

Christian J Long

List of Publications by Year in descending order

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14
papers

145
citations

1684188

5
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Collector Series-Resistor to Stabilize a Broadband 400 GHz Common-Base Amplifier. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 63-69.	3.1	5
2	Quantifying Receiver Nonlinearities in VNA Measurements for the WR-15 Waveguide Band. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2743-2749.	4.6	2
3	Broadband, High-Frequency Permittivity Characterization for Epitaxial $\text{BaO}_3\text{M}_2\text{O}_x$ Composition-Spread Thin Films. Physical Review Applied, 2021, 15, .	4.6	2
4	High-Gain 500-GHz InP HBT Power Amplifiers. , 2021, , .		2
5	Targeted chemical pressure yields tuneable millimetre-wave dielectric. Nature Materials, 2020, 19, 176-181.	27.5	27
6	Optimal Series Resistors for On-Wafer Calibrations. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 196-210.	4.6	5
7	Microwave Measurements for Conductive Anisotropic Materials. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4913-4924.	4.6	2
8	Materials Characterization With Multiple Offset Reflects at Frequencies to 110 GHz. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 184-195.	4.6	5
9	Measurement of Ion-Pairing Interactions in Buffer Solutions With Microwave Microfluidics. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2019, 3, 184-190.	3.4	4
10	Label-free detection of conformational changes in switchable DNA nanostructures with microwave microfluidics. Nature Communications, 2019, 10, 1174.	12.8	33
11	A Multistate Single-Connection Calibration for Microwave Microfluidics. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 1099-1107.	4.6	24
12	Measuring Ion-Pairing in Buffer Solutions with Microwave Microfluidics. , 2018, , .		2
13	Modeling electrical double-layer effects for microfluidic impedance spectroscopy from 100 kHz to 110 GHz. Lab on A Chip, 2017, 17, 2674-2681.	6.0	24
14	How to extract distributed circuit parameters from the scattering parameters of a transmission line. , 2017, , .		3