

Chuang

List of Publications by Year in descending order

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13
papers

67
citations

1684188
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citing authors

#	ARTICLE	IF	CITATIONS
1	A Noniterative and Efficient Technique to Extract Complex Permittivity of Low-Loss Dielectric Materials at Terahertz Frequencies. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 1971-1975.	4.0	18
2	Direct Extraction of Complex Permittivity and Permeability of Materials on a Known-Substrate From Transmission/Reflection Measurements. <i>IEEE Microwave and Wireless Components Letters</i> , 2019, 29, 693-695.	3.2	13
3	Determination of Complex Permittivity of Low-Loss Materials From Reference-Plane Invariant Transmission/Reflection Measurements. <i>IEEE Access</i> , 2019, 7, 131865-131872.	4.2	11
4	Multi-Step-Ahead Prediction for a CMOS Low Noise Amplifier Aging Due to NBTI and HCI Using Neural Networks. <i>Journal of Electronic Testing: Theory and Applications (JETTA)</i> , 2019, 35, 797-808.	1.2	10
5	Extraction of Stable Complex Permittivity and Permeability of Low-Loss Materials From Transmission/Reflection Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-8.	4.7	6
6	A Position-Independent Reflection-Only Method for Complex Permittivity and Permeability Determination with One Sample. <i>Frequenz</i> , 2020, 74, 163-167.	0.9	3
7	Non-Iterative Method for Extracting Complex Permittivity and Thickness of Materials From Reflection-Only Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-8.	4.7	3
8	Determination of unique and stable complex permittivity of granular materials from transmission and reflection measurements. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 753-757.	1.4	1
9	Estimation methods to extract complex permittivity from transmission coefficient in the terahertz band. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	1
10	An improved technique for low-loss material complex permittivity and permeability determination from transmission-only measurements. <i>Frequenz</i> , 2020, 74, 435-439.	0.9	1
11	Comments on "Complex Dielectric Measurements of Forest Fire Ash at X-Band Frequencies" [Sep 11 859-863]. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020, 17, 549-549.	3.1	0
12	Erratum to "Extraction of Stable Complex Permittivity and Permeability of Low-Loss Materials From Transmission/Reflection Measurements". <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-1.	4.7	0
13	Measurement of the dielectric properties of various monoolein/ water mesophases between 90 and 140 GHz. <i>Materialprüfung/Materials Testing</i> , 2020, 62, 1118-1120.	2.2	0