

# Katarzyna Balakier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/913511/publications.pdf>

Version: 2024-02-01

15  
papers

185  
citations

1684188

5  
h-index

2053705

5  
g-index

15  
all docs

15  
docs citations

15  
times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Semiconductor Laser Optical Phase Lock Loops. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-12.	2.9	53
2	Optical injection locking of monolithically integrated photonic source for generation of high purity signals above 100 GHz. Optics Express, 2014, 22, 29404.	3.4	50
3	Monolithically Integrated Optical Phase Lock Loop for Microwave Photonics. Journal of Lightwave Technology, 2014, 32, 3893-3900.	4.6	44
4	Optical Frequency Tuning for Coherent THz Wireless Signals. Journal of Lightwave Technology, 2018, 36, 4664-4670.	4.6	13
5	Optical Phase Lock Loop as High-Quality Tuneable Filter for Optical Frequency Comb Line Selection. Journal of Lightwave Technology, 2018, 36, 4646-4654.	4.6	9
6	Multichannel 200GHz 40Gb/s wireless communication system using photonic signal generation. , 2014, , .		4
7	Coherent frequency tuneable thz wireless signal generation using an optical phase lock loop system. , 2017, , .		3
8	Optical demodulation of THz signals. , 2013, , .		2
9	Microwave Photonics: Present Status and Future Outlook (Plenary Paper). , 2015, , .		2
10	60 GHz Wireless Link Implementing an Electronic Mixer Driven by a Photonically Integrated Uni-Traveling Carrier Photodiode at the Receiver. , 2018, , .		2
11	Demonstration of photonic integrated RAU for millimetre-wave gigabit wireless transmissio. , 2016, , .		2
12	1 Gbaud QPSK wireless receiver using an opto-electronic mixer. , 2017, , .		1
13	Photonic integration for millimetre-wave and THz systems. , 2014, , .		0
14	THz Over Fibre for High Capacity Wireless Transmission: Tutorial Paper. , 2018, , .		0
15	Photonic systems for tunable mm-wave and THz wireless communications. , 2019, , .		0