Thomas Y Wu

List of Publications by Year
in descending order

28	170	1684188 5	1372567 10
papers	citations	h-index	g-index

28	28	28	91
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LNG mass flow measurement uncertainty reduction using calculated Youngâ€™s modulus and Poissonâ€™s ratio for Coriolis flowmeters. Measurement: Journal of the International Measurement Confederation, 2022, 188, 110413.	5.0	1
2	A bilateral comparison of particle number concentration standards via calibration of an optical particle counter for number concentration up to â^¼1000Âcmâ^'3. Measurement: Journal of the International Measurement Confederation, 2022, 189, 110446.	5.0	5
3	Investigation of measurement uncertainties in LNG density and energy for custody transfer. Measurement Science and Technology, 2021, 32, 045005.	2.6	1
4	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
5	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 300Ânm to 10ÂÎ¼m. Journal of Aerosol Science, 2021, 157, 105818.	3.8	19
6	NMCâ€“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
7	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
8	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
9	Accurate measurement of millimetre-wave phase-shift from 220 to 325â€…GHz using dual-channel system. Electronics Letters, 2012, 48, 31.	1.0	5
10	High dynamic range terahertz-wave transmission loss measurement at 330â€“500 GHz. Measurement Science and Technology, 2012, 23, 085904.	2.6	4
11	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
12	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
13	Accurate measurement of microwave phase-shift from 2 to 18â€…GHz using heterodyne receiver. Electronics Letters, 2011, 47, 802-804.	1.0	3
14	High dynamic range 140â€“220â€…GHz radiometer using dual-channel superheterodyne receivers. Electronics Letters, 2011, 47, 1083.	1.0	3
15	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
16	Analysis of phase noise effect on microwave attenuation precision measurement using a heterodyne receiver. , 2010, , .		2
17	Broadband microwave attenuation measurement standard in the frequency range from 10 MHz to 26.5 GHz. , 2009, , .		7
18	The accurate measurement of microwave phase-shift using a dual-channel heterodyne system. , 2009, , .		5

#	Article	IF	Citations
19	Evaluation of mismatch uncertainty in microwave power sensor calibration using Monte-Carlo method. , 2009, , .		2
20	Comparison of a single channel and a dual channel microwave attenuation measurement system. , 2008, , .		5
21	Direct comparison transfer microwave power sensor calibration system. , 2008, , .		4
22	Wide-angle radar imaging using timeâ€“frequency distributions. IET Radar, Sonar & Navigation, 2003, 150, 203.	2.1	30
23	Time delay estimation of non-Gaussian signal in unknown Gaussian noises using third-order cumulants. Electronics Letters, 2002, 38, 930.	1.0	8
24	Wide-angle ISAR passive imaging using smoothed pseudo Wigner-Ville distribution. , 2001, , .		6
25	<title>Multistatic synthetic aperture imaging of aircraft using reflected television signals</title>. , 2001, 4382, 1.		21
26	Time delay estimation in unknown spatially uncorrelated Gaussian noises using higher-order statistics. , 1999, , .		0
27	Time delay estimation using higher-order statistics: a set of new results. , 0, , .		2
28	Multistatic passive radar imaging using the smoothed pseudo Wigner-Ville distribution. , 0, , .		4