

# Bing Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9014248/publications.pdf>

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	Photonics for microwave measurements. Laser and Photonics Reviews, 2016, 10, 711-734.	8.7	261
2	Microwave Photonics for Featured Applications in High-Speed Railways: Communications, Detection, and Sensing. Journal of Lightwave Technology, 2018, 36, 4337-4346.	4.6	78
3	Investigation on Tunable Modulation Index in the Polarization-Modulator-Based Optoelectronic Oscillator. IEEE Journal of Quantum Electronics, 2014, 50, 68-73.	1.9	59
4	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
5	Wideband Doppler frequency shift measurement and direction ambiguity resolution using optical frequency shift and optical heterodyning. Optics Letters, 2015, 40, 2321.	3.3	48
6	A Multifunctional Photonic Integrated Circuit for Diverse Microwave Signal Generation, Transmission, and Processing. Laser and Photonics Reviews, 2019, 13, 1800240.	8.7	42
7	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
8	Photonic Frequency Measurement and Signal Separation for Pulsed/CW Microwave Signals. IEEE Photonics Technology Letters, 2013, 25, 500-503.	2.5	21
9	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
10	Image-Free Microwave Photonic Down-Conversion Approach for Fiber-Optic Antenna Remoting. IEEE Journal of Quantum Electronics, 2017, 53, 1-8.	1.9	19
11	High-Spectral-Efficiency Photonic Frequency Down-Conversion Using Optical Frequency Comb and SSB Modulation. IEEE Photonics Journal, 2013, 5, 7200307-7200307.	2.0	17
12	Photonic-Assisted Intrapulse Parameters Measurement of Complex Microwave Signals. Journal of Lightwave Technology, 2018, 36, 3633-3644.	4.6	9
13	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
14	Enhanced Doppler frequency shift measurement and direction discrimination using photonic i/Q detection. , 2015, , .		4
15	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
16	Photonic approach to microwave frequency measurement under large-signal modulation. , 2015, , .		0
17	Digitally Programmable Optical Frequency Combs With Binary Phase Distribution and Flat Envelope. IEEE Photonics Technology Letters, 2021, 33, 792-795.	2.5	0
18	Single-passband microwave photonic filter with ultra-high out-of-band rejection ratio. , 2016, , .		0