Zhouyang Pan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8435838/publications.pdf

Version: 2024-02-01

		46918	79541
511	8,587	47	73
papers	citations	h-index	g-index

512	512	512	2680
all docs	docs citations	times ranked	citing authors

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

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

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

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

#	Article	IF	Citations
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 Machâ€“Zehnder interferometer. Optics Letters, 2009, 34, 1312.	1.7	28

#	Article	IF	Citations
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

#	Article	IF	Citations
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 Machâ€“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

#	Article	IF	Citations
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

#	Article	IF	Citations
145	Dispersion-tuned multiwavelength actively mode-locked fiber laser using a hybrid gain medium. Optics and Laser Technology, 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. Fiber and Integrated Optics, 2015, 34, 185-203.	1.7	17
148	Experimental demonstration of arbitrary waveform generation by a 4-bit photonic digital-to-analog converter. Optics Communications, 2017, 383, 191-196.	1.0	17
149	Microwave Photonic MIMO Radar for High-Resolution Imaging. Journal of Lightwave Technology, 2021, 39, 7726-7733.	2.7	17
150	Photonics-based multi-function analog signal processor based on a polarization division multiplexing Machâ€“Zehnder modulator. Optics Letters, 2017, 42, 5034.	1.7	17
151	Performance enhancement of an optically-injected-semiconductor-laser-based optoelectronic oscillator by subharmonic microwave modulation. Optics Letters, 2018, 43, 5439.	1.7	17
152	Multioctave and reconfigurable frequency-stepped radar waveform generation based on an optical frequency shifting loop. Optics Letters, 2020, 45, 2038.	1.7	17
153	Injection-locked fiber laser for tunable millimeter-wave generation. Optics Letters, 2011, 36, 4722.	1.7	16
154	Photonicsâ€based wideband Doppler frequency shift measurement by inâ€phase and quadrature detection. Electronics Letters, 2018, 54, 708-710.	0.5	16
155	Optical Fiber Transfer Delay Measurement Based on Phase-Derived Ranging. IEEE Photonics Technology Letters, 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. Journal of Lightwave Technology, 2021, 39, 458-464.	2.7	16
158	Photonicâ€assisted wideband phase noise measurement of microwave signal sources. Electronics Letters, 2015, 51, 1272-1274.	0.5	16
159	Background-free millimeter-wave ultra-wideband signal generation based on a dual-parallel Mach-Zehnder modulator. Optics Express, 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. IEEE Photonics Technology Letters, 2020, 32, 1037-1040.	1.3	15
162	Optical RF Interference Cancellation Based on a Dual-parallel Polarization Modulator. , 2014, , .		15

#	Article	IF	Citations
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
170	An RF-Source-Free Reconfigurable Microwave Photonic Radar With High-Resolution and Fast Detection Capability. Journal of Lightwave Technology, 2022, 40, 2862-2869.	2.7	14
171	Passive phase correction for stable radio frequency transfer via optical fiber. Photonic Network Communications, 2016, 31, 327-335.	1.4	13
172	Reflective-Type Microring Resonator for On-Chip Reconfigurable Microwave Photonic Systems. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-12.	1.9	13
173	Photonics-based 3D radar imaging with CNN-assisted fast and noise-resistant image construction. Optics Express, 2021, 29, 19352.	1.7	13
174	Photonics-Based Adaptive RF Self-Interference Cancellation and Frequency Downconversion. Journal of Lightwave Technology, 2022, 40, 1989-1999.	2.7	13
175	Wavelength reuse in a bidirectional radio-over-fiber link based on cross-gain and cross-polarization modulation in a semiconductor optical amplifier. Optics Letters, 2013, 38, 3496.	1.7	12
176	Microwave photonic signal generation for radar applications. , 2016, , .		12
177	Time-Domain Waveform Synthesis Using a Dual-Polarization Modulator. IEEE Photonics Technology Letters, 2016, 28, 2689-2692.	1.3	12
178	Analysis of Photonics-Based RF Beamforming With Large Instantaneous Bandwidth. Journal of Lightwave Technology, 2017, 35, 5010-5019.	2.7	12
179	Wideband microwave phase noise measurement based on photonic-assisted I/Q mixing and digital phase demodulation. Optics Express, 2017, 25, 22760.	1.7	12
180	Fiber-distributed ultra-wideband radar network based on wavelength reusing transceivers. Optics Express, 2018, 26, 18457.	1.7	12

#	Article	IF	Citations
181	Photonics-Based Radar-Lidar Integrated System for Multi-Sensor Fusion Applications. IEEE Sensors Journal, 2020, 20, 15068-15074.	2.4	12
182	Photonic scanning receiver for wide-range microwave frequency measurement by photonic frequency octupling and in-phase and quadrature mixing. Optics Letters, 2020, 45, 5381.	1.7	12
183	Towards High-Resolution Imaging With Photonics-Based Time Division Multiplexing MIMO Radar. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-10.	1.9	12
184	Photonic microwave up-conversion using optoelectronic oscillator based on polarisation modulator. Electronics Letters, 2012, 48, 271.	0.5	11
185	Instantaneous frequency measurement with adjustable measurement range and resolution based on polarisation modulator. Electronics Letters, 2013, 49, 277-279.	0.5	11
186	A two-stage optical frequency comb generator based on polarization modulators and a Machâ€“Zehnder interferometer. Optics Communications, 2015, 354, 94-102.	1.0	11
187	Simplified 2-bit photonic digital-to-analog conversion unit based on polarization multiplexing. Optical Engineering, 2015, 55, 031115.	0.5	11
188	A Frequency-tunable Two-tone RF Signal Generator by Polarization Multiplexed Optoelectronic Oscillator. IEEE Microwave and Wireless Components Letters, 2017, 27, 192-194.	2.0	11
189	Wideband Microwave Phase Noise Analyzer Based on an All-Optical Microwave I/Q Mixer. Journal of Lightwave Technology, 2018, 36, 4319-4325.	2.7	11
190	Compact Phase Detector for Optical-Microwave Synchronization Using Polarization Modulation. Journal of Lightwave Technology, 2018, 36, 4267-4272.	2.7	11
191	Three-dimensional Multiple Signal Classification (3D-MUSIC) for Super-resolution FMCW Radar Detection. , 2019, , .		11
192	Multifunction Lidar System Based on Polarization-Division Multiplexing. Journal of Lightwave Technology, 2019, 37, 2000-2007.	2.7	11
193	Multi-Band RF Transceiver Based on the Polarization Multiplexed Photonic LOs and Mixers. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-9.	1.9	11
194	Broadband Instantaneous Multi-Frequency Measurement Based on a Fourier Domain Mode-Locked Laser. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4576-4583.	2.9	11
195	Arbitrary Bias Point Control for Mach-Zehnder Modulator Using a Linear-Frequency Modulated Signal. IEEE Photonics Technology Letters, 2021, 33, 577-580.	1.3	11
196	Frequencyâ€domain versus timeâ€domain imaging for photonicsâ€based broadband radar. Electronics Letters, 2020, 56, 1330-1332.	0.5	11
197	Tunable triangular frequency modulated microwave waveform generation with improved linearity using an optically injected semiconductor laser. Applied Optics, 2019, 58, 5479.	0.9	11
198	Optical 3R regeneration of 40Gbit/s degraded data signals. Optics Communications, 2006, 266, 290-295.	1.0	10

#	Article	IF	Citations
199	Generation of a chirp-free optical pulse train with tunable pulse width based on a polarization modulator and an intensity modulator. Optics Letters, 2009, 34, 2186.	1.7	10
200	Polarization-insensitive photonic microwave downconversion. Optics Letters, 2013, 38, 2237.	1.7	10
201	Large dynamic range optical vector analyzer based on optical single-sideband modulation and Hilbert transform. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	10
202	A Frequency-Tunable Binary Phase-Coded Microwave Signal Generator With a Tunable Frequency Multiplication Factor. IEEE Photonics Journal, 2017, 9, 1-15.	1.0	10
203	Photonics-Based Simultaneous Angle of Arrival and Frequency Measurement System With Multiple-Target Detection Capability. Journal of Lightwave Technology, 2021, 39, 7656-7663.	2.7	10
204	Towards small target recognition with photonics-based high resolution radar range profiles. Optics Express, 2021, 29, 31574.	1.7	10
205	Coherent Random-Modulated Continuous-Wave LiDAR Based on Phase-Coded Subcarrier Modulation. Photonics, 2021, 8, 475.	0.9	10
206	Fiber-connected UWB sensor network for high-resolution localization using optical time-division multiplexing. Optics Express, 2013, 21, 21218.	1.7	9
207	Influence of Unwanted First-Order Sideband on Optical Vector Analysis Based on Optical Single-Sideband Modulation. Journal of Lightwave Technology, 2017, 35, 2580-2586.	2.7	9
208	Phase Noise Measurement of RF Signals by Photonic Time Delay and Digital Phase Demodulation. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 4306-4315.	2.9	9
209	60-GHz RoF System for Dispersion-Free Transmission of HD and Multi-Band 16QAM. IEEE Photonics Technology Letters, 2018, 30, 1305-1308.	1.3	9
210	Photonic-assisted high-resolution incoherent back projection synthetic aperture radar imaging. Optics Communications, 2020, 466, 125633.	1.0	9
211	High-Accuracy and Fast Measurement of Optical Transfer Delay. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-4.	2.4	9
212	Generation of a stable and frequency-tunable microwave signal using a polarization modulator and a wavelength-fixed notch filter. , 2009, , .		9
213	Provision of IR-UWB wireless and baseband wired services over a WDM-PON. Optics Express, 2011, 19, B209.	1.7	8
214	Optical vector network analyzer based on optical single-sideband modulation. , 2013, , .		8
215	Photonic RF channelization based on series-coupled asymmetric double-ring resonator filter. , 2014, , .		8
216	Phase stable radio distribution over optic cable by phase conjugation using an optical frequency comb. , 2015, , .		8

#	Article	IF	Citations
217	Photonic generation of linear frequency-modulated waveform with improved time-bandwidth product. , 2015, , .		8
218	Microwave photonic mixer with suppression of mixing spurs. , 2015, , .		8
219	Photonics-Based Microwave Switching Using Optical Single Sideband Wavelength Conversion in a Semiconductor Optical Amplifier. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 245-252.	2.9	8
220	A Multi-Antenna GNSS-Over-Fiber System for High Accuracy Three-Dimensional Baseline Measurement. Journal of Lightwave Technology, 2019, 37, 4201-4209.	2.7	8
221	Analysis of a flat-top optical ring resonator. Optics Communications, 2019, 451, 290-295.	1.0	8
222	Microwave Photonic Channelizer Based on Polarization Multiplexing and Photonic Dual Output Image Reject Mixer. IEEE Access, 2019, 7, 158308-158316.	2.6	8
223	Broadband twoâ€thirds photonic microwave frequency divider. Electronics Letters, 2019, 55, 1141-1143.	0.5	8
224	Microwave Photonic Bistatic Radar for Real-Time and High-Resolution Imaging. IEEE Photonics Technology Letters, 2020, 32, 1397-1400.	1.3	8
225	Broadband Image-Reject Mixing Based on a Polarization-Modulated Dual-Channel Photonic Microwave Phase Shifter. IEEE Photonics Journal, 2020, 12, 1-9.	1.0	8
226	High-Accuracy Optical Fiber Transfer Delay Measurement Using Fiber-Optic Microwave Interferometry. Journal of Lightwave Technology, 2021, 39, 627-632.	2.7	8
227	Photonics-Assisted Radio Frequency Memory. Journal of Lightwave Technology, 2022, 40, 624-631.	2.7	8
228	Impact of Dispersion Effects on Temporal-Convolution-Based Real-Time Fourier Transformation Systems. Journal of Lightwave Technology, 2020, 38, 4664-4676.	2.7	8
229	Stable multiwavelength erbium-doped fiber laser at room temperature with tunable wavelength, wavelength spacing, and channel number. Optical Engineering, 2006, 45, 114203.	0.5	7
230	Analysis of Gain Competition Suppression in Multiwavelength Actively Mode-Locked Erbium-Doped Fiber Lasers Incorporating a Highly Nonlinear Fiber. IEEE Journal of Quantum Electronics, 2008, 44, 245-253.	1.0	7
231	Stable radio transfer via an optic cable with multiple fibers based on passive phase error correction. , 2014, , .		7
232	Injection With Negative Wavelength Detuning for Multispectrum Frequency Generation and Hopping Using SMFP-LD. IEEE Photonics Journal, 2017, 9, 1-11.	1.0	7
233	Microwave Frequency Generation, Switching, and Controlling Using Single-Mode FP-LDs. Journal of Lightwave Technology, 2018, 36, 4273-4281.	2.7	7
234	Ultrahigh-Resolution Optoelectronic Vector Analysis Utilizing Photonics-Based Frequency Up- and Down-Conversions. Journal of Lightwave Technology, 2020, , 1-1.	2.7	7

#	Article	IF	Citations
235	Broadband Optoelectronic Frequency Response Measurement Utilizing Frequency Conversion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-5.	2.4	7
236	Self-calibrating and high-sensitivity microwave phase noise analyzer applying an optical frequency comb generator and an optical-hybrid-based I/Q detector. Optics Letters, 2018, 43, 5029.	1.7	7
237	Photonic generation of ultrawideband signals based on frequency-dependent gain saturation in a reflective semiconductor optical amplifier. Optics Letters, 2012, 37, 4251.	1.7	6
238	A high-resolution optical vector network analyzer with the capability of measuring bandpass devices. , 2013, , .		6
239	Wavelength-Division Multiplexed Fiber-Connected Sensor Network for SLource Localization. IEEE Photonics Technology Letters, 2014, 26, 1874-1877.	1.3	6
240	A fiber-distributed bistatic ultra-wideband radar based on optical time division multiplexing. , 2015, , .		6
241	A tunable multi-frequency optoelectronic oscillator based on stimulated Brillouin scattering. , 2015, , .		6
242	An Optical Frequency Shifter Based on High-Order Optical Single-Sideband Modulation and Polarization Multiplexing. Journal of Lightwave Technology, 2016, 34, 5094-5100.	2.7	6
243	High-resolution and real-time inverse synthetic aperture imaging based on a broadband microwave photonic radar. , 2017, , .		6
244	Ultrahigh-Resolution Electro-Optic Vector Analysis for Characterization of High-Speed Electro-Optic Phase Modulators. Journal of Lightwave Technology, 2018, 36, 1644-1649.	2.7	6
245	Simultaneous Generation of Multiband Signals Using External Cavity-Based Fabryâ€“Perot Laser Diode. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 606-617.	2.9	6
246	Wideband microwave photonic I/Q mixer based on parallel installed phase modulator and Mach-Zehnder modulator. , 2018, , .		6
247	A Modulator-Free Photonic Triangular Pulse Generator Based on Semiconductor Lasers. IEEE Photonics Technology Letters, 2018, 30, 1317-1320.	1.3	6
248	Performance-improved microwave photonic single-passband filter using birefringence of phase-shifted fiber Bragg grating. Optics Communications, 2018, 428, 41-46.	1.0	6
249	Ringâ€modulatorâ€based RoF system with local SSB modulation and remote carrier reuse. Electronics Letters, 2019, 55, 1101-1104.	0.5	6
250	Compact All-Fiber Polarization Coherent Lidar Based on a Polarization Modulator. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2193-2198.	2.4	6
251	A Multi-frequency Optoelectronic Oscillator based on a Single Phase-Modulator. , 2015, , .		6
252	Photonically Generated Frequency Hopped Linear Frequency Modulated Signal Using a DFB Laser. Journal of Lightwave Technology, 2022, 40, 6729-6736.	2.7	6

#	Article	IF	Citations
253	Photonic-Assisted Tunable Microwave Pulse Fractional Hilbert Transformer Based on a Temporal Pulse Shaping System. IEEE Photonics Technology Letters, 2011, 23, 570-572.	1.3	5
254	Wideband signal upconversion and phase shifting based on a frequency tunable optoelectronic oscillator. Optical Engineering, 2014, 53, 036101.	0.5	5
255	Optical spectral response measurement based on optical singleâ€sideband modulation with doubled measurement range. Electronics Letters, 2016, 52, 852-853.	0.5	5
256	Accuracy enhanced distance measurement system using double-sideband modulated frequency scanning interferometry. Optical Engineering, 2017, 56, 036114.	0.5	5
257	Linear frequency-modulated waveform generation based on a tunable optoelectronic oscillator. , 2017, , .		5
258	Photonics-based Multiband Radar Applying an Optical Frequency Sweeping Comb and Photonic Dechirp Receiving. , 2018, , .		5
259	Ultrahigh-resolution optical vector analysis using fixed low-frequency electrical phase-magnitude detection. Optics Letters, 2018, 43, 3041.	1.7	5
260	Multi-Band Linear Frequency Modulation in External Cavity FP-LD Subjected to Multi-Input Injection. IEEE Photonics Technology Letters, 2021, 33, 565-568.	1.3	5
261	High-Speed Switchable Dual-Passband Microwave Photonic Filter With Dual-Beam Injection in an SMFP-LD. Journal of Lightwave Technology, 2021, 39, 7966-7972.	2.7	5
262	A highly reconfigurable photonic microwave frequency mixer. SPIE Newsroom, 0, , .	0.1	5
263	Frequency-Doubled and Phase-Coded RF Signal Generation Based on Orthogonally Polarized Carrier-suppressed Double Sideband Modulation. , 2014, , .		5
264	Frequency-octupled phase-coded signal generation based on carrier-suppressed high-order double sideband modulation. Chinese Optics Letters, 2017, 15, 070603.	1.3	5
265	Multi-vibration detection by probe pulses with ergodic SOPs in a POTDR system. Optics Express, 2018, 26, 28349.	1.7	5
266	Frequency-Modulated Continuous-Wave Coherent Lidar With Downlink Communications Capability. IEEE Photonics Technology Letters, 2020, 32, 655-658.	1.3	5
267	Oneâ€third optical frequency divider for dualâ€wavelength optical signals based on an optoelectronic oscillator. Electronics Letters, 2020, 56, 727-729.	0.5	5
268	A compact image-reject and single-sideband mixer with suppression of LO leakage based on a dual-polarization dual-drive Mach-Zehnder modulator. , 2016, , .		5
269	Period-One Laser Dynamics for Photonic Microwave Signal Generation and Applications. Photonics, 2022, 9, 227.	0.9	5
270	Simultaneous Measurement of Microwave Doppler Frequency Shift and Angle of Arrival Based on a Silicon Integrated Chip. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 4243-4251.	2.9	5

#	Article	IF	Citations
271	A tunable and dispersion-insensitive microwave photonic filter. Science China Technological Sciences, 2013, 56, 603-607.	2.0	4
272	Tunable up-converting optoelectronic oscillator based on Stimulated Brillouin Scattering. , 2013, , .		4
273	A full-duplex radio-over-fiber system with centralized light source and bidirectional fiber transmission based on optical sideband reuse. , 2014, , .		4
274	A Q-band radio-over-fiber system for distribution of uncompressed high-definition video signals. Photonic Network Communications, 2016, 32, 179-187.	1.4	4
275	RoF System Based on an III-V-on-Silicon Transceiver With a Transfer-Printed PD. IEEE Photonics Technology Letters, 2019, 31, 1045-1048.	1.3	4
276	Image reject mixer with greatly improved rejection ratio based on the balanced Hartley architecture. , 2019, , .		4
277	Notch/bandpass Microwave Photonic Filter Based on a Microring Resonator and a LiNbO₃ Phase Modulator. , 2019, , .		4
278	Ultrahigh-Resolution Optoelectronic Vector Analysis for Characterization of High-Speed Integrated Coherent Receivers. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3812-3817.	2.4	4
279	Optical vector analyzer with time-domain analysis capability. Optics Letters, 2021, 46, 186.	1.7	4
280	A simple microwave photonic downconverter with high conversion efficiency based on a polarization modulator. , 2014, , .		4
281	Microwave photonic sparse radar with a high range resolution. , 2022, , .		4
282	First- and second-order PMD mitigation using 3R regeneration. , 2005, , .		3
283	Transmission of 1.25-Gb/s quasi-single-sideband optical UWB signals over single-mode fiber. , 2010, , .		3
284	Influence of large signal modulation on photonic UWB generation based on electro-optic modulator. Optics Express, 2011, 19, 13686.	1.7	3
285	Tunable optoelectronic oscillator based on a chirped Mach-Zehnder modulator. Optical Engineering, 2013, 52, 055005.	0.5	3
286	A Microwave photonic system for simultaneous frequency mixing and phase shifting. , 2015, , .		3
287	Coherent photonic RF channelization based on stimulated brillouin scattering. , 2015, , .		3
288	GaAs-based polarization modulators for microwave photonic applications. Frontiers of Optoelectronics, 2016, 9, 497-507.	1.9	3

#	Article	IF	Citations
289	High-sensitivity phase noise measurement of RF sources by photonic-delay line and digital phase demodulation. , 2017, , .		3
290	Tuning of Transmission Responses of an Optical Microring With Negligible Wavelength Shift. IEEE Photonics Technology Letters, 2018, 30, 227-230.	1.3	3
291	A Multi-antenna GNSS-over-fiber System with High Vertical Precision. , 2018, , .		3
292	Photonics-based Radar Transceiver For Full-Polarimetric Inverse Synthetic Aperture Imaging. , 2018, , .		3
293	Ultra-high resolution real-time radar imaging based on microwave photonics. , 2018, , .		3
294	Ultrahigh-Resolution Optical Vector Analysis for Arbitrary Responses Using Low-Frequency Detection. IEEE Photonics Technology Letters, 2018, 30, 1523-1526.	1.3	3
295	Optical Vector Analysis With Improved Accuracy and Enhanced Dynamic Range. IEEE Photonics Technology Letters, 2019, 31, 1565-1568.	1.3	3
296	Large-Dynamic Frequency Response Measurement for Broadband Electro-Optic Phase Modulators. IEEE Photonics Technology Letters, 2019, 31, 291-294.	1.3	3
297	Multiantenna GPS-Over-Fiber System for Attitude Determination Using Phase-Derived Range Measurement. IEEE Photonics Journal, 2019, 11, 1-10.	1.0	3
298	Writing 10 Gb/s Data Bits With Addressing Using External Cavity-Based SMFP-LDs. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-9.	1.9	3
299	Optical Behavior Analysis of Negative Wavelength Detuning in SMFP-LD and Its Effect on Multi-RF Generation. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	3
300	On-chip Photonic Method for Doppler Frequency Shift Measurement. , 2019, , .		3
301	Terahertz generation by optically injected semiconductor laser for radar and communication applications. Journal of Engineering, 2019, 2019, 7193-7195.	0.6	3
302	Stabilize the Coupled Optoelectronic Oscillator by an Unpumped Erbium-Doped Fiber. , 2012, , .		3
303	Stabilize the Regeneratively Mode-Locked Fiber Laser based on a Polarization Maintained Dual-loop Structure. , 2015, , .		3
304	Optical Spectrum Analysis with a Resolution of 6 fm Based on a Frequency-Swept Microwave-Photonic Source. , 2017, , .		3
305	Polarization-maintained coupled optoelectronic oscillator incorporating an unpumped erbium-doped fiber. Chinese Optics Letters, 2018, 16, 010604.	1.3	3
306	A simple method for photonic generation of linearly chirped microwave waveforms with ultralarge time-bandwidth product. , 2016, , .		3

#	Article	IF	Citations
307	High-resolution Detection by Multiband Fusion of Photonics-based Radars. , 2021, , .		3
308	Photonic generation and transmission of UWB signals with On-Off keying and bi-phase modulation schemes. , 2009, , .		2
309	A dispersion-insensitive UWB over fiber system based on a photonic microwave bandpass filter. , 2010, , .		2
310	Simultaneous generation and transmission of UWB wireless and baseband wired signals employing a dual-drive modulator. , 2011, , .		2
311	Transmission of 3-Gb/s uncompressed HD video in a optoelectronic-oscillator-based radio over fiber link. , 2013, , .		2
312	UWB-over-fiber sensor network for accurate localization based on optical time-division multiplexing. , 2013, , .		2
313	A photonic-assisted transceiver with wavelength reuse for distributed UWB radar. , 2014, , .		2
314	Series-coupled double-ring resonators with asymmetric radii for use in channelizer. Proceedings of SPIE, 2014, , .	0.8	2
315	An electrically-tunable microwave photonic filter based on polarization modulation. , 2014, , .		2
316	Stimulated Brillouin scattering based optical frequency comb generation using a stocks wave recycling loop. , 2014, , .		2
317	A Colorless Remote Antenna Unit for Bidirectional Photonic Antenna Remoting. IEEE Microwave and Wireless Components Letters, 2014, 24, 275-277.	2.0	2
318	Stable frequency dissemination via optical fiber based on passive phase fluctuation cancellation. , 2015, , .		2
319	Multi-frequency optoelectronic oscillators: Realization and applications. , 2016, , .		2
320	Broadband microwave measurement based on photonics technologies. , 2016, , .		2
321	An optically tunable frequency-multiplying optoelectronic oscillator through equivalent phase modulation. , 2017, , .		2
322	Wideband optical cancellation of RF interference with phase change. , 2017, , .		2
323	Photonics-Assisted Radio-Frequency Self-Interference Cancellation and Fiber Transmission Using a DP-QPSK modulator. , 2018, , .		2
324	Low-Noise Repetition-Rate Multiplication by Injection Locking and Gain- Saturated Amplification. IEEE Photonics Technology Letters, 2019, 31, 997-1000.	1.3	2

#	Article	IF	Citations
325	Photonics-based super-resolution phased array radar detection applying two-dimensional multiple signal classification (2D-MUSIC). , 2019, , .		2
326	FMCW lidar with communication capability using phase-diversity coherent detection. , 2019, , .		2
327	High-Resolution Optical Vector Analysis With Enhanced Sensitivity. IEEE Photonics Technology Letters, 2021, 33, 581-584.	1.3	2
328	Dual-output filter-free microwave photonic single sideband up-converter with high mixing spur suppression. Applied Optics, 2021, 60, 7888.	0.9	2
329	Frequency-modulated continuous-wave laser ranging using low-duty-cycle signals for the applications of real-time super-resolved ranging. Optics Letters, 2021, 46, 258.	1.7	2
330	Linear Analog Photonic Link Based on Cascaded Polarization Modulators. , 2012, , .		2
331	A microwave photonic phase detector based on a dual-polarization dual-drive Mach-Zehnder modulator. , 2021, , .		2
332	Optical Transfer Delay Measurement Based on Multi-frequency Phase-Derived Ranging. , 2021, , .		2
333	All-Optical Regenerative Wavelength Conversion Based on a Modified Delayed Interference Signal Wavelength Converter. , 2010, , .		2
334	Linear Analog Photonic Link Based on Cascaded Polarization Modulators. , 2012, , .		2
335	A multi-octave microwave downconverter based on a dual-drive Mach-Zehnder modulator. , 2016, , .		2
336	Performance evaluation of optical beamforming-based wideband antenna array (Invited Paper). Chinese Optics Letters, 2017, 15, 010013-10017.	1.3	2
337	Thirteen coherent comb lines generated by a single integrated modulator. Optical Engineering, 2018, 57, 1.	0.5	2
338	Experimental Analysis of laser Dynamics in Single Mode FP-LD Subjected to Dual-Beam Injection. , 2020, , .		2
339	High-resolution 3D imaging with a photonics-based broadband MIMO radar. , 2021, , .		2
340	Deep-learning-based timeâ€“frequency domain signal recovery for fiber-connected radar networks. Optics Letters, 2022, 47, 50.	1.7	2
341	Photonics-based Simultaneous Angle of Arrival and Frequency Measurement for Multiple Targets Detection. , 2020, , .		2
342	High-resolution 3D imaging with a photonics-based broadband MIMO radar. , 2021, , .		2

#	Article	IF	Citations
343	Linear Frequency Modulated Photonics RADAR using Injection Locking in Semiconductor Laser. , 2021, , .		2
344	RF Multiplier Based on Harmonic-Locked SMFP-LD and OEO Structure. IEEE Access, 2022, 10, 435-440.	2.6	2
345	Ultra-compact wideband filter with sidelobe suppression based on double modulated grating-assisted microring resonator. , 2022, 1, 623.		2
346	Switchable single-longitudinal-mode dual-wavelength fiber ring laser using hybrid gain medium. , 2008, , .		1
347	Optical NRZ to RZ format conversion based on a frequency-doubling optoelectronic oscillator. , 2009, , .		1
348	Line Width Measurement Based on a Delayed Self-heterodyne Interferometer Using a Mach-Zehnder Modulator. , 2012, , .		1
349	Proposal and simulation investigation of optical format conversion between quaternary amplitude-shift keying signals based on cascaded modulators. Optical Fiber Technology, 2012, 18, 117-120.	1.4	1
350	A UWB over fiber system based on frequency-dependent gain saturation in a RSOA. , 2013, , .		1
351	A study on the measurement error of the optical vector network analyzer based on single-sideband modulation. , 2013, , .		1
352	Polarization-modulated microwave photonic signal processing. , 2013, , .		1
353	Fiber-optic remote Ultra-wideband noise radar with colorless base station. , 2013, , .		1
354	Reconfigurable microwave photonic filter based on polarization modulation. Optical Engineering, 2015, 55, 031120.	0.5	1
355	Optical Vector Analysis with Ultra-high Resolution. , 2016, , .		1
356	Photonic microwave image-reject mixer with large suppression of mixing spurs. , 2016, , .		1
357	Linearized phase-modulated analog photonic link based on optical carrier band processing. , 2016, , .		1
358	Agile frequency-hopping microwave waveform generation by a semiconductor laser subject to optical injection. , 2016, , .		1
359	Frequency tunable two-tone signal generation based on polarization multiplexed optoelectronic oscillator. , 2016, , .		1
360	High-accurate optical vector analysis based on optical single-sideband modulation. Proceedings of SPIE, 2016, , .	0.8	1

#	Article	IF	Citations
361	Experimental investigation of photonic microwave switching based on XGM in a SOA. Optics Communications, 2016, 373, 95-99.	1.0	1
362	Generation of an orthogonally polarized dual-wavelength optical signal with large wavelength-spacing tunability by using an integrated modulator and a Sagnac loop. Optical and Quantum Electronics, 2017, 49, 1.	1.5	1
363	RF front-end based on microwave photonics. , 2017, , .		1
364	A compact optical-microwave phase detector based on a polarization modulator. , 2017, , .		1
365	Mirror-symmetric Fano-like resonances based on an add-drop microring resonator interferometer on a silicon chip. , 2017, , .		1
366	A photonic analog-to-digital converter with multiplied sampling rate using a fiber ring. , 2017, , .		1
367	Low-phase-noise frequency synthesizer based on optoelectronic oscillator. , 2017, , .		1
368	Coherent RF channelizer based on dual optical frequency combs and image-reject mixers. , 2017, , .		1
369	Ultra-High Resolution Real-Time Radar Imaging Based on Microwave Photonics. , 2018, , .		1
370	Photonic-Assisted Multi-Frequency Phase-Coded Microwave Signal Generation. , 2018, , .		1
371	Ultrahighâ€resolution coherent optical spectrum analysis based on electrical frequency sweeping with a doubled measurement range. Electronics Letters, 2018, 54, 842-844.	0.5	1
372	Dual-chirp microwave waveform generation for radar application based on an optically injected semiconductor laser. , 2018, , .		1
373	Simultaneous Radar Detection and Microwave Frequency Measurement Based on Microwave Photonics. , 2019, , .		1
374	Photonics-based receiver for decoupled velocity and range measurement. , 2019, , .		1
375	Photonics-Enhanced RF Spectrum Sensing. , 2020, , .		1
376	Microwave Omnidirectional Angle-of-Arrival Measurement based on an Optical Ten-Port Receiver. Journal of Lightwave Technology, 2021, , 1-1.	2.7	1
377	Comprehensive vector analysis for electro-optical, opto-electronic, and optical devices. Optics Letters, 2021, 46, 1856.	1.7	1
378	Photonicsâ€based deâ€chirp processor with the capability of processing dualâ€band signals. Electronics Letters, 2021, 57, 483.	0.5	1

#	Article	IF	Citations
379	K-band optoelectronic oscillator based on a double-Brillouin-frequency shifter. Optical Engineering, 2019, 58, 1.	0.5	1
380	Distribution of 1.5-Gbps HD Video using Beamforming-based Radio over Fiber System. , 2013, , .		1
381	Machine Learning based LFM Signal Recovery for Fiber-Connected Radar Networks. , 2021, , .		1
382	A UWB over Fiber System based on a Tunable Single Passband Microwave Photonic Filter. , 2013, , .		1
383	Application of the probe pulse with ergodic SOPs in detecting multi-vibrations using POTDR. , 2018, , .		1
384	Compact photonic triangular waveform generator with wideband tunability. Optical Engineering, 2018, 57, 1.	0.5	1
385	Photonics-based dual-band RF receiver with large crosstalk suppression. , 2018, , .		1
386	Frequency-modulated continuous-wave lidar using a phase-diversity coherent optical receiver for simultaneous ranging and velocimetry. , 2019, , .		1
387	Microwave frequency division based on an optoelectronic oscillator. , 2019, , .		1
388	A feedback system for the stability improvement of optical frequency comb generating system based on a single integrated PM-DMZM. , 2019, , .		1
389	Highâ€resolution optical vector network analyser employing optical doubleâ€sideband modulation and optical Hilbert transform. Electronics Letters, 2019, 55, 337-339.	0.5	1
390	Feedback method and structure to improve the stability of the OFC-generated system based on electro-optic modulation. Optical Engineering, 2019, 58, 1.	0.5	1
391	Demonstration of a RF-Source-Free Microwave Photonic Radar Based on an Optically Injected Semiconductor Laser. , 2021, , .		1
392	Photonics-based inverse synthetic aperture radar for near-field RCS calculation. , 2020, , .		1
393	FBG Demodulation With Enhanced Performance Based on Optical Fiber Relative Delay Measurement. IEEE Photonics Technology Letters, 2020, 32, 775-778.	1.3	1
394	Arbitrary waveform generation by a 4-bit photonic digital-to-analog converter with 3.49 effective number of bits. , 2016, , .		1
395	A coupled optoelectronic oscillator based on enhanced spatial hole burning effect. , 2016, , .		1
396	Photonics-based RF self-interference cancellation for distributed systems. , 2021, , .		1

#	Article	IF	Citations
397	Photonic Real-time Fourier Transform Based on Frequency Stretching of RF Signals. , 2021, , .		1
398	Stable multiwavelength actively mode-locked erbium-doped fiber ring laser based on distributed dispersion cavity. , 2006, , .		0
399	Simple adaptive firstâ€order PMD compensator using a Faraday rotator and a variable DGD element. Microwave and Optical Technology Letters, 2008, 50, 2417-2420.	0.9	0
400	A NRZ wavelength converter based on a nonlinear polarization switch cascading a reshaping delayed interferometer. , 2009, , .		0
401	Transient state of wavelength tuning in mode-locked lasers with a dispersive cavity. Proceedings of SPIE, 2010, , .	0.8	0
402	All-optical wavelength conversion of nonreturn-to-zero signals based on a nonlinear polarization switch and a delayed interferometer. Optical Engineering, 2010, 49, 110502.	0.5	0
403	A novel optical NRZ-to-RZ format converter based on a polarization modulator and an intensity modulator. , 2010, , .		0
404	Wavelength reuse in UWB over fiber system. , 2010, , .		0
405	Transient state of wavelength tuning in mode-locked lasers with a dispersive cavity. , 2010, , .		0
406	Converged IR-UWB Wireless and Baseband Wired Access Over a WDM-PON. , 2011, , .		0
407	Optical clock recovery with dual-wavelength output from degraded RZ and NRZ signals. Optics Communications, 2011, 284, 4465-4469.	1.0	0
408	Investigation of modulation distortion in photonic UWB generation based on a phase modulator. , 2011, , .		0
409	Photonic generation of chirp-free UWB signals with high tolerance to fiber dispersion. , 2011, , .		0
410	Frequency-doubling optoelectronic oscillator based on a polarization modulator. , 2011, , .		0
411	Photonic microwave bandpass filter based on optical single-sideband polarization modulation for long-reach radio over fiber applications. , 2012, , .		0
412	UWB over WDM-PON. , 2012, , .		0
413	UWB over WDM-PON. , 2012, , .		0
414	A radio over fiber link for the wireless distribution of 3-Gb/s uncompressed HD video (invited paper). , 2012, , .		0

#	Article	IF	Citations
415	Transmission of 3-Gb/s uncompressed HD video in a optoelectronic-oscillator-based radio over fiber link. , 2013, , .		0
416	Transmission of 3-Gb/s uncompressed HD video in a optoelectronic-oscillator-based radio over fiber link. , 2013, , .		0
417	Transmission of 3-Gb/s uncompressed HD video in a optoelectronic-oscillator-based radio over fiber link. , 2013, , .		0
418	A bidirectional radio-over-fiber system based on cross-polarization modulation effect in a semiconductor optical amplifier. , 2013, , .		0
419	Transmission of 3-Gb/s uncompressed HD video in a optoelectronic-oscillator-based radio over fiber link. , 2013, , .		0
420	An optical true-time-delay unit for independent beamforming of multiple RF signals. , 2014, , .		0
421	Photonic time-stretched analog-to-digital converter with suppression of dispersion-induced power fading based on polarization modulation. , 2014, , .		0
422	A full-duplex OSSB modulated ROF system with centralized light source by optical sideband reuse. , 2014, , .		0
423	Post phase correction for stable fiber delivery of radio-frequency signal. , 2014, , .		0
424	Optoelectronic oscillators based on polarization modulation. , 2014, , .		0
425	A microwave photonic system with switchable functions based on cascaded polarization modulators. , 2014, , .		0
426	Stable radio frequency transfer via optical fiber based on passive phase correction. , 2014, , .		0
427	Photonic switching of RF signals based on optical single sideband wavelength conversion in a semiconductor optical amplifier. , 2014, , .		0
428	Fiber-connected position localization sensor networks. , 2014, , .		0
429	Colorless optical remote antenna units for broadband wireless access networks. , 2014, , .		0
430	Microwave photonic signal processing based on polarization modulation. , 2014, , .		0
431	Flat optical frequency comb generation using a single polarization modulator and a Mach-Zehnder interferometer. , 2015, , .		0
432	Wideband microwave photonic analog RF interference cancellation. , 2015, , .		0

#	Article	IF	Citations
433	A Q-band radio-over-fiber system for the distribution of uncompressed high-definition video signal. , 2015, , .		0
434	Stable frequency dissemination via optical fiber based on passive phase fluctuation cancellation. , 2015, , .		0
435	A fiber-distributed multistatic ultra-wideband radar. , 2015, , .		0
436	Performance evaluation of RF beamforming based on a wideband antenna array and photonic true time delay. , 2015, , .		0
437	Photonic generation of binary differential phase-coded microwave signals. , 2015, , .		0
438	Reduction of signal distortion in SOA-based optical RF switches. , 2015, , .		0
439	A bandwidth-tunable flat-top optical filter based on a single reflective-type microring resonator. , 2015, , .		0
440	Chirped Microwave Waveform Generation Using an Unbalanced Sagnac Loop. , 2016, , .		0
441	Optical networking special issue based on selected IEEE ICOCN 2015 papers. Photonic Network Communications, 2016, 32, 266-268.	1.4	0
442	Ultrahigh-resolution optical vector analysis based on single-sideband modulation. , 2016, , .		0
443	Photonic generation of phase-coded microwave signals based on a micro-ring polarization rotator. , 2016, , .		0
444	Reflective-type ring resonators for flat-top optical filter and wideband true time delay line. , 2016, , .		0
445	Serial photonic digital-to-analog converter based on time and wavelength interleaving processing. , 2016, , .		0
446	Photonic microwave switching for satellite communication. , 2016, , .		0
447	High-speed and broadband optical transmission system special issue based on selected IEEE ICOCN 2015 papers. Photonic Network Communications, 2016, 32, 171-173.	1.4	0
448	Optical pulse generation by polarisation modulation and fibre dispersion. Electronics Letters, 2016, 52, 217-219.	0.5	0
449	Ultralow Noise Microwave Generation based on All-Fiber Michelson Interferometer and Sagnac Loop. , 2018, , .		0
450	Ultra-high resolution radar imaging based on microwave photonics. , 2018, , .		0

#	Article	IF	Citations
451	Polarization-division multiplexing based multi-function lidar system. , 2018, , .		0
452	High-Precision Optical Time Delay Measurement Based on Carrier-Suppressed Optical Double-Sideband Modulation. , 2019, , .		0
453	Improved Incoherent Back Projection Imaging based on Self-amplitude Weighting and Multiplicative Tomography Weighting. , 2019, , .		0
454	Broadband cognitive radio enabled by photonics. , 2019, , .		0
455	Dual-LFM Waveform Generation Based on Optical Injection to a Semiconductor Laser. , 2019, , .		0
456	Time Lens with Improved Aperture to Resolution Ratio Based on a Phase Modulator. , 2019, , .		0
457	Microwave Channelizer Based on Polarization Multiplexing and Photonic Image-Reject Mixing. , 2019, , .		0
458	Large-Scale 3D Baseline Measurement Based on Phase-Stabilized GNSS-Over-Fiber System. Journal of Lightwave Technology, 2021, 39, 6796-6804.	2.7	0
459	Deep-learning based noise-resistant broadband signal recovery for fiber-connected radar networks. , 2021, , .		0
460	All-Optical Wavelength Conversion Based on Semiconductor Optical Amplifier and Delay Interferometer. Guangxue Xuebao/Acta Optica Sinica, 2009, 29, 892-896.	0.2	0
461	Transient State of Wavelength Tuning in Mode-Locked Lasers with a Dispersive Cavity. , 2010, , .		0
462	Wideband Photonic Microwave Downconversion Based on an Optoelectronic Oscillator for Uncompressed HD Video Distribution. Guangzi Xuebao/Acta Photonica Sinica, 2012, 41, 1161-1166.	0.1	0
463	Stabilize the Coupled Optoelectronic Oscillator by an Unpumped Erbium-Doped Fiber. , 2012, , .		0
464	A High-Resolution Demodulation Scheme for FBG Sensors. , 2013, , .		0
465	A UWB over Fiber System based on a Tunable Single Passband Microwave Photonic Filter. , 2013, , .		0
466	An Optically Controlled Beamforming Network Using Phase Shifters based on Single Sideband Polarization Modulation. , 2013, , .		0
467	An Optically Controlled Beamforming Network Using Phase Shifters based on Single Sideband Polarization Modulation. , 2013, , .		0
468	Transmission of GNSS Signals over Bidirectional Fiber Link with Compact Remote Antenna Unit. , 2013, , .		0

#	Article	IF	Citations
469	Distribution of 1.5-Gbps HD Video using Beamforming-based Radio over Fiber System. , 2013, , .		0
470	On the Multi-signal Direct Modulation Characteristis of a Reconstruction-equivalent-chirp Distributed Feedback Laser Diode. Guangzi Xuebao/Acta Photonica Sinica, 2014, 43, 206006.	0.1	0
471	Phase Noise Measurement of Microwave Signal Sources based on Microwave Photonic Technologies. , 2015, , .		0
472	Two-bit Photonic Digital-to-Analog Conversion Unit based on Polarization Multiplexing. , 2015, , .		0
473	Characterization of Integrated Photonic Circuits with Ultrahigh Resolution Using Swept Optical Single Sideband Modulation (Invited). , 2015, , .		0
474	Tunable Flat-top Microwave Photonic Filter Based on a Single Microring Resonator. , 2017, , .		0
475	Editorial for focus issue on microwave photonics. Chinese Optics Letters, 2017, 15, 010001-10001.	1.3	0
476	Generation of Frequency-Tripled Binary Phase-Coded Microwave Signals Using a DP-QPSK Modulator. , 2017, , .		0
477	Laser Ranging of Frequency Scanning Interferometry System Based on Double-sideband Modulation. Guangzi Xuebao/Acta Photonica Sinica, 2017, 46, 612005.	0.1	0
478	Ultralow-Noise and Agile Microwave Synthesizer Based on a Femtosecond Mode-Locked Fiber Laser. , 2018, , .		0
479	Experimental Analysis of Multiple Beam Injection in SMFP-LD for Multi-RF Generation. , 2018, , .		0
480	Multi-octave image-reject mixer with large suppression of mixing spurs based on balanced photodetectors. , 2018, , .		0
481	Repetition-Rate Multiplication of Mode-locked Lasers Using Harmonic Injection Locking and Gain-Saturated SOA. , 2019, , .		0
482	Two-dimensional optical phased array with grating lobe suppression by element distribution and emitting amplitude optimization. , 2019, , .		0
483	Integratable microwave photonic phase shifter based on a tunable optical coupler. , 2019, , .		0
484	Microwave comb generation using single-mode Fabry-Perot laser diode. , 2019, , .		0
485	Demonstration of RF multiplier using an injection-locked laser with OEO. , 2019, , .		0
486	Analysis of red-shift in SMFP-LD with positive and negative wavelength detuning. , 2019, , .		0

#	Article	IF	Citations
487	RF signal generation, hopping and switching based on negative wavelength detuning in SMFP-LDs. , 2019, , .		0
488	Stable OFC generator based on cascaded phase modulators. , 2019, , .		0
489	A Frequency-Modulated Lidar System Based on an Optical Frequency Shifting Loop. , 2020, , .		0
490	A Multi-functional radar waveform generator based on an optical frequency shifting loop and an optical wavelength generator. , 2020, , .		0
491	Microwave Photonic Frequency Divider with Switchable Ratios enabled by an Opto-electronic Oscillator. , 2020, , .		0
492	Super-resolution FMCW laser ranging using two coherent LFM optical signals with different periods. , 2020, , .		0
493	Dual-Chirp Microwave Waveform Generation by a Dual-Beam Optically injected Semiconductor Laser. , 2020, , .		0
494	Optical fiber temperature and strain sensing system based on high accuracy time delay measurement. , 2020, , .		0
495	Two-stage XOR electro-optic directed logic gates based on a reflective-type microring resonator. , 2020, , .		0
496	Simultaneous distance and velocity measurement based on a bidirectional chirped fiber Bragg grating (CFBG). , 2020, , .		0
497	Large Dynamic and Precision Optical Vector Analysis Assisted by SBS Processing. Journal of Lightwave Technology, 2022, 40, 2435-2440.	2.7	0
498	Resonant Frequency Drifting of the Mach-Zehnder Interferometer Coupler Assisted Reflective-Type Microring Resonator. , 2020, , .		0
499	Back-propagation neural network assisted photonic real-time Fourier transformation system. , 2021, , .		0
500	Photonics-based reconfigurable chirp signal generation with controllable amplitude, phase, and frequency. , 2021, , .		0
501	Optical Transfer Delay Measurement Based on Stimulated Brillouin Scattering. , 2021, , .		0
502	A Photonics-Assisted RF self-interference Cancellation System with an Improved Signal to Noise Ratio. , 2021, , .		0
503	High-accuracy Small Target Recognition with Photonics-Based Radar HRRP. , 2021, , .		0
504	A hitless and gridless wavelength selective switch for versatile spectral shapings. , 2021, , .		0

#	Article	IF	Citations
505	Time Delay Measurement of Optical Fiber Link with Spatial Resolution. , 2021, , .		0
506	Speed-enhanced optical fiber transfer delay measurement based on digital phase detecting. , 2021, , .		0
507	Synchronization of two microwave oscillators based on an MLL-based microwave photonic phase detector. , 2021, , .		0
508	Human Motion Sensing based on a Microwave Photonic Doppler Radar and a Deep Neural Network. , 2021, , .		0
509	Integrated Forward-Propagating Add-Drop Filter based on Cladding-Modulated Multimode Long Period Grating. , 2021, , .		0
510	Wideband Optical Vector Analysis Based on Microwave Photonic Frequency Downconversion. IEEE Photonics Technology Letters, 2022, 34, 145-148.	1.3	0
511	Simulation investigation of coupled optoelectronic oscillator with high supermode suppression ratio. , 2022, , .		0