

# Zhouyang Pan

## List of Publications by Year in descending order

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2680  
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#	ARTICLE	IF	CITATIONS
1	Microwave Photonic Radars. <i>Journal of Lightwave Technology</i> , 2020, 38, 5450-5484.	2.7	225
2	Photonics-Based Broadband Microwave Measurement. <i>Journal of Lightwave Technology</i> , 2017, 35, 3498-3513.	2.7	207
3	Photonics-based broadband radar for high-resolution and real-time inverse synthetic aperture imaging. <i>Optics Express</i> , 2017, 25, 16274.	1.7	206
4	Wideband and frequency-tunable microwave generation using an optoelectronic oscillator incorporating a Fabry-Perot laser diode with external optical injection. <i>Optics Letters</i> , 2010, 35, 1911.	1.7	177
5	Optical Clock Recovery Using a Polarization-Modulator-Based Frequency-Doubling Optoelectronic Oscillator. <i>Journal of Lightwave Technology</i> , 2009, 27, 3531-3539.	2.7	175
6	Broadband Microwave Signal Processing Enabled by Polarization-Based Photonic Microwave Phase Shifters. <i>IEEE Journal of Quantum Electronics</i> , 2018, 54, 1-12.	1.0	164
7	A Frequency-Doubling Optoelectronic Oscillator Using a Polarization Modulator. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 929-931.	1.3	161
8	Multiwavelength erbium-doped fiber laser based on inhomogeneous loss mechanism by use of a highly nonlinear fiber and a Fabry-Perot filter. <i>Optics Express</i> , 2006, 14, 1113.	1.7	135
9	Tunable and wideband microwave photonic phase shifter based on a single-sideband polarization modulator and a polarizer. <i>Optics Letters</i> , 2012, 37, 4483.	1.7	127
10	Satellite Payloads Pay Off. <i>IEEE Microwave Magazine</i> , 2015, 16, 61-73.	0.7	123
11	UWB-Over-Fiber Communications: Modulation and Transmission. <i>Journal of Lightwave Technology</i> , 2010, 28, 2445-2455.	2.7	116
12	A high resolution optical vector network analyzer based on a wideband and wavelength-tunable optical single-sideband modulator. <i>Optics Express</i> , 2012, 20, 6555.	1.7	110
13	Linearly chirped microwave waveform generation with large time-bandwidth product by optically injected semiconductor laser. <i>Optics Express</i> , 2016, 24, 18460.	1.7	107
14	A wavelength-switchable single-longitudinal-mode dual-wavelength erbium-doped fiber laser for switchable microwave generation. <i>Optics Express</i> , 2009, 17, 5414.	1.7	105
15	Photonics-based real-time ultra-high-range-resolution radar with broadband signal generation and processing. <i>Scientific Reports</i> , 2017, 7, 13848.	1.6	102
16	Switchable single-longitudinal-mode dual-wavelength erbium-doped fiber ring laser incorporating a semiconductor optical amplifier. <i>Optics Letters</i> , 2008, 33, 764.	1.7	90
17	Ultraflat optical frequency comb generated based on cascaded polarization modulators. <i>Optics Letters</i> , 2012, 37, 3834.	1.7	88
18	Photonics-based MIMO radar with high-resolution and fast detection capability. <i>Optics Express</i> , 2018, 26, 17529.	1.7	86

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19	Instantaneous Microwave Frequency Measurement With Improved Measurement Range and Resolution Based on Simultaneous Phase Modulation and Intensity Modulation. <i>Journal of Lightwave Technology</i> , 2009, 27, 5314-5320.	2.7	84
20	A Reconfigurable Photonic Microwave Mixer Using a 90° Optical Hybrid. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016, 64, 3017-3025.	2.9	82
21	Generation of phase-coded microwave signals using a polarization-modulator-based photonic microwave phase shifter. <i>Optics Letters</i> , 2013, 38, 766.	1.7	81
22	Linearized analog photonic links based on a dual-parallel polarization modulator. <i>Optics Letters</i> , 2012, 37, 1823.	1.7	79
23	Polarization-modulated analog photonic link with compensation of the dispersion-induced power fading. <i>Optics Letters</i> , 2012, 37, 866.	1.7	70
24	Optical Single-Sideband Modulation Based on a Dual-Drive MZM and a 120° Hybrid Coupler. <i>Journal of Lightwave Technology</i> , 2014, 32, 3317-3323.	2.7	70
25	Instantaneous Microwave Frequency Measurement Using a Photonic Microwave Filter Pair. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 1437-1439.	1.3	68
26	Tunable Optoelectronic Oscillator Based on a Polarization Modulator and a Chirped FBG. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1487-1489.	1.3	68
27	Triangular pulse generation using a dual-parallel Mach-Zehnder modulator driven by a single-frequency radio frequency signal. <i>Optics Letters</i> , 2013, 38, 4491.	1.7	66
28	Image-Reject Mixer With Large Suppression of Mixing Spurs Based on a Photonic Microwave Phase Shifter. <i>Journal of Lightwave Technology</i> , 2016, 34, 4729-4735.	2.7	65
29	Photonics-based radar with balanced I/Q de-chirping for interference-suppressed high-resolution detection and imaging. <i>Photonics Research</i> , 2019, 7, 265.	3.4	65
30	Dual-Band LFM Signal Generation by Optical Frequency Quadrupling and Polarization Multiplexing. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1320-1323.	1.3	63
31	Photonics-Based Microwave Frequency Mixing: Methodology and Applications. <i>Laser and Photonics Reviews</i> , 2020, 14, 1800350.	4.4	63
32	Tunable Frequency-Quadrupling Dual-Loop Optoelectronic Oscillator. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 194-196.	1.3	62
33	Microwave Photonic Array Radars. <i>IEEE Journal of Microwaves</i> , 2021, 1, 176-190.	4.9	61
34	Advances in cost-effective integrated spectrometers. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	59
35	Photonic Generation of Linear-Frequency-Modulated Waveforms With Improved Time-Bandwidth Product Based on Polarization Modulation. <i>Journal of Lightwave Technology</i> , 2017, 35, 1821-1829.	2.7	58
36	Frequency-switchable microwave generation based on a dual-wavelength single-longitudinal-mode fiber laser incorporating a high-finesse ring filter. <i>Optics Express</i> , 2009, 17, 12167.	1.7	56

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37	Generation of a flat optical frequency comb based on a cascaded polarization modulator and phase modulator. <i>Optics Letters</i> , 2013, 38, 3137.	1.7	56
38	Optical true time delay unit for multi-beamforming. <i>Optics Express</i> , 2015, 23, 10002.	1.7	55
39	Generation of Linear Frequency-Modulated Waveforms by a Frequency-Sweeping Optoelectronic Oscillator. <i>Journal of Lightwave Technology</i> , 2018, 36, 3927-3934.	2.7	54
40	Broadband Cognitive Radio Enabled by Photonics. <i>Journal of Lightwave Technology</i> , 2020, 38, 3076-3088.	2.7	54
41	Tunable Subterahertz Wave Generation Based on Photonic Frequency Sextupling Using a Polarization Modulator and a Wavelength-Fixed Notch Filter. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010, 58, 1967-1975.	2.9	53
42	Stable multiwavelength dispersion-tuned actively mode-locked erbium-doped fiber ring laser using nonlinear polarization rotation. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 1451-1453.	1.3	52
43	Wideband Optical Multipath Interference Cancellation Based on a Dispersive Element. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 849-851.	1.3	52
44	Ultrahigh-Resolution Optical Vector Analysis Based on Optical Single-Sideband Modulation. <i>Journal of Lightwave Technology</i> , 2017, 35, 836-845.	2.7	52
45	Simultaneous wideband radio-frequency self-interference cancellation and frequency downconversion for in-band full-duplex radio-over-fiber systems. <i>Optics Letters</i> , 2018, 43, 3124.	1.7	51
46	Coherent Optical RF Channelizer With Large Instantaneous Bandwidth and Large In-Band Interference Suppression. <i>Journal of Lightwave Technology</i> , 2018, 36, 4219-4226.	2.7	50
47	Switchable UWB pulse generation using a phase modulator and a reconfigurable asymmetric Mach-Zehnder interferometer. <i>Optics Letters</i> , 2009, 34, 160.	1.7	49
48	Photonic microwave downconverter based on an optoelectronic oscillator using a single dual-drive Mach-Zehnder modulator. <i>Optics Express</i> , 2014, 22, 305.	1.7	48
49	Optical Single Sideband Modulation With Tunable Optical Carrier-to-Sideband Ratio. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 653-655.	1.3	48
50	Simultaneous Real-Time Ranging and Velocimetry via a Dual-Sideband Chirped Lidar. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 2254-2257.	1.3	48
51	High-Performance Photonic Microwave Downconverter Based on a Frequency-Doubling Optoelectronic Oscillator. <i>Journal of Lightwave Technology</i> , 2012, 30, 3036-3042.	2.7	47
52	Reconfigurable Radar Waveform Generation Based on an Optically Injected Semiconductor Laser. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017, 23, 1-9.	1.9	47
53	Photonic generation of a phase-coded microwave signal based on a single dual-drive Mach-Zehnder modulator. <i>Optics Letters</i> , 2013, 38, 5365.	1.7	45
54	Multichannel Optical Signal Processing in NRZ Systems Based on a Frequency-Doubling Optoelectronic Oscillator. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2010, 16, 1460-1468.	1.9	42

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55	Photonic approach to the simultaneous measurement of the frequency, amplitude, pulse width, and time of arrival of a microwave signal. <i>Optics Letters</i> , 2012, 37, 7.	1.7	42
56	Photonic generation of widely tunable phase-coded microwave signals based on a dual-parallel polarization modulator. <i>Optics Letters</i> , 2014, 39, 3958.	1.7	42
57	A Filter-Free Photonic Microwave Single Sideband Mixer. <i>IEEE Microwave and Wireless Components Letters</i> , 2016, 26, 67-69.	2.0	42
58	Generation of Frequency-Multiplied and Phase-Coded Signal Using an Optical Polarization Division Multiplexing Modulator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 651-660.	2.9	42
59	Hybrid Fourier-domain mode-locked laser for ultra-wideband linearly chirped microwave waveform generation. <i>Nature Communications</i> , 2020, 11, 3814.	5.8	42
60	Multi-octave linearized analog photonic link based on a polarization-multiplexing dual-parallel Mach-Zehnder modulator. <i>Optics Express</i> , 2016, 24, 11009.	1.7	41
61	Reconfigurable microwave photonic mixer with minimized path separation and large suppression of mixing spurs. <i>Optics Letters</i> , 2017, 42, 33.	1.7	41
62	Distributed MIMO chaotic radar based on wavelength-division multiplexing technology. <i>Optics Letters</i> , 2015, 40, 1631.	1.7	40
63	Stable fiber delivery of radio-frequency signal based on passive phase correction. <i>Optics Letters</i> , 2014, 39, 3360.	1.7	39
64	Photonics-based reconfigurable multi-band linearly frequency-modulated signal generation. <i>Optics Express</i> , 2018, 26, 32491.	1.7	39
65	Photonics-Based Microwave Image-Reject Mixer. <i>Photonics</i> , 2018, 5, 6.	0.9	38
66	Chip-Based Microwave-Photonic Radar for High-Resolution Imaging. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900239.	4.4	37
67	Performance evaluation of UWB signal transmission over optical fiber. <i>IEEE Journal on Selected Areas in Communications</i> , 2010, 28, 889-900.	9.7	36
68	Wideband optical vector network analyzer based on optical single-sideband modulation and optical frequency comb. <i>Optics Letters</i> , 2013, 38, 4900.	1.7	36
69	Measurement of optical magnitude response based on double-sideband modulation. <i>Optics Letters</i> , 2014, 39, 6174.	1.7	36
70	A Full-Duplex Radio-Over-Fiber Link Based on a Dual-Polarization Mach-Zehnder Modulator. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 852-855.	1.3	36
71	Microwave Photonic Imaging Radar With a Sub-Centimeter-Level Resolution. <i>Journal of Lightwave Technology</i> , 2020, 38, 4948-4954.	2.7	36
72	Photonics-enabled balanced Hartley architecture for broadband image-reject microwave mixing. <i>Optics Express</i> , 2018, 26, 28022.	1.7	36

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73	Performance analysis of optical vector analyzer based on optical single-sideband modulation. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 928.	0.9	35
74	High-resolution phased array radar imaging by photonics-based broadband digital beamforming. Optics Express, 2019, 27, 13194.	1.7	35
75	Simultaneous Radar Detection and Frequency Measurement by Broadband Microwave Photonic Processing. Journal of Lightwave Technology, 2020, 38, 2171-2179.	2.7	35
76	Flexible Frequency-Hopping Microwave Generation by Dynamic Control of Optically Injected Semiconductor Laser. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	34
77	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
78	IR-UWB-Over-Fiber Systems Compatible With WDM-PON Networks. Journal of Lightwave Technology, 2011, 29, 3025-3034.	2.7	33
79	Optical vector analysis with attometer resolution, 90-dB dynamic range and THz bandwidth. Nature Communications, 2019, 10, 5135.	5.8	33
80	Optical Pulse Generation by an Optoelectronic Oscillator With Optically Injected Semiconductor Laser. IEEE Photonics Technology Letters, 2016, 28, 1827-1830.	1.3	31
81	Optical vector analysis based on asymmetrical optical double-sideband modulation using a dual-drive dual-parallel Mach-Zehnder modulator. Optics Express, 2017, 25, 4665.	1.7	31
82	Ultrawideband optical cancellation of RF interference with phase change. Optics Express, 2017, 25, 21259.	1.7	31
83	Fiber-distributed Ultra-wideband noise radar with steerable power spectrum and colorless base station. Optics Express, 2014, 22, 4896.	1.7	30
84	Phase noise measurement of wideband microwave sources based on a microwave photonic frequency down-converter. Optics Letters, 2015, 40, 1326.	1.7	30
85	High-Resolution Optical Vector Analysis Based on Symmetric Double-Sideband Modulation. IEEE Photonics Technology Letters, 2018, 30, 491-494.	1.3	30
86	Microwave channelizer based on a photonic dual-output image-reject mixer. Optics Letters, 2019, 44, 4052.	1.7	30
87	Multiwavelength pulse generation using an actively mode-locked erbium-doped fiber ring laser based on distributed dispersion cavity. IEEE Photonics Technology Letters, 2006, 18, 604-606.	1.3	29
88	A Photonic UWB Generator Reconfigurable for Multiple Modulation Formats. IEEE Photonics Technology Letters, 2009, 21, 1381-1383.	1.3	29
89	An optically controlled phased array antenna based on single sideband polarization modulation. Optics Express, 2014, 22, 3761.	1.7	29
90	Optical generation of polarity- and shape-switchable ultrawideband pulses using a chirped intensity modulator and a first-order asymmetric Mach-Zehnder interferometer. Optics Letters, 2009, 34, 1312.	1.7	28

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91	Simultaneous Provision of UWB and Wired Services in a WDM-PON Network Using a Centralized Light Source. IEEE Photonics Journal, 2010, 2, 712-718.	1.0	28
92	Generation of Seven-Line Optical Frequency Comb Based on a Single Polarization Modulator. IEEE Photonics Technology Letters, 2013, 25, 2164-2166.	1.3	28
93	Background-free pulsed microwave signal generation based on spectral shaping and frequency-to-time mapping. Photonics Research, 2014, 2, B5.	3.4	28
94	Phase-coded microwave signal generation based on a single electro-optical modulator and its application in accurate distance measurement. Optics Express, 2015, 23, 21867.	1.7	28
95	Photonics-Based High-Resolution 3D Inverse Synthetic Aperture Radar Imaging. IEEE Access, 2019, 7, 79503-79509.	2.6	27
96	Complex Coefficient Microwave Photonic Filter Using a Polarization-Modulator-Based Phase Shifter. IEEE Photonics Technology Letters, 2013, 25, 187-189.	1.3	26
97	Multi-frequency phase-coded microwave signal generation based on polarization modulation and balanced detection. Optics Letters, 2016, 41, 107.	1.7	26
98	Photonic generation of tunable dual-chirp microwave waveforms using a dual-beam optically injected semiconductor laser. Optics Letters, 2020, 45, 1342.	1.7	26
99	Photonic generation of pulsed microwave signals with tunable frequency and phase based on spectral-shaping and frequency-to-time mapping. Optics Letters, 2013, 38, 4256.	1.7	25
100	Tunable multitap microwave photonic filter with all complex coefficients. Optics Letters, 2013, 38, 802.	1.7	25
101	Accuracy improvement of optical vector network analyzer based on single-sideband modulation. Optics Letters, 2014, 39, 3595.	1.7	25
102	Optical single sideband polarization modulation for radio-over-fiber system and microwave photonic signal processing. Photonics Research, 2014, 2, B80.	3.4	25
103	Coherent photonic radio frequency channelization based on dual coherent optical frequency combs and stimulated Brillouin scattering. Optical Engineering, 2016, 55, 046106.	0.5	25
104	Flat-top optical resonance in a single-ring resonator based on manipulation of fast- and slow-light effects. Optics Express, 2018, 26, 23215.	1.7	25
105	Wideband Microwave Frequency Division Based on an Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2019, 31, 389-392.	1.3	25
106	Wideband Phase Noise Measurement Using a Multifunctional Microwave Photonic Processor. IEEE Photonics Technology Letters, 2014, 26, 2434-2437.	1.3	24
107	A Compact Optoelectronic Oscillator Based on an Electroabsorption Modulated Laser. IEEE Photonics Technology Letters, 2014, 26, 86-88.	1.3	24
108	Full-duty triangular pulse generation based on a polarization-multiplexing dual-drive Mach-Zehnder modulator. Optics Express, 2016, 24, 28606.	1.7	24

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109	Generation of a Frequency-Quadrupled Phase-Coded Signal With Large Tunability. IEEE Photonics Technology Letters, 2016, 28, 1980-1983.	1.3	24
110	Frequency-multiplying microwave photonic phase shifter for independent multichannel phase shifting. Optics Letters, 2016, 41, 1261.	1.7	24
111	Tunable Photonic Radio-Frequency Filter With a Record High Out-of-Band Rejection. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4502-4512.	2.9	24
112	Photonics-based integrated communication and radar system. , 2019, , .		24
113	High Resolution Microwave Frequency Measurement Using a Dual-Parallel Mach-Zehnder Modulator. IEEE Microwave and Wireless Components Letters, 2013, 23, 623-625.	2.0	23
114	Fast and wide-range optical beam steering with ultralow side lobes by applying an optimized multi-circular optical phased array. Applied Optics, 2018, 57, 4977.	0.9	23
115	A Coupled Optoelectronic Oscillator With Performance Improved by Enhanced Spatial Hole Burning in an Erbium-Doped Fiber. Journal of Lightwave Technology, 2018, 36, 3726-3732.	2.7	23
116	FMCW Lidar Using Phase-Diversity Coherent Detection to Avoid Signal Aliasing. IEEE Photonics Technology Letters, 2019, 31, 1822-1825.	1.3	23
117	Coupled frequency-doubling optoelectronic oscillator based on polarization modulation and polarization multiplexing. Optics Communications, 2012, 285, 1140-1143.	1.0	22
118	Optical vector analysis based on double-sideband modulation and stimulated Brillouin scattering. Optics Letters, 2016, 41, 3671.	1.7	22
119	Photonics-enabled simultaneous self-interference cancellation and image-reject mixing. Optics Letters, 2019, 44, 5541.	1.7	22
120	A photonic frequency downconverter based on a single dual-drive Mach-Zehnder modulator. , 2013, , .		21
121	Frequency-Quadrupling Optoelectronic Oscillator for Multichannel Upconversion. IEEE Photonics Technology Letters, 2013, 25, 426-429.	1.3	21
122	Multichannel Up-Conversion Based on Polarization-Modulated Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2014, 26, 544-547.	1.3	21
123	Compact optical true time delay beamformer for a 2D phased array antenna using tunable dispersive elements. Optics Letters, 2016, 41, 3956.	1.7	21
124	Generation of a frequency-quadrupled phase-coded signal using optical carrier phase shifting and balanced detection. Applied Optics, 2017, 56, 1151.	2.1	21
125	Grating-lobe-suppressed optical phased array with optimized element distribution. Optics Communications, 2018, 419, 47-52.	1.0	21
126	Photonic Generation of Tunable Frequency-Multiplied Phase-Coded Microwave Waveforms. IEEE Photonics Technology Letters, 2018, 30, 1230-1233.	1.3	21



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127	Photonics-based real-time and high-resolution ISAR imaging of non-cooperative target. Chinese Optics Letters, 2017, 15, 112801.	1.3	21
128	Title is missing!. Chinese Optics Letters, 2019, 17, 060601.	1.3	21
129	Accurate optical vector network analyzer based on optical single-sideband modulation and balanced photodetection. Optics Letters, 2015, 40, 569.	1.7	20
130	Triangular Pulse Generation by Polarization Multiplexed Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2016, 28, 1645-1648.	1.3	20
131	Linearized phase-modulated analog photonic link with the dispersion-induced power fading effect suppressed based on optical carrier band processing. Optics Express, 2017, 25, 10397.	1.7	20
132	Photonics-Based Instantaneous Multi-Parameter Measurement of a Linear Frequency Modulation Microwave Signal. Journal of Lightwave Technology, 2018, 36, 2589-2596.	2.7	20
133	Multi-format signal generation using a frequency-tunable optoelectronic oscillator. Optics Express, 2018, 26, 3404.	1.7	20
134	Demonstration of ultra-high-resolution photonics-based Ka-band inverse synthetic aperture radar imaging. , 2018, , .		20
135	A Wavelength-Tunable Single-Longitudinal-Mode Fiber Ring Laser With a Large Sidemode Suppression and Improved Stability. IEEE Photonics Technology Letters, 2010, 22, 413-415.	1.3	19
136	Photonic Generation of Equivalent Single Sideband Vector Signals for RoF Systems. IEEE Photonics Technology Letters, 2016, 28, 2633-2636.	1.3	19
137	Photonic approach for simultaneous measurement of microwave DFS and AOA. Applied Optics, 2021, 60, 4622.	0.9	19
138	A UWB Over Fiber System Compatible With WDM-PON Architecture. IEEE Photonics Technology Letters, 2010, 22, 1500-1502.	1.3	18
139	Experimental Demonstration of Symmetrical Waveform Generation Based on Amplitude-Only Modulation in a Fiber-Based Temporal Pulse Shaping System. IEEE Photonics Technology Letters, 2011, 23, 715-717.	1.3	18
140	Photonics-Based Broadband Microwave Instantaneous Frequency Measurement by Frequency-to-Phase-Slope Mapping. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 544-552.	2.9	18
141	Deep neural network-assisted high-accuracy microwave instantaneous frequency measurement with a photonic scanning receiver. Optics Letters, 2020, 45, 3038.	1.7	18
142	Photonics-based dual-functional system for simultaneous high-resolution radar imaging and fast frequency measurement. Optics Letters, 2019, 44, 1948.	1.7	18
143	Ultrafast and ultrahigh-resolution optical vector analysis using linearly frequency-modulated waveform and dechirp processing. Optics Letters, 2019, 44, 3322.	1.7	18
144	Photonic microwave harmonic down-converter based on stabilized period-one nonlinear dynamics of semiconductor lasers. Optics Letters, 2019, 44, 4869.	1.7	18

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145	Dispersion-tuned multiwavelength actively mode-locked fiber laser using a hybrid gain medium. <i>Optics and Laser Technology</i> , 2008, 40, 854-857.	2.2	17
146	Experimental demonstration of frequency-octupled millimeter-wave signal generation based on a dual-parallel Mach-Zehnder modulator. , 2012, , .		17
147	Optoelectronic Oscillator Based on Polarization Modulation. <i>Fiber and Integrated Optics</i> , 2015, 34, 185-203.	1.7	17
148	Experimental demonstration of arbitrary waveform generation by a 4-bit photonic digital-to-analog converter. <i>Optics Communications</i> , 2017, 383, 191-196.	1.0	17
149	Microwave Photonic MIMO Radar for High-Resolution Imaging. <i>Journal of Lightwave Technology</i> , 2021, 39, 7726-7733.	2.7	17
150	Photonics-based multi-function analog signal processor based on a polarization division multiplexing Mach-Zehnder modulator. <i>Optics Letters</i> , 2017, 42, 5034.	1.7	17
151	Performance enhancement of an optically-injected-semiconductor-laser-based optoelectronic oscillator by subharmonic microwave modulation. <i>Optics Letters</i> , 2018, 43, 5439.	1.7	17
152	Multi-octave and reconfigurable frequency-stepped radar waveform generation based on an optical frequency shifting loop. <i>Optics Letters</i> , 2020, 45, 2038.	1.7	17
153	Injection-locked fiber laser for tunable millimeter-wave generation. <i>Optics Letters</i> , 2011, 36, 4722.	1.7	16
154	Photonics-based wideband Doppler frequency shift measurement by in-phase and quadrature detection. <i>Electronics Letters</i> , 2018, 54, 708-710.	0.5	16
155	Optical Fiber Transfer Delay Measurement Based on Phase-Derived Ranging. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1351-1354.	1.3	16
156	Simultaneous Measurement of Doppler-Frequency-Shift and Angle-of-Arrival of Microwave Signals for Automotive Radars. , 2019, , .		16
157	Multi-Functional Radar Waveform Generation Based on Optical Frequency-Time Stitching Method. <i>Journal of Lightwave Technology</i> , 2021, 39, 458-464.	2.7	16
158	Photonic-assisted wideband phase noise measurement of microwave signal sources. <i>Electronics Letters</i> , 2015, 51, 1272-1274.	0.5	16
159	Background-free millimeter-wave ultra-wideband signal generation based on a dual-parallel Mach-Zehnder modulator. <i>Optics Express</i> , 2013, 21, 27017.	1.7	15
160	A reconfigurable photonic microwave mixer. , 2014, , .		15
161	Photonic Generation of Linearly Chirped Microwave Waveforms With Tunable Parameters. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 1037-1040.	1.3	15
162	Optical RF Interference Cancellation Based on a Dual-parallel Polarization Modulator. , 2014, , .		15

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163	High-Efficiency Photonic Microwave Downconversion With Full-Frequency-Range Coverage. IEEE Photonics Journal, 2015, 7, 1-7.	1.0	14
164	All-fiber-photonics-based ultralow-noise agile frequency synthesizer for X-band radars. Photonics Research, 2018, 6, 12.	3.4	14
165	Ultrahigh-resolution and wideband optical vector analysis for arbitrary responses. Optics Letters, 2018, 43, 727.	1.7	14
166	Microwave Frequency Measurement Based on an Optically Injected Semiconductor Laser. IEEE Photonics Technology Letters, 2020, 32, 1485-1488.	1.3	14
167	Multi-Band LFM Signal With Unidentical Bandwidths Subjected to Optical Injection in a DFB Laser. IEEE Photonics Technology Letters, 2021, 33, 391-394.	1.3	14
168	Millimeter-level resolution through-the-wall radar imaging enabled by an optically injected semiconductor laser. Optics Letters, 2021, 46, 5659.	1.7	14
169	Reconfigurable Identical and Complementary Chirp Dual-LFM Signal Generation Subjected to Dual-Beam Injection in a DFB Laser. Journal of Lightwave Technology, 2020, 38, 5500-5508.	2.7	14
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