEE Photonics Technology Letters, 2016, 28, 2637-2640.	2.5	3
88	A graphene-based all-fiber electro-absorption modulator. Journal of Optics (India), 2016, 45, 337-342.	1.7	8
89	Harmonics analysis of the photonic time stretch system. Applied Optics, 2016, 55, 7222.	2.1	7
90	Plane spiral orbital angular momentum wave and its applications. , 2016, , .		9

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91	The Capacity Gain of Orbital Angular Momentum Based Multiple-Input-Multiple-Output System. Scientific Reports, 2016, 6, 25418.	3.3	68
92	Reducing the noise floor in optoelectronic oscillator by optimizing the operation of modulator. Optical Engineering, 2016, 55, 100504.	1.0	1
93	Local topological charge analysis of electromagnetic vortex beam based on empirical mode decomposition. Optics Express, 2016, 24, 5423.	3.4	6
94	Orbital Angular Momentum Based Communications with Partial Arc Sampling Receiving. IEEE Communications Letters, 2016, , 1-1.	4.1	34
95	Half-mode substrate integrated waveguide antenna for generating multiple orbital angular momentum modes. Electronics Letters, 2016, 52, 684-686.	1.0	41
96	Photonic-assisted time-interleaved ADC based on optical delay line. Journal of Optics (United Kingdom), 2016, 11, 1150542.	2.2	11
97	Time-Frequency Uncertainty in the Photonic A/D Converters Based on Spectral Encoding. IEEE Photonics Technology Letters, 2016, 28, 841-844.	2.5	9
98	A Flat-Lensed Spiral Phase Plate Based on Phase-Shifting Surface for Generation of Millimeter-Wave OAM Beam. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1156-1158.	4.0	120
99	Photonic compressive sensing with a micro-ring-resonator-based microwave photonic filter. Optics Communications, 2016, 373, 65-69.	2.1	5
100	Plane spiral orbital angular momentum electromagnetic wave. , 2015, , .		19
101	Orbital angular momentum antenna using dielectric resonator. , 2015, , .		6
102	An optoelectronic oscillator-based strain sensor with extended measurement range. Microwave and Optical Technology Letters, 2015, 57, 2336-2339.	1.4	3
103	A Wideband Tunable Optoelectronic Oscillator Based on a Spectral-Subtraction-Induced MPF. IEEE Photonics Technology Letters, 2015, 27, 947-950.	2.5	9
104	Multiplexed Millimeter Wave Communication with Dual Orbital Angular Momentum (OAM) Mode Antennas. Scientific Reports, 2015, 5, 10148.	3.3	195
105	Tunable laser based on composite microchip using ND:PLZT as both tuning and gain medium. , 2015, , .		0
106	Time-bandwidth product of photonicallly generated wideband microwave signals based on frequency-to-time mapping. , 2015, , .		0
107	Radiation characteristics of the lossy traveling-wave circular antenna. , 2015, , .		4
108	Photonics-assisted compressive sensing for sparse signal acquisition. , 2015, , .		1

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109	Orbital angular momentum mode multiplexing with half-mode substrate integrated waveguide antenna. , 2015, , .		2
110	Generation of OAM millimeter waves using traveling-wave circular slot antenna based on ring resonant cavity. , 2015, , .		13
111	Orbital angular momentum mode multiplexing with half-mode substrate integrated waveguide antenna. , 2015, , .		0
112	An optoelectronic oscillator using an FBG and an FBG-based Fabry-Perot filter. Optics Communications, 2015, 342, 141-143.	2.1	6
113	Ultralow Reflectivity Spiral Phase Plate for Generation of Millimeter-wave OAM Beam. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 966-969.	4.0	179
114	Transmission Characteristics of a Twisted Radio Wave Based on Circular Traveling-Wave Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 1530-1536.	5.1	183
115	Analysis of compressive sensing with optical mixing using a spatial light modulator. Applied Optics, 2015, 54, 1894.	1.8	12
116	Orbital angular momentum mode-demultiplexing scheme with partial angular receiving aperture. Optics Express, 2015, 23, 12251.	3.4	57
117	Demodulation of an OEO based vibration sensor with Hilbert Huang Transform. , 2015, , .		0
118	Characterization of the photonic generation of phase-coded RF signals based on pulse shaping and frequency-to-time mapping. Applied Optics, 2015, 54, 3956.	2.1	7
119	Compressive sensing with a microwave photonic filter. Optics Communications, 2015, 338, 428-432.	2.1	9
120	Compressive sensing in a photonic link with optical integration. Optics Letters, 2014, 39, 2222.	3.3	29
121	Spurious-free dynamic range improvement in a photonic time-stretched analog-to-digital converter based on third-order predistortion. Photonics Research, 2014, 2, 97.	7.0	7
122	Optoelectronic oscillator with phase-shifted fiber Bragg grating. Optics Communications, 2014, 319, 117-120.	2.1	61
123	Photonic generation of chirped microwave signals with high time-bandwidth product. Optics Communications, 2014, 316, 106-110.	2.1	22
124	Hilbert-Huang Transform Time-Frequency Analysis in $\phi$ -OTDR Distributed Sensor. IEEE Photonics Technology Letters, 2014, 26, 2403-2406.	2.5	38
125	Analyses of Whispering Gallery Modes in Circular Resonators by Transmission Line Theory. Journal of Lightwave Technology, 2014, 32, 2345-2352.	4.6	2
126	Relaxed dispersion requirement in the generation of chirped RF signals based on frequency-to-time mapping. Optics Communications, 2014, 331, 278-281.	2.1	6



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127	Photonic Microwave Up-Conversion of Vector Signals Based on an Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2013, 25, 1758-1761.	2.5	23
128	A real-time detection and self-control phase-sensitive OTDR distributed sensor system. , 2013, , .		0
129	Tunable multi-tap microwave photonic filter with complex coefficients using a dual-parallel Mach-Zehnder modulator. Journal of Modern Optics, 2013, 60, 1069-1073.	1.3	0
130	Sub-Nyquist Sampled Analog-to-Digital Conversion Based on Photonic Time Stretch and Compressive Sensing With Optical Random Mixing. Journal of Lightwave Technology, 2013, 31, 3395-3401.	4.6	25
131	Microwave spectrum sensing based on photonic time stretch with a large stretch factor. , 2013, , .		0
132	Compressive sensing in a photonic link for acquisition of spectrally-sparse wideband signals: Potentials and limitations. , 2013, , .		0
133	Optical millimeter-wave generation based on multiple modulations in an optical feedback loop. , 2013, , .		0
134	Photonic analog-to-digital conversion based on photonic time stretch and compressive sensing with optical random mixing. , 2013, , .		0
135	A Tunable Optoelectronic Oscillator Based on a Dispersion-Induced Microwave Photonic Filter. IEEE Photonics Technology Letters, 2013, 25, 921-924.	2.5	17
136	Photonic instantaneous frequency measurement with digital output based on dispersion induced power fading functions. Optics Communications, 2013, 292, 53-56.	2.1	0
137	Frequency multiplying optoelectronic oscillator based on nonlinearly-coupled double loops. Optics Express, 2013, 21, 32516.	3.4	11
138	Electro-optic modulator feedback control in phase-sensitive optical time-domain reflectometer distributed sensor. Applied Optics, 2013, 52, 8581.	1.8	15
139	An electrically tunable frequency-doubling optoelectronic oscillator with operation based on stimulated Brillouin scattering. Journal of Optics (United Kingdom), 2013, 15, 035406.	2.2	6
140	Microwave spectrum sensing based on photonic time stretch and compressive sampling. Optics Letters, 2013, 38, 136.	3.3	55
141	Millimeter-wave Signal Point to Point Communication Using Frequency Quadrupling Technique. , 2013, , .		0
142	Performance Improvement in RoF Links Based on Optical Carrier Suppression using a Phase-Shifted FBG. , 2013, , .		0
143	Microwave spectral analysis based on photonic compressive sampling with random demodulation. Optics Letters, 2012, 37, 4636.	3.3	48
144	Electro-optically tunable microwave source based on composite-cavity microchip laser. Optics Express, 2012, 20, 29090.	3.4	16

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145	A novel frequency-doubling Brillouin optoelectronic oscillator. , 2012, , .		0
146	Optically Tunable Frequency-Doubling Brillouin Optoelectronic Oscillator With Carrier Phase-Shifted Double Sideband Modulation. IEEE Photonics Technology Letters, 2012, 24, 1051-1053.	2.5	100
147	A Continuously Tunable Microwave Fractional Hilbert Transformer Based on a Nonuniformly-Spaced Photonic Microwave Delay-Line Filter. Journal of Lightwave Technology, 2012, , .	4.6	18
148	Novel Demodulation Method for Fiber-Optic Interferometers Based on $\pi/2$ Phase Modulation. IEEE Photonics Technology Letters, 2012, 24, 1981-1983.	2.5	4
149	A frequency-doubling optoelectronic oscillator based on phase modulator. , 2012, , .		1
150	A Wideband Frequency-Tunable Optoelectronic Oscillator Based on a Narrowband Phase-Shifted FBG and Wavelength Tuning of Laser. IEEE Photonics Technology Letters, 2012, 24, 73-75.	2.5	35
151	Instantaneous microwave frequency measurement with a uniform resolution and improved dynamic range. , 2012, , .		2
152	High-Resolution Multiple Microwave Frequency Measurement Based on Stimulated Brillouin Scattering. IEEE Photonics Technology Letters, 2012, 24, 1115-1117.	2.5	53
153	Photonic analog-to-digital converter based on the robust symmetrical number system. Optics Communications, 2012, 285, 4966-4970.	2.1	5
154	Four- $\pi$ tap microwave photonic filter with tunable center frequency and reconfigurable transfer function. Microwave and Optical Technology Letters, 2012, 54, 1740-1743.	1.4	0
155	A Reconfigurable Microwave Photonic Channelized Receiver Based on Dense Wavelength Division Multiplexing Using an Optical Comb. Optics Communications, 2012, 285, 2311-2315.	2.1	43
156	Photonic Generation of Phase-Coded Millimeter-Wave Signal With Large Frequency Tunability Using a Polarization-Maintaining Fiber Bragg Grating. IEEE Microwave and Wireless Components Letters, 2011, 21, 694-696.	3.2	66
157	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.	2.5	20
158	Photonic Generation of Phase-Coded Microwave Signal With Large Frequency Tunability. IEEE Photonics Technology Letters, 2011, 23, 712-714.	2.5	88
159	Optical Single-Sideband Modulation Using a Fiber-Bragg-Grating-Based Optical Hilbert Transformer. IEEE Photonics Technology Letters, 2011, 23, 558-560.	2.5	50
160	Any bias point control of mach-zehnder electrooptic modulator and its applications in optimization of radio-over-fiber links. , 2011, , .		5
161	A microwave photonic scheme for improving the sensitivity of Mach-Zehnder optical fiber interferometer sensor. , 2011, , .		2
162	A reconfigurable photonic microwave channelized receiver based on an optical comb. , 2011, , .		4

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163	Differentially Encoded Photonic Analog-to-Digital Conversion Based on Phase Modulation and Interferometric Demodulation. IEEE Photonics Technology Letters, 2011, 23, 1890-1892.	2.5	6
164	Instantaneous Microwave Frequency Measurement Using a Special Fiber Bragg Grating. IEEE Microwave and Wireless Components Letters, 2011, 21, 52-54.	3.2	59
165	Photonic approach for microwave spectral analysis based on Fourier cosine transform. Optics Letters, 2011, 36, 3897.	3.3	11
166	Frequency response equalization in phase modulated RoF systems using optical carrier Brillouin processing. Frontiers of Optoelectronics in China, 2011, 4, 277-281.	0.2	0
167	Optical generation of microwave/millimeter-wave based on Brillouin-Erbium fiber laser. Microwave and Optical Technology Letters, 2011, 53, 1761-1763.	1.4	7
168	Photonic instantaneous microwave frequency measurement based on two different phase modulation to intensity modulation conversions. Optics Communications, 2011, 284, 3928-3932.	2.1	12
169	Approaches for differentially-encoded photonic analog-to-digital conversion. , 2011, , .		0
170	Optical variable gain tilt filter with temperature compensation. Microwave and Optical Technology Letters, 2010, 52, 1906-1909.	1.4	2
171	Tunable fiber Fabry-Pérot filter for PM-to-M conversion and efficiency improvement in radio-over-fiber links. Microwave and Optical Technology Letters, 2010, 52, 2090-2095.	1.4	6
172	Tunable frequency equalization using variable optical tilt filter in radio-over-fiber links. Microwave and Optical Technology Letters, 2010, 52, 2456-2459.	1.4	1
173	Photonic instantaneous measurement of microwave frequency using fiber Bragg grating. Optics Communications, 2010, 283, 396-399.	2.1	53
174	Instantaneous microwave frequency measurement with improved measurement range and resolution based on a polarization modulator. , 2010, , .		0
175	Performances improvement in radio over fiber link through carrier suppression using Stimulated Brillouin scattering. Optics Express, 2010, 18, 11827.	3.4	20
176	Pulse Distortions Due to Third-Order Dispersion and Dispersion Mismatches in a Phase-Modulator-Based Temporal Pulse Shaping System. Journal of Lightwave Technology, 2010, 28, 2865-2872.	4.6	2
177	Novel fiber RF antenna with coaxial structure. , 2010, , .		0
178	A novel control scheme for four-plate retardation polarization controller. Microwave and Optical Technology Letters, 2009, 51, 124-128.	1.4	2
179	Photonic analog-to-digital conversion using multiple comparators and Mach-Zehnder modulators with identical half-wave voltages. Optics Communications, 2009, 282, 504-507.	2.1	4
180	Microwave Frequency Measurement Based on Optical Power Monitoring Using a Complementary Optical Filter Pair. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 505-511.	4.6	107

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181	Photonic analog-to-digital converter using Mach-Zehnder modulators having identical half-wave voltages with improved bit resolution. Applied Optics, 2009, 48, 4458.	2.1	17
182	Analytical Models for Phase-Modulation-Based Microwave Photonic Systems With Phase Modulation to Intensity Modulation Conversion Using a Dispersive Device. Journal of Lightwave Technology, 2009, 27, 511-521.	4.6	126
183	Instantaneous Microwave Frequency Measurement Using an Optical Phase Modulator. IEEE Microwave and Wireless Components Letters, 2009, 19, 422-424.	3.2	89
184	An Approach to the Measurement of Microwave Frequency Based on Optical Power Monitoring. IEEE Photonics Technology Letters, 2008, 20, 1249-1251.	2.5	159
185	Power Distribution of Phase-Modulated Microwave Signals in a Dispersive Fiber-Optic Link. IEEE Photonics Technology Letters, 2008, 20, 315-317.	2.5	20
186	An Optical Millimeter-Wave Generation Technique Based on Phase Modulation and Brillouin-Assisted Notch-Filtering. IEEE Photonics Technology Letters, 2008, 20, 2057-2059.	2.5	24
187	Photonic generation and processing of millimeter-wave arbitrary waveforms. , 2008, , .		1
188	Chirped RF Pulse Generation Based on Optical Spectral Shaping and Wavelength-to-Time Mapping Using a Nonlinearly Chirped Fiber Bragg Grating. Journal of Lightwave Technology, 2008, 26, 1282-1287.	4.6	31
189	Frequency Quadrupling and Upconversion in a Radio Over Fiber Link. Journal of Lightwave Technology, 2008, 26, 2706-2711.	4.6	98
190	A photonic analog-to-digital conversion scheme using Mach-Zehnder modulators with identical half-wave voltages. Optics Express, 2008, 16, 567.	3.4	43
191	Photonic Generation of Phase-Coded Millimeter-Wave Signal Using a Polarization Modulator. IEEE Microwave and Wireless Components Letters, 2008, 18, 371-373.	3.2	75
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