

Katarzyna Balakier

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

185
citations

1684188

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2053705

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g-index

15
all docs

15
docs citations

15
times ranked

204
citing authors

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