

# Christian J Long

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4754588/publications.pdf>

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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	Label-free detection of conformational changes in switchable DNA nanostructures with microwave microfluidics. Nature Communications, 2019, 10, 1174.	12.8	33
2	Targeted chemical pressure yields tuneable millimetre-wave dielectric. Nature Materials, 2020, 19, 176-181.	27.5	27
3	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
4	A Multistate Single-Connection Calibration for Microwave Microfluidics. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 1099-1107.	4.6	24
5	Optimal Series Resistors for On-Wafer Calibrations. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 196-210.	4.6	5
6	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
7	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
8	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
9	How to extract distributed circuit parameters from the scattering parameters of a transmission line. , 2017, , .		3
10	Measuring Ion-Pairing in Buffer Solutions with Microwave Microfluidics. , 2018, , .		2
11	Microwave Measurements for Conductive Anisotropic Materials. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4913-4924.	4.6	2
12	Broadband, High-Frequency Permittivity Characterization for Epitaxial $\text{BaO}_{1-x}\text{Sr}_x$ Composition-Spread Thin Films. Physical Review Applied, 2021, 15, .	3.8	2
13	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
14	High-Gain 500-GHz InP HBT Power Amplifiers. , 2021, , .		2