

Paul S Wright

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Wavelet-Based Sparse Representation of Waveforms for Type-Testing of Static Electricity Meters. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	2
2	A Digital Heterodyne 2- To 150-kHz Measurement Method Based on Multiresolution Analysis. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	8
3	Comparison of Measurement Methods for 2â€™150-kHz Conducted Emissions in Power Networks. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	32
4	Energy Metering Integrated Circuit Behavior beyond Standards Requirements. Energies, 2021, 14, 390.	3.1	5
5	Validating an Isolator to eliminate grounding issues for high-resolution digitizer measurements. IEEE Transactions on Instrumentation and Measurement, 2021, , 1-1.	4.7	1
6	Specification of New Test Waveforms for Static Electricity Meters. , 2020, , .		1
7	Reliable Rate-of-Change-of-Frequency Measurements: Use Cases and Test Conditions. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6657-6666.	4.7	14
8	Analysis and selection of appropriate components for power system metrology instruments. , 2019, , .		2
9	Field Measurement of Frequency and ROCOF in the Presence of Phase Steps. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1688-1695.	4.7	35
10	Requirements and Test Conditions for Reliable Rate-of-Change-of-Frequency Measurements. , 2019, , .		2
11	Detection Methods for Current Signals Causing Errors in Static Electricity Meters. , 2019, , .		5
12	Measurement of Grid Impedance at Harmonic Frequencies. , 2018, , .		2
13	Field Testing of ROCOF Algorithms in Multiple Locations on Bornholm Island. , 2018, , .		3
14	Estimation of the Location of Sources and Sinks of Harmonic Power Using Low Voltage Phasor Measurements in Distribution Grids. , 2018, , .		0
15	Smart grid measurement uncertainty: Definitional and influence quantity considerations. , 2018, , .		2
16	An Electronic Load to Verify Harmonic Emission Compliance. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1446-1453.	4.7	1
17	A Novel Approach to Noninvasive Measurement of Overhead Line Impedance Parameters. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1155-1163.	4.7	29
18	Multiple-Site Amplitude and Phase Measurements of Harmonics for Analysis of Harmonic Propagation on Bornholm Island. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1176-1183.	4.7	17

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19	An electronic load to verify harmonic emission compliance. , 2016, , .		1
20	Power quality propagation measurements in smart grids. , 2016, , .		3
21	Smart grid power quality and stability measurements in Europe. , 2016, , .		2
22	A Method for Accurate Transmission Line Impedance Parameter Estimation. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2204-2213.	4.7	97
23	Measurement Infrastructure to Support the Reliable Operation of Smart Electrical Grids. IEEE Transactions on Instrumentation and Measurement, 2015, , 1-1.	4.7	38
24	Improving the accuracy of synchrophasor-based overhead line impedance measurement. , 2015, , .		5
25	Smart grid metrology to support reliable electricity supply. , 2014, , .		3
26	Onsite Measurements for Power-Quality Estimation at the Swedenâ€Poland HVDC Link. IEEE Transactions on Power Delivery, 2014, 29, 472-479.	4.3	4
27	Realization of a smart grid metrology infrastructure in Europe. , 2012, , .		5
28	Measurement infrastructure for observing and controlling Smart Electrical Grids. , 2012, , .		5
29	The role of accurate measurements within smartgrids. , 2011, , .		8
30	Characterization of Metrological Grade Analog-to-Digital Converters Using a Programmable Josephson Voltage Standard. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 2172-2177.	4.7	54
31	Power Source Impedance Measurement System for Testing Compliance With IEC 61000-3-3. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 2320-2326.	4.7	1
32	Comparison of Asynchronous Sampling Correction Algorithms for Frequency Estimation of Signals of Poor Power Quality. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 2235-2241.	4.7	8
33	Evaluation of Flicker Measurement Uncertainties by a Monte Carlo Method. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 2255-2261.	4.7	10
34	Development of an Ethernet-Enabled Digitizer for On-Site AC Measurements. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 2229-2234.	4.7	12
35	Power source impedance measurement system for testing compliance to IEC 61000-3-3. , 2010, , .		2
36	Evaluation of flicker measurement uncertainties by a Monte Carlo method. , 2010, , .		1

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37	Comparison of asynchronous sampling correction algorithms for power quality measurements under realistic conditions. , 2010, , .		4
38	Traceability and Verification of Interharmonic Generators in Support of Low-Frequency Immunity Testing (IEC61000-4-13). IEEE Transactions on Instrumentation and Measurement, 2009, 58, 1059-1064.	4.7	1
39	The Calibration of IEC Standard Flickermeters Using Complex Modulated Signals. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 1017-1022.	4.7	8
40	Exercising the Dynamic Range of Active Power Meters Under Nonsinusoidal Conditions. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 369-372.	4.7	9
41	Accurate Spectral Analysis of Repetitive Signals Composed of Components Nonsynchronous With the Sampling Clock. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 655-659.	4.7	2