

Thomas Y Wu

List of Publications by Year in descending order

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28
papers

170
citations

1684188

5
h-index

1372567

10
g-index

28
all docs

28
docs citations

28
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Wide-angle radar imaging using time-frequency distributions. IET Radar, Sonar & Navigation, 2003, 150, 203.	2.1	30
2	<title>Multistatic synthetic aperture imaging of aircraft using reflected television signals</title>. , 2001, 4382, 1.		21
3	Calibration of optical particle size spectrometers against a primary standard: Counting efficiency profile of the TSI Model 3330 OPS and Grimm 11-D monitor in the particle size range from 300Ånm to 10Å1¼4m. Journal of Aerosol Science, 2021, 157, 105818.	3.8	19
4	Uncertainty analysis for a phase-detector based phase noise measurement system. Measurement: Journal of the International Measurement Confederation, 2016, 85, 118-123.	5.0	15
5	Time delay estimation of non-Gaussian signal in unknown Gaussian noises using third-order cumulants. Electronics Letters, 2002, 38, 930.	1.0	8
6	Accurate measurement of millimeter-wave attenuation from 75GHz to 110GHz using a dual-channel heterodyne receiver. Measurement: Journal of the International Measurement Confederation, 2012, 45, 1105-1110.	5.0	8
7	Broadband microwave attenuation measurement standard in the frequency range from 10 MHz to 26.5 GHz. , 2009, , .		7
8	Wide-angle ISAR passive imaging using smoothed pseudo Wigner-Ville distribution. , 2001, , .		6
9	Comparison of a single channel and a dual channel microwave attenuation measurement system. , 2008, , .		5
10	The accurate measurement of microwave phase-shift using a dual-channel heterodyne system. , 2009, , .		5
11	Accurate measurement of millimetre-wave phase-shift from 220 to 325Å€...GHz using dual-channel system. Electronics Letters, 2012, 48, 31.	1.0	5
12	LNG mass flowrate measurement using Coriolis flowmeters: Analysis of the measurement uncertainties. Measurement: Journal of the International Measurement Confederation, 2021, 177, 109258.	5.0	5
13	A bilateral comparison of particle number concentration standards via calibration of an optical particle counter for number concentration up to Å¼1000ÅcmÅ³. Measurement: Journal of the International Measurement Confederation, 2022, 189, 110446.	5.0	5
14	Multistatic passive radar imaging using the smoothed pseudo Wigner-Ville distribution. , 0, , .		4
15	Direct comparison transfer microwave power sensor calibration system. , 2008, , .		4
16	High dynamic range terahertz-wave transmission loss measurement at 330Å€500 GHz. Measurement Science and Technology, 2012, 23, 085904.	2.6	4
17	Noise floor and dynamic range analysis of a microwave attenuation measurement receiver from 50MHz to 26.5GHz. Measurement: Journal of the International Measurement Confederation, 2011, 44, 1516-1525.	5.0	3
18	Accurate measurement of microwave phase-shift from 2 to 18Å€...GHz using heterodyne receiver. Electronics Letters, 2011, 47, 802-804.	1.0	3

#	ARTICLE	IF	CITATIONS
19	High dynamic range 140–220 GHz radiometer using dual-channel superheterodyne receivers. Electronics Letters, 2011, 47, 1083.	1.0	3
20	Time delay estimation using higher-order statistics: a set of new results. , 0, , .		2
21	Evaluation of mismatch uncertainty in microwave power sensor calibration using Monte-Carlo method. , 2009, , .		2
22	Analysis of phase noise effect on microwave attenuation precision measurement using a heterodyne receiver. , 2010, , .		2
23	Final report on APMP attenuation key comparison APMP.EM.RF-K19.CL: Attenuation at 60 MHz and 5 GHz using a Type N step attenuator. Metrologia, 2010, 47, 01015-01015.	1.2	1
24	Error analysis and uncertainty estimation for a millimeter-wave phase-shift measurement system at 325 GHz. Measurement: Journal of the International Measurement Confederation, 2015, 59, 198-204.	5.0	1
25	Investigation of measurement uncertainties in LNG density and energy for custody transfer. Measurement Science and Technology, 2021, 32, 045005.	2.6	1
26	LNG mass flow measurement uncertainty reduction using calculated Young's modulus and Poisson's ratio for Coriolis flowmeters. Measurement: Journal of the International Measurement Confederation, 2022, 188, 110413.	5.0	1
27	Time delay estimation in unknown spatially uncorrelated Gaussian noises using higher-order statistics. , 1999, , .		0
28	NMIJ bilateral comparison of millimeter-wave attenuation in WR-15 waveguide band at 50 GHz and 54 GHz. Measurement: Journal of the International Measurement Confederation, 2016, 82, 155-160.	5.0	0