

# Bing Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

682  
citations

840776

11  
h-index

1058476

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Digitally Programmable Optical Frequency Combs With Binary Phase Distribution and Flat Envelope. IEEE Photonics Technology Letters, 2021, 33, 792-795.	2.5	0
2	High-Resolution Range and Velocity Measurement Based on Photonic LFM Microwave Signal Generation and Detection. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	21
3	A Multifunctional Photonic Integrated Circuit for Diverse Microwave Signal Generation, Transmission, and Processing. Laser and Photonics Reviews, 2019, 13, 1800240.	8.7	42
4	Microwave Photonics for Featured Applications in High-Speed Railways: Communications, Detection, and Sensing. Journal of Lightwave Technology, 2018, 36, 4337-4346.	4.6	78
5	Fast Tunable Photonic Single-Bandpass RF Filter With Multiple Arbitrary Switching Flat-Top Passbands. Journal of Lightwave Technology, 2018, 36, 4583-4590.	4.6	7
6	Photonic-Assisted Intrapulse Parameters Measurement of Complex Microwave Signals. Journal of Lightwave Technology, 2018, 36, 3633-3644.	4.6	9
7	Image-Free Microwave Photonic Down-Conversion Approach for Fiber-Optic Antenna Remoting. IEEE Journal of Quantum Electronics, 2017, 53, 1-8.	1.9	19
8	Wideband Microwave Doppler Frequency Shift Measurement and Direction Discrimination Using Photonic I/Q Detection. Journal of Lightwave Technology, 2016, 34, 4639-4645.	4.6	36
9	Photonics for microwave measurements. Laser and Photonics Reviews, 2016, 10, 711-734.	8.7	261
10	Single-passband microwave photonic filter with ultra-high out-of-band rejection ratio. , 2016, , .		0
11	Enhanced Doppler frequency shift measurement and direction discrimination using photonic i/Q detection. , 2015, , .		4
12	Investigation on electromagnetic environment of radio-over-fiber-based broadband wireless access scheme in aircraft cabin. Journal of Electromagnetic Waves and Applications, 2015, 29, 1767-1775.	1.6	2
13	Photonic Approach to Wide-Frequency-Range High-Resolution Microwave/Millimeter-Wave Doppler Frequency Shift Estimation. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1421-1430.	4.6	58
14	Wideband Doppler frequency shift measurement and direction ambiguity resolution using optical frequency shift and optical heterodyning. Optics Letters, 2015, 40, 2321.	3.3	48
15	Photonic approach to microwave frequency measurement under large-signal modulation. , 2015, , .		0
16	Investigation on Tunable Modulation Index in the Polarization-Modulator-Based Optoelectronic Oscillator. IEEE Journal of Quantum Electronics, 2014, 50, 68-73.	1.9	59
17	Photonic Frequency Measurement and Signal Separation for Pulsed/CW Microwave Signals. IEEE Photonics Technology Letters, 2013, 25, 500-503.	2.5	21
18	High-Spectral-Efficiency Photonic Frequency Down-Conversion Using Optical Frequency Comb and SSB Modulation. IEEE Photonics Journal, 2013, 5, 7200307-7200307.	2.0	17