

Jari Hällström

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

225
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1307594

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1199594

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18
all docs

18
docs citations

18
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-area low-noise seven-channel dc SQUID magnetometer for brain research. Review of Scientific Instruments, 1987, 58, 2145-2156.	1.3	109
2	Performance of a Wideband 200-kV HVDC Reference Divider Module. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2264-2270.	4.7	17
3	Performance of a Modular Wideband HVDC Reference Divider for Voltages up to 1000 kV. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1390-1397.	4.7	17
4	A Low-Noise Seven-Channel DC SQUID Magnetometer for Brain Research. Japanese Journal of Applied Physics, 1987, 26, 1555.	1.5	15
5	Optimization of field grading for a 1000 kV wide-band voltage divider. Journal of Electrostatics, 2015, 73, 140-150.	1.9	10
6	Traceability and Characterization of a 1000 kV HVDC Reference Divider. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1709-1715.	4.7	8
7	A reference merging unit and calibration setup for sampled values over Ethernet. , 2016, , .		8
8	Optimizing Temperature Coefficient and Frequency Response of Rogowski Coils. IEEE Sensors Journal, 2017, 17, 6646-6652.	4.7	8
9	Construction and Performance Evaluation of Calibration System for Low Voltage Impulse. IEEE Transactions on Power and Energy, 2007, 127, 261-266.	0.2	7
10	A Modular USB 2.0 digitizer for electrical power measurements. , 2014, , .		5
11	Tail-Chopped Lightning Impulses Time Parameters Estimated According to Standard IEC 60060-1:2010. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1369-1372.	4.7	5
12	An improved method for switching-impulse evaluation. , 2012, , .		4
13	Application of Charge-Sensitive Preamplifier for the Calibration of Partial Discharge Calibrators Below 1 pC. , 2018, , .		4
14	Application of Charge-Sensitive Preamplifier for the Calibration of Partial Discharge Calibrators Below 1 pC. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2034-2040.	4.7	4
15	Reference Switching Impulse Voltage Measuring System Based on Correcting the Voltage Divider Response With Software. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	2
16	Demonstration of 50-Hz electrical active power measurement using a micromechanical magnetometer. , 2012, , .		1
17	Supplementary comparison EURAMET.EM-S42, comparison of lightning impulse (LI) reference measuring systems. Metrologia, 2020, 58, 01001.	1.2	1
18	A three-phase calibration and field measurement setup based on a custom digitizer. , 2016, , .		0