Antonio Delle Femine

List of Publications by Year
in descending order

25	392	840776 11	1058476 14
papers	citations	h-index	g-index

25	25	25	246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A New Approach to Measure the Energy On-Board Train During Braking. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	0
2	Easy-to-implement measurement method for the energy dissipated on board train with uncertainty estimation. Measurement: Journal of the International Measurement Confederation, 2022, 198, 111401.	5.0	0
3	Detection of Dips, Swells and Interruptions in DC Power Network. , 2022, , .		1
4	Design of a Stationary Energy Recovery System in Rail Transport. Energies, 2021, 14, 2560.	3.1	16
5	Measurement of Synchrophasors with Stand Alone Merging Units: a Preliminary Study. , 2021, , .		8
6	A Laboratory for Testing E-mobility Power Electronics. , 2021, , .		1
7	Uncertainty evaluation on the absolute phase error of digitizers. Transactions of the Institute of Measurement and Control, 2020, 42, 749-758.	1.7	3
8	Dataset of measured and commented pantograph electric arcs in DC railways. Data in Brief, 2020, 31, 105978.	1.0	10
9	The Role of Supply Conditions on the Measurement of High-Frequency Emissions. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6667-6676.	4.7	13
10	Power Quality Assessment in Railway Traction Supply Systems. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2355-2366.	4.7	38
11	How Pantograph Electric Arcs affect Energy Efficiency in DC Railway Vehicles. , 2020, , .		4
12	Measurement of the Absolute Phase Error of Digitizers. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1724-1731.	4.7	16
13	The Design of a Low Cost Phasor Measurement Unit. Energies, 2019, 12, 2648.	3.1	11
14	Calibration of Voltage and Current Transducers for DC Railway Systems. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3850-3860.	4.7	6
15	Low Power Contactless Voltage Sensor for Low Voltage Power Systems. Sensors, 2019, 19, 3513.	3.8	19
16	Compensation of Current Transformersâ€™ Nonlinearities by Tensor Linearization. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3841-3849.	4.7	35
17	Pantograph-to-OHL Arc: Conducted Effects in DC Railway Supply System. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3861-3870.	4.7	31
18	Assessment of the High Frequency Emissions of Low-Voltage Electronic Equipment Under Different Supply Conditions. , 2019, , .		1

#	Article	IF	Citations
19	Compensation of Nonlinearity of Voltage and Current Instrument Transformers. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1322-1332.	4.7	64
20	Thermographic and electrical characterization of a photovoltaic panel under partial shading conditions: a case study. Acta IMEKO (2012), 2019, 8, 93.	0.7	0
21	Advanced Instrument For Field Calibration of Electrical Energy Meters. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 618-625.	4.7	46
22	Power-Quality Monitoring Instrument With FPGA Transducer Compensation. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3149-3158.	4.7	49
23	Performance Analysis of Power Quality Monitoring Instruments. , 2008, , .		11
24	A technique for real-time correction of measurement instrument transducers frequency responses. , 2008, , .		5
25	Low Cost Portable Measurement Equipment for Power Quality Indexes Monitoring. , 2008, , .		4