

# Antonio Delle Femine

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3594515/publications.pdf>

Version: 2024-02-01

25  
papers

392  
citations

840776

11  
h-index

1058476

14  
g-index

25  
all docs

25  
docs citations

25  
times ranked

246  
citing authors

| #  | ARTICLE                                                                                                                                                    | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Compensation of Nonlinearity of Voltage and Current Instrument Transformers. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1322-1332.    | 4.7 | 64        |
| 2  | Power-Quality Monitoring Instrument With FPGA Transducer Compensation. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3149-3158.          | 4.7 | 49        |
| 3  | Advanced Instrument For Field Calibration of Electrical Energy Meters. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 618-625.            | 4.7 | 46        |
| 4  | Power Quality Assessment in Railway Traction Supply Systems. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2355-2366.                    | 4.7 | 38        |
| 5  | Compensation of Current Transformersâ€™ Nonlinearities by Tensor Linearization. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3841-3849. | 4.7 | 35        |
| 6  | Pantograph-to-OHL Arc: Conducted Effects in DC Railway Supply System. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3861-3870.           | 4.7 | 31        |
| 7  | Low Power Contactless Voltage Sensor for Low Voltage Power Systems. Sensors, 2019, 19, 3513.                                                               | 3.8 | 19        |
| 8  | Measurement of the Absolute Phase Error of Digitizers. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1724-1731.                          | 4.7 | 16        |
| 9  | Design of a Stationary Energy Recovery System in Rail Transport. Energies, 2021, 14, 2560.                                                                 | 3.1 | 16        |
| 10 | 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        |
| 11 | Performance Analysis of Power Quality Monitoring Instruments. , 2008, , .                                                                                  |     | 11        |
| 12 | The Design of a Low Cost Phasor Measurement Unit. Energies, 2019, 12, 2648.                                                                                | 3.1 | 11        |
| 13 | Dataset of measured and commented pantograph electric arcs in DC railways. Data in Brief, 2020, 31, 105978.                                                | 1.0 | 10        |
| 14 | Measurement of Synchrophasors with Stand Alone Merging Units: a Preliminary Study. , 2021, , .                                                             |     | 8         |
| 15 | Calibration of Voltage and Current Transducers for DC Railway Systems. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3850-3860.          | 4.7 | 6         |
| 16 | A technique for real-time correction of measurement instrument transducers frequency responses. , 2008, , .                                                |     | 5         |
| 17 | Low Cost Portable Measurement Equipment for Power Quality Indexes Monitoring. , 2008, , .                                                                  |     | 4         |
| 18 | How Pantograph Electric Arcs affect Energy Efficiency in DC Railway Vehicles. , 2020, , .                                                                  |     | 4         |

| #  | ARTICLE                                                                                                                                                                                            | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Uncertainty evaluation on the absolute phase error of digitizers. Transactions of the Institute of Measurement and Control, 2020, 42, 749-758.                                                     | 1.7 | 3         |
| 20 | Assessment of the High Frequency Emissions of Low-Voltage Electronic Equipment Under Different Supply Conditions. , 2019, , .                                                                      |     | 1         |
| 21 | A Laboratory for Testing E-mobility Power Electronics. , 2021, , .                                                                                                                                 |     | 1         |
| 22 | Detection of Dips, Swells and Interruptions in DC Power Network. , 2022, , .                                                                                                                       |     | 1         |
| 23 | Thermographic and electrical characterization of a photovoltaic panel under partial shading conditions: a case study. Acta IMEKO (2012), 2019, 8, 93.                                              | 0.7 | 0         |
| 24 | 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         |
| 25 | 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         |