

Dazhen Gu

List of Publications by Year in descending order

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16
papers

100
citations

1478505

6
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic Design and Performance of a Conical Microwave Blackbody Target for Radiometer Calibration. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4586-4596.	6.3	19
2	Brightness Temperature Calculation and Uncertainty Propagation for Conical Microwave Blackbody Targets. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 7246-7256.	6.3	13
3	Extraction of Illumination Efficiency by Solely Radiometric Measurements for Improved Brightness-Temperature Characterization of Microwave Blackbody Target. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4575-4583.	6.3	11
4	Application of Coherence Theory to Modeling of Blackbody Radiation at Close Range. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1475-1488.	4.6	10
5	A Measurement Technique for Infrared Emissivity of Epoxy-Based Microwave Absorbing Materials. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 48-52.	3.1	8
6	The Effect of Noise on Reverberation-Chamber Measurements of Antenna Efficiency. IEEE Transactions on Antennas and Propagation, 2021, 69, 8744-8752.	5.1	7
7	Measurement and uncertainty analysis of a cryogenic low-noise amplifier with noise temperature below 2%K. Radio Science, 2013, 48, 344-351.	1.6	6
8	Influence of Noise on Scattering-Parameter Measurements. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4925-4939.	4.6	6
9	Realization of a standard radiometer for microwave brightness-temperature measurements traceable to fundamental noise standards. , 2012, , .		4
10	Efficient Rectangular Waveguide-to-Stripline Transition in S -Band. IEEE Microwave and Wireless Components Letters, 2017, 27, 688-690.	3.2	4
11	A verification method for noise-temperature measurements on cryogenic low-noise amplifiers. , 2012, , .		3
12	NIST-Traceable Microwave Power Measurement in a Waveguide Calorimeter With Correlated Uncertainties. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2280-2287.	4.7	3
13	An investigation of antenna characterization techniques in microwave remote sensing calibration. , 2012, , .		2
14	Blind Measurement of Receiver System Noise. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2435-2453.	4.6	2
15	Noise Synthesis Technique in Time Domain for Metrology Application. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2288-2294.	4.7	1
16	On The Quotient of a Centralized and a Non-centralized Complex Gaussian Random Variable. Journal of Research of the National Institute of Standards and Technology, 2020, 125, .	1.2	1