

## POZZOBON PAOLO

### Overview

? Unit: ELE  
? Role: Professore associato  
? Grade: Prof.Associato DPR 232/11 art.2 - t.pieno - cl. 4  
? SSD: IIND-08/A (Convertitori, macchine e azionamenti elettrici)  
? Scopus ID: 6601994662  
? Unige Id: 053901  
? Retrieved at: 2025-11-14T15:15:08.561458

### Contact

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? Phone: +39 010 33 52181  
? Page: <https://rubrica.unige.it/personale/VUZEUlp>  
? Locations: Opera Pia - padiglione D (ED161450401), 1° piano, US161450401.I.012

### Career

? Pa, 2012-05-01 ? 2222-02-02

### Teaching

#### 2025

? Elettronica Di Potenza Per L'Energia E La Mobilit^ (112259), L-9 - Ingegneria Elettrica  
? Laboratorio Software E Hardware Per I Sistemi Elettronici Di Potenza (101447), Lm-28 - Ingegneria Elettrica

#### 2024

? Elettronica Di Potenza E Azionamenti Elettrici (84373), L-9 - Ingegneria Elettrica  
? Laboratorio Software E Hardware Per I Sistemi Elettronici Di Potenza (101447), Lm-28 - Ingegneria Elettrica

#### 2023

? Elettronica Di Potenza E Azionamenti Elettrici (84373), L-9 - Ingegneria Elettrica  
? Laboratorio Software E Hardware Per I Sistemi Elettronici Di Potenza (101447), Lm-28 - Ingegneria Elettrica

#### 2022

? Elettronica Di Potenza E Azionamenti Elettrici (84373), L-9 - Ingegneria Elettrica  
? Laboratorio Software E Hardware Per I Sistemi Elettronici Di Potenza (101447), Lm-28 - Ingegneria Elettrica

#### 2021

? Elettronica Di Potenza E Azionamenti Elettrici (84373), L-9 - Ingegneria Elettrica  
? Laboratorio Software E Hardware Per I Sistemi Elettronici Di Potenza (101447), Lm-28 - Ingegneria Elettrica  
? Azionamenti Elettrici (72307), L-9 - Ingegneria Meccanica

#### 2020

? Elettronica Di Potenza E Azionamenti Elettrici (84373), L-9 - Ingegneria Elettrica  
? Laboratorio Software E Hardware Per I Sistemi Elettronici Di Potenza (101447), Lm-28 - Ingegneria Elettrica  
? Azionamenti Elettrici (72307), L-9 - Ingegneria Meccanica

### Scopus Metrics

? absolute; Docs: 45; Journals: 19; Conferences: 25; Citations: 782; H-index: 15  
? 15 years (2010-2025); Docs: 3; Journals: 3; Conferences: 0; Citations: 9; H-index: 2  
? 10 years (2015-2025); Docs: 3; Journals: 3; Conferences: 0; Citations: 9; H-index: 2  
? 05 years (2020-2025); Docs: 3; Journals: 3; Conferences: 0; Citations: 9; H-index: 2

## Scopus Products

1.

? Title: Synchronous DTC for torque sub-harmonic reduction in low switching frequency induction motor drives  
? Venue: Control Engineering Practice  
? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 3  
? DOI: 10.1016/j.conengprac.2024.106133  
? Scopus ID: 2-s2.0-85207857965  
? Issn: 09670661  
? Volume: 154  
? Authors: Benevieri A.; Marchesoni M.; Passalacqua M.; Pozzobon P.; Vaccaro L.  
? Keywords: DTC | High power | Induction motor | Low frequency ripple torque | Synchronous modulation  
? Quartile:  
2025:  
? Applied Mathematics (Q1, rank 28, percentile 95)  
? Electrical and Electronic Engineering (Q1, rank 143, percentile 85)  
? Control and Systems Engineering (Q1, rank 58, percentile 84)  
? Computer Science Applications (Q1, rank 171, percentile 82)  
? Source Id: 18174  
? Author Ids: 57226763007;6701827441;57195070159;6601994662;21935399500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Benevieri A.

2.

? Title: A New Topology of Multi-Input Bidirectional DC-DC Converters for Hybrid Energy Storage Systems  
? Venue: Energies  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 4  
? DOI: 10.3390/en17205120  
? Scopus ID: 2-s2.0-85207391518  
? eISSN: 19961073  
? Volume: 17  
? Issue: 20  
? Authors: Cosso Simone; Benevieri Alessandro; Marchesoni Mario; Passalacqua Massimiliano; Vaccaro Luis; Pozzobon Paolo  
? Keywords: DC-DC converter | hybrid electric vehicle (HEV) | hybrid energy storage system (HESS) | multi-input topology  
? Quartile:  
2025:  
? Control and Optimization (Q1, rank 11, percentile 94)  
? Engineering (miscellaneous) (Q1, rank 38, percentile 86)  
? Electrical and Electronic Engineering (Q1, rank 155, percentile 84)  
? Energy Engineering and Power Technology (Q1, rank 71, percentile 78)

? Fuel Technology (Q2, rank 40, percentile 70)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 110, percentile 64)  
? Energy (miscellaneous) (Q2, rank 39, percentile 64)

2024:

? Control and Optimization (Q1, rank 15, percentile 90)  
? Engineering (miscellaneous) (Q1, rank 39, percentile 85)  
? Electrical and Electronic Engineering (Q1, rank 173, percentile 82)  
? Energy Engineering and Power Technology (Q1, rank 73, percentile 75)  
? Fuel Technology (Q2, rank 38, percentile 71)  
? Energy (miscellaneous) (Q2, rank 32, percentile 68)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 105, percentile 64)

? Source Id: 62932

? Author Ids: 57324695200;57226763007;6701827441;57195070159;21935399500;6601994662

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Cosso S.

3.

? Title: Taphonomy of the fauna and chert assemblages from the Middle Palaeolithic site of Vajo Salzone, Eastern Italian Alps

? Venue: Quaternary Science Advances

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 2

? DOI: 10.1016/j.qsa.2024.100183

? Scopus ID: 2-s2.0-85192146249

? eISSN: 26660334

? Volume: 14

? Authors: Thun Hohenstein Ursula; Caffarelli Lavinia; Arnetta Gianluca; Rivals Florent; Pozzobon Paolo; Gialanella Stefano; Delpiano Davide; Peresani Marco

? Keywords: Mesowear | Microwear | Mousterian | Taphonomy | XRF spectrometry | Zooarchaeology

? Quartile:

2025:

? Geology (Q1, rank 77, percentile 76)  
? Earth-Surface Processes (Q1, rank 46, percentile 75)  
? Earth and Planetary Sciences (miscellaneous) (Q2, rank 49, percentile 74)

2024:

? Geology (Q2, rank 102, percentile 69)  
? Earth-Surface Processes (Q2, rank 62, percentile 66)  
? Earth and Planetary Sciences (miscellaneous) (Q2, rank 63, percentile 65)

? Source Id: 21101067621

? Author Ids: 57216828735;59035545300;57842520300;22136269300;6601994662;7005974634;57193241708;7801552498

? Authoraffiliationids: 60024690;60024690;60024690;60105014-60032907-60022415;60024690;60015986;60024690;60024690-60021199

? Corresponding: Thun Hohenstein U.

4.

? Title: Genetic algorithm approach for the determination of the electrical parameters of railway traction lines

? Venue: Measurement Journal of the International Measurement Confederation

? Year: 2008

? Type: Journal

? Subtype: Article

? Citations: 4

? DOI: 10.1016/j.measurement.2006.07.007  
? Scopus ID: 2-s2.0-84859763848  
? Issn: 02632241  
? Volume: 41  
? Issue: 2  
? Pages: 169-177  
? Authors: Mariscotti A.; Pozzobon P.  
? Keywords: Capacitance | Conductance | Electric variables measurement | Genetic algorithm | Guideway transportation power systems | Inductance | Resistance  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 15, percentile 92)  
? Electrical and Electronic Engineering (Q1, rank 115, percentile 88)  
? Source Id: 15424  
? Author Ids: 23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Mariscotti A.

5.

? Title: Simplified modeling of 2 ^ 25-kV AT railway system for the solution of low frequency and large-scale problems  
? Venue: IEEE Transactions on Power Delivery  
? Year: 2007  
? Type: Journal  
? Subtype: Article  
? Citations: 60  
? Doi: 10.1109/Tpwr.2006.883020  
? Scopus ID: 2-s2.0-34147108057  
? Issn: 08858977  
? Volume: 22  
? Issue: 1  
? Pages: 296-301  
? Authors: Mariscotti Andrea; Pozzobon Paolo; Vanti Maurizio  
? Keywords: Guideway transportation power systems | Load-flow analysis | Power distribution interference | Power system harmonics | Power system stability  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 98, percentile 90)  
? Energy Engineering and Power Technology (Q1, rank 49, percentile 85)  
? Source Id: 17370  
? Author Ids: 23091663200;6601994662;8661387500  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Mariscotti A.

6.

? Title: The internal impedance of traction rails for DC railways in the 1-100 kHz frequency range  
? Venue: IEEE Transactions on Instrumentation and Measurement  
? Year: 2006  
? Type: Journal  
? Subtype: Article  
? Citations: 23  
? Doi: 10.1109/Tim.2006.880912  
? Scopus ID: 2-s2.0-33749370541  
? Issn: 00189456  
? Volume: 55

? Issue: 5  
? Pages: 1616-1619  
? Authors: Filippone Francesco; Mariscotti Andrea; Pozzobon Paolo  
? Keywords: Electric variables measurement | Electromagnetic interference | Inductance measurement | Rail transportation power systems | Resistance measurement  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 16, percentile 91)  
? Electrical and Electronic Engineering (Q1, rank 119, percentile 88)  
? Source Id: 15361  
? Author Ids: 6602887819;23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Filippone F.

7.

? Title: Measurement of AT electric railway system currents at power-supply frequency and validation of a multiconductor transmission-line model  
? Venue: IEEE Transactions on Power Delivery  
? Year: 2006  
? Type: Journal  
? Subtype: Article  
? Citations: 77  
? Doi: 10.1109/Tpwr.2006.874109  
? Scopus ID: 2-s2.0-33745596800  
? Issn: 08858977  
? Volume: 21  
? Issue: 3  
? Pages: 1721-1726  
? Authors: Cella Roberto; Giangaspero Giuseppe; Mariscotti Andrea; Montepagano Angelo; Pozzobon Paolo; Ruscilli Marco; Vanti Maurizio  
? Keywords: Guideway transportation power systems | Power distribution interference | Power system harmonics  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 98, percentile 90)  
? Energy Engineering and Power Technology (Q1, rank 49, percentile 85)  
? Source Id: 17370  
? Author Ids:  
57198257619;14028335900;23091663200;14028728500;6601994662;14028869200;8661387500  
? Authoraffiliationids: 60073836;60073836;60025153;60073836;60025153;60073836;60025153  
? Corresponding: Cella R.

8.

? Title: Distribution of the traction return current in AT electric railway systems  
? Venue: IEEE Transactions on Power Delivery  
? Year: 2005  
? Type: Journal  
? Subtype: Article  
? Citations: 64  
? Doi: 10.1109/Tpwr.2005.848721  
? Scopus ID: 2-s2.0-23944496319  
? Issn: 08858977  
? Volume: 20  
? Issue: 3  
? Pages: 2119-2128  
? Authors: Mariscotti Andrea; Pozzobon Paolo; Vanti Maurizio

? Keywords: Guideway transportation power systems | Power distribution interference | Power system harmonics

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 98, percentile 90)

? Energy Engineering and Power Technology (Q1, rank 49, percentile 85)

? Source Id: 17370

? Author Ids: 23091663200;6601994662;8661387500

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Mariscotti A.

9.

? Title: Experimental results on low rail-to-rail conductance values

? Venue: IEEE Transactions on Vehicular Technology

? Year: 2005

? Type: Journal

? Subtype: Article

? Citations: 32

? Doi: 10.1109/Tvt.2005.844667

? Scopus ID: 2-s2.0-21244433977

? Issn: 00189545

? Volume: 54

? Issue: 3

? Pages: 1219-1222

? Authors: Mariscotti A.; Pozzobon P.

? Keywords: Conductivity | Electric variables measurement | Guideway transportation power systems

? Quartile:

2025:

? Aerospace Engineering (Q1, rank 5, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)

? Automotive Engineering (Q1, rank 9, percentile 93)

? Computer Networks and Communications (Q1, rank 38, percentile 93)

? Source Id: 17393

? Author Ids: 23091663200;6601994662

? Authoraffiliationids: 60025153;60025153

? Corresponding: Mariscotti A.

10.

? Title: Determination of the electrical parameters of railway traction lines: Calculation, measurement, and reference data

? Venue: IEEE Transactions on Power Delivery

? Year: 2004

? Type: Journal

? Subtype: Article

? Citations: 84

? Doi: 10.1109/Tpwr.2004.835285

? Scopus ID: 2-s2.0-7244234104

? Issn: 08858977

? Volume: 19

? Issue: 4

? Pages: 1538-1546

? Authors: Mariscotti Andrea; Pozzobon Paolo

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 98, percentile 90)

? Energy Engineering and Power Technology (Q1, rank 49, percentile 85)  
? Source Id: 17370  
? Author Ids: 23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Mariscotti A.

11.

? Title: Resistance and internal inductance of traction rails at power frequency: A survey  
? Venue: IEEE Transactions on Vehicular Technology  
? Year: 2004  
? Type: Journal  
? Subtype: Article  
? Citations: 40  
? Doi: 10.1109/Tvt.2004.830968  
? Scopus ID: 2-s2.0-3943067120  
? Issn: 00189545  
? Volume: 53  
? Issue: 4  
? Pages: 1069-1075  
? Authors: Mariscotti Andrea; Pozzobon Paolo  
? Quartile:  
2025:  
? Aerospace Engineering (Q1, rank 5, percentile 97)  
? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)  
? Automotive Engineering (Q1, rank 9, percentile 93)  
? Computer Networks and Communications (Q1, rank 38, percentile 93)  
? Source Id: 17393  
? Author Ids: 23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Mariscotti A.

12.

? Title: Measurement of the internal impedance of traction rails at audiofrequency  
? Venue: IEEE Transactions on Instrumentation and Measurement  
? Year: 2004  
? Type: Journal  
? Subtype: Article  
? Citations: 29  
? Doi: 10.1109/Tim.2004.827321  
? Scopus ID: 2-s2.0-2942599751  
? Issn: 00189456  
? Volume: 53  
? Issue: 3  
? Pages: 792-797  
? Authors: Mariscotti Andrea; Pozzobon Paolo  
? Keywords: Electric variables measurement | Frequency measurement | Inductance measurement | Rail transportation power systems | Resistance measurement | Time measurement  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 16, percentile 91)  
? Electrical and Electronic Engineering (Q1, rank 119, percentile 88)  
? Source Id: 15361  
? Author Ids: 23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153

- ? Corresponding: Mariscotti A.
- 13.
- ? Title: Low-frequency magnetic field in DC railway substations
- ? Venue: IEEE Transactions on Vehicular Technology
- ? Year: 2004
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 8
- ? Doi: 10.1109/Tvt.2003.822334
- ? Scopus ID: 2-s2.0-1242263418
- ? Issn: 00189545
- ? Volume: 53
- ? Issue: 1
- ? Pages: 192-198
- ? Authors: Mariscotti A.; Pozzobon P.
- ? Keywords: Electromagnetic measurements | Guideway transportation power systems | Magnetic fields | Substations
- ? Quartile:
- 2025:
- ? Aerospace Engineering (Q1, rank 5, percentile 97)
- ? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)
- ? Automotive Engineering (Q1, rank 9, percentile 93)
- ? Computer Networks and Communications (Q1, rank 38, percentile 93)
- ? Source Id: 17393
- ? Author Ids: 23091663200;6601994662
- ? Authoraffiliationids: 60025153;60025153
- ? Corresponding: Mariscotti A.
- 14.
- ? Title: Synthesis of line impedance expressions for railway traction systems
- ? Venue: IEEE Transactions on Vehicular Technology
- ? Year: 2003
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 54
- ? Doi: 10.1109/Tvt.2003.808750
- ? Scopus ID: 2-s2.0-0038630570
- ? Issn: 00189545
- ? Volume: 52
- ? Issue: 2
- ? Pages: 420-430
- ? Authors: Mariscotti Andrea; Pozzobon Paolo
- ? Keywords: Guideway transportation power systems | Impedance | Transmission line theory
- ? Quartile:
- 2025:
- ? Aerospace Engineering (Q1, rank 5, percentile 97)
- ? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)
- ? Automotive Engineering (Q1, rank 9, percentile 93)
- ? Computer Networks and Communications (Q1, rank 38, percentile 93)
- ? Source Id: 17393
- ? Author Ids: 23091663200;6601994662
- ? Authoraffiliationids: 60025153;60025153
- ? Corresponding: Mariscotti A.
- 15.



? Title: Proposal of an artificial traction line network for the measurement of locomotive conducted emissions  
? Venue: IEEE International Symposium on Electromagnetic Compatibility  
? Year: 2003  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1109/lcsmc2.2003.1429130  
? Scopus ID: 2-s2.0-64749113208  
? Issn: 10774076  
? eISSN: 21581118  
? Volume: 2  
? Pages: 1188-1191  
? Authors: Mariscotti A.; Pozzobon P.  
? Keywords: Electromagnetic conductive interference | Power system harmonics | Rail transportation power systems  
? Source Id: 17274  
? Author Ids: 23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Mariscotti A.

- 16.
- ? Title: Measurement and Analysis of Low-Frequency Magnetic Field Emissions in Rolling Stock  
? Venue: International Symposium on Electromagnetic Compatibility 2002 EMC Europe Sorrento  
? Year: 2002  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 8  
? Doi: 10.23919/Emc.2002.10880071  
? Scopus ID: 2-s2.0-4644307152  
? Pages: 1201-1204  
? Authors: Bellan B.; Betti P.; Carillo D.; Dramore M.; Drarco M.; De Capua C.; Gaggelli A.; Grandolfo M.; Maradei F.; Mariscotti A.; Pignari S.; Pozzobon P.; Rossi P.; Violi A. G.  
? Source Id: 21101278680  
? Author Ids: 59668471200;58886419200;7801376484;59668504100;59668533500;6701321959;6602645267;7006577497;57226721394;23091663200;6701834930;6601994662;57202031281;5966853360  
? Authoraffiliationids: 60023256;132322224;132322224;60032350;60017293;60017293;13232224;60010062;60032350;60025153;60023256;60025153;60083946;132322224  
? Corresponding: Bellan B.

- 17.
- ? Title: Procedure for the measurement of the electrical parameters of railway traction lines  
? Venue: 12th Imeko Tc4 International Symposium Electrical Measurements and Instrumentation  
? Year: 2002  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Scopus ID: 2-s2.0-3242779302  
? Pages: 15-19  
? Authors: Mariscotti A.; Pozzobon P.

? Keywords: Electric variables measurement | Rail transportation power systems  
? Source Id: 21100932824  
? Author Ids: 23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Mariscotti A.

18.

? Title: Electrical compatibility in railway systems - Results of the ESCARV project  
? Venue: Eb Elektrische Bahnen  
? Year: 2001  
? Type: Trade Journal  
? Subtype: Article  
? Citations: 3  
? Scopus ID: 2-s2.0-0342467820  
? Issn: 00135437  
? Volume: 99  
? Issue: 6-7  
? Pages: 284-291  
? Authors: Henning Uwe; Petersen Anders Jenry; W^...rgler Dieter; Staudt Volker; Graupner Winfried; Pozzobon Paolo  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q4, rank 915, percentile 8)  
? Automotive Engineering (Q4, rank 129, percentile 4)  
? Source Id: 24542  
? Author Ids: 7005599253;7202330568;6507266471;6602566453;57214019875;6601994662  
? Authoraffiliationids: ;;;;60025153  
? Corresponding: Henning U.

19.

? Title: Electromagnetic emissions from electical rotating machinery  
? Venue: IEEE Transactions on Energy Conversion  
? Year: 2001  
? Type: Journal  
? Subtype: Article  
? Citations: 26  
? Doi: 10.1109/60.911406  
? Scopus ID: 2-s2.0-0035275185  
? Issn: 08858969  
? Volume: 16  
? Issue: 1  
? Pages: 68-73  
? Authors: Ferrari P.; Mariscotti A.; Motta A.; Pozzobon P.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 62, percentile 93)  
? Energy Engineering and Power Technology (Q1, rank 30, percentile 90)  
? Source Id: 28824  
? Author Ids: 56209915500;23091663200;23025903700;6601994662  
? Authoraffiliationids: 105228733;105228733;60073836;105228733  
? Corresponding: Ferrari P.

20.

? Title: Measurement of the internal impedance of traction rails at 50 Hz  
? Venue: IEEE Transactions on Instrumentation and Measurement  
? Year: 2000  
? Type: Journal

? Subtype: Article  
? Citations: 29  
? Doi: 10.1109/19.843067  
? Scopus ID: 2-s2.0-0033687509  
? Issn: 00189456  
? Volume: 49  
? Issue: 2  
? Pages: 294-299  
? Authors: Mariscotti Andrea; Pozzobon Paolo  
? Quartile:  
2025:  
? Instrumentation (Q1, rank 16, percentile 91)  
? Electrical and Electronic Engineering (Q1, rank 119, percentile 88)  
? Source Id: 15361  
? Author Ids: 23091663200;6601994662  
? Authoraffiliationids: 60000251-60025153;60000251-60025153  
? Corresponding: Mariscotti A.

21.

? Title: Track and traction line impedance expressions for deterministic and probabilistic voltage distortion analysis  
? Venue: Proceedings of International Conference on Harmonics and Quality of Power Ichqp  
? Year: 2000  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 14  
? Doi: 10.1109/Ichqp.2000.897745  
? Scopus ID: 2-s2.0-0038366890  
? Issn: 15406008  
? eISSN: 21640610  
? Volume: 2  
? Pages: 589-594  
? Authors: Fracchia M.; Mariscotti A.; Pozzobon P.  
? Keywords: Conductors | Electromagnetic interference | Electronic switching systems | Filters | Frequency | Impedance | Rail transportation | Resonance | Static power converters | Voltage  
? Quartile:  
2025:  
? Computer Networks and Communications (Q3, rank 354, percentile 35)  
? Energy Engineering and Power Technology (Q3, rank 213, percentile 34)  
? Electrical and Electronic Engineering (Q3, rank 654, percentile 34)  
? Fuel Technology (Q3, rank 92, percentile 32)  
? Signal Processing (Q3, rank 132, percentile 32)  
? Source Id: 21100228510  
? Author Ids: 7004022170;23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Fracchia M.

22.

? Title: Reference curves of the pantograph impedance in DC railway systems  
? Venue: Proceedings IEEE International Symposium on Circuits and Systems  
? Year: 2000  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 28

? Doi: 10.1109/lscas.2000.857155  
? Scopus ID: 2-s2.0-0033720436  
? Issn: 02714310  
? Volume: 1  
? Pages: 1-555-1-558  
? Authors: Ferrari P.; Mariscotti A.; Pozzobon P.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 652, percentile 34)  
? Source Id: 56190  
? Author Ids: 56209915500;23091663200;6601994662  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Ferrari P.

23.

? Title: Assessment of H-field levels inside a DC railway substation  
? Venue: IEEE International Symposium on Electromagnetic Compatibility  
? Year: 2000  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-0033714030  
? Issn: 01901494  
? Volume: 1  
? Pages: 175-179  
? Authors: Amendolara A.; Laurenti G.; Mariscotti A.; Pozzobon P.  
? Source Id: 17274  
? Author Ids: 7801308902;58351617900;23091663200;6601994662  
? Authoraffiliationids: 101125136;101125136;101125136;101125136  
? Corresponding: Amendolara A.

24.

? Title: Electromagnetic radiated emissions from electrical rotating machinery  
? Venue: IEEE International Electric Machines and Drives Conference Iemdc 1999 Proceedings  
? Year: 1999  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1109/lemdc.1999.769202  
? Scopus ID: 2-s2.0-84886839368  
? Pages: 646-648  
? Authors: Ferrari P.; Mariscotti A.; Motta A.; Pozzobon P.  
? Source Id: 21100265060  
? Author Ids: 56209915500;23091663200;23025903700;6601994662  
? Authoraffiliationids: 60025153;60025153;60073836;60025153  
? Corresponding: Ferrari P.

25.

? Title: Measurement of the internal impedance of traction rails at 50 Hz  
? Venue: Conference Record IEEE Instrumentation and Measurement Technology Conference  
? Year: 1999  
? Type: Conference Proceeding  
? Subtype: Article  
? Citations: 0  
? Scopus ID: 2-s2.0-0032676611  
? Volume: 1

- ? Pages: 338-343
  - ? Authors: Mariscotti A.; Pozzobon P.
  - ? Quartile:
  - 2025:
  - ? Electrical and Electronic Engineering (Q3, rank 634, percentile 36)
  - ? Source Id: 15045
  - ? Author Ids: 23091663200;6601994662
  - ? Authoraffiliationids: 60025153;60025153
  - ? Corresponding: Mariscotti A.
- 26.
- ? Title: Integrated modelling of audiofrequency track circuits
  - ? Venue: IEE Conference Publication
  - ? Year: 1999
  - ? Type: Conference Proceeding
  - ? Subtype: Article
  - ? Citations: 13
  - ? DOI: 10.1049/cp:19990252
  - ? Scopus ID: 2-s2.0-0032628955
  - ? Issn: 05379989
  - ? Issue: 464
  - ? Pages: 101-106
  - ? Authors: D'Addio G.; Ferrari P.; Mariscotti A.; Pozzobon P.
  - ? Source Id: 34914
  - ? Author Ids: 6601969294;56209915500;23091663200;6601994662
  - ? Authoraffiliationids: 60025153;60025153;60025153;60025153
  - ? Corresponding: D'Addio G.
- 27.
- ? Title: Modelling of electromagnetic emission from catenary-pantograph sliding contact
  - ? Venue: Proceedings of the International Conference on Computer Aided Design Manufacture and Operation in the Railway and Other Advanced Mass Transit Systems
  - ? Year: 1998
  - ? Type: Conference Proceeding
  - ? Subtype: Conference Paper
  - ? Citations: 11
  - ? Scopus ID: 2-s2.0-0032259194
  - ? Pages: 881-890
  - ? Authors: Brillante S.; Ferrari P.; Pozzobon P.
  - ? Source Id: 57559
  - ? Author Ids: 6602214633;56209915500;6601994662
  - ? Authoraffiliationids: 60025153;60025153;60025153
  - ? Corresponding: Brillante S.
- 28.
- ? Title: Transient and steady-state short-circuit currents in rectifiers for DC traction supply
  - ? Venue: IEEE Transactions on Vehicular Technology
  - ? Year: 1998
  - ? Type: Journal
  - ? Subtype: Article
  - ? Citations: 90
  - ? Doi: 10.1109/25.728534
  - ? Scopus ID: 2-s2.0-0032208011
  - ? Issn: 00189545
  - ? Volume: 47
  - ? Issue: 4

? Pages: 1390-1404  
? Authors: Pozzobon Paolo  
? Keywords: Power system faults | Rail transportation power systems | Rectifiers  
? Quartile:  
2025:  
? Aerospace Engineering (Q1, rank 5, percentile 97)  
? Electrical and Electronic Engineering (Q1, rank 63, percentile 93)  
? Automotive Engineering (Q1, rank 9, percentile 93)  
? Computer Networks and Communications (Q1, rank 38, percentile 93)  
? Source Id: 17393  
? Author Ids: 6601994662  
? Authoraffiliationids: 60025153  
? Corresponding: Pozzobon P.

29.

? Title: Railway lines models for impedance evaluation  
? Venue: Proceedings of International Conference on Harmonics and Quality of Power  
Ichqp  
? Year: 1998  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 18  
? Doi: 10.1109/Ichqp.1998.760121  
? Scopus ID: 2-s2.0-85015367607  
? Issn: 15406008  
? eISSN: 21640610  
? Volume: 2  
? Pages: 641-646  
? Authors: Ferrari P.; Pozzobon P.  
? Keywords: frequency domain analysis | multiconductortransmission lines.  
impedance,sensitivity | Rail transportation power systems  
? Quartile:  
2025:  
? Computer Networks and Communications (Q3, rank 354, percentile 35)  
? Energy Engineering and Power Technology (Q3, rank 213, percentile 34)  
? Electrical and Electronic Engineering (Q3, rank 654, percentile 34)  
? Fuel Technology (Q3, rank 92, percentile 32)  
? Signal Processing (Q3, rank 132, percentile 32)  
? Source Id: 21100228510  
? Author Ids: 56209915500;6601994662  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Ferrari P.

30.

? Title: A method for integrated harmonic analysis of multi-converter systems  
? Venue: Proceedings of International Conference on Harmonics and Quality of Power  
Ichqp  
? Year: 1998  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1109/Ichqp.1998.759947  
? Scopus ID: 2-s2.0-33746599712  
? Issn: 15406008  
? eISSN: 21640610  
? Volume: 1

? Pages: 426-431  
? Authors: Ferrari P.; Giuliari M.; Pozzobon A.; Pozzobon P.  
? Keywords: choppers. modeling | electromagnetic interference | frequency domain analysis | harmonic analysis | Rail transportation power systems | rectifiers  
? Quartile:  
2025:  
? Computer Networks and Communications (Q3, rank 354, percentile 35)  
? Energy Engineering and Power Technology (Q3, rank 213, percentile 34)  
? Electrical and Electronic Engineering (Q3, rank 654, percentile 34)  
? Fuel Technology (Q3, rank 92, percentile 32)  
? Signal Processing (Q3, rank 132, percentile 32)  
? Source Id: 21100228510  
? Author Ids: 56209915500;6506970944;56512026300;6601994662  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Ferrari P.

31.

? Title: Fuzzy identification of rail track parameters  
? Venue: Proceedings of the IEEE ASME Joint Railroad Conference  
? Year: 1997  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Scopus ID: 2-s2.0-0030616054  
? Pages: 11-20  
? Authors: Hill Roland John; Pozzobon Paolo  
? Source Id: 76464  
? Author Ids: 7404752157;6601994662  
? Authoraffiliationids: 60030480;60030480  
? Corresponding: Hill R.

32.

? Title: Feeding impedance model for electrified rail track  
? Venue: Proceedings of the International Conference on Computer Aided Design Manufacture and Operation in the Railway and Other Mass Transit Systems  
? Year: 1996  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0030399517  
? Volume: 2  
? Pages: 177-186  
? Authors: Hill R. J.; Pozzobon P.; Brillante S.; Pozzobon A.  
? Source Id: 94140  
? Author Ids: 7404752157;6601994662;6602214633;56512026300  
? Authoraffiliationids: 60030480;60030480;60030480;60030480  
? Corresponding: Hill R.

33.

? Title: Computer methods for electromagnetic analysis of electric rail traction systems  
? Venue: Proceedings of the International Conference on Computer Aided Design Manufacture and Operation in the Railway and Other Mass Transit Systems  
? Year: 1996  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0

? Scopus ID: 2-s2.0-0030394391  
? Volume: 2  
? Pages: 413-421  
? Authors: Pozzobon A.; Pozzobon P.  
? Source Id: 94140  
? Author Ids: 56512026300;6601994662  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Pozzobon A.

34.

? Title: EMC issues in electric railway traction systems  
? Venue: Proceedings of the International Conference on Applications of Advanced Technologies in Transportation Engineering  
? Year: 1996  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0029755413  
? Pages: 44-48  
? Authors: Mazzucchelli M.; Pozzobon P.; Sciutto G.  
? Source Id: 57584  
? Author Ids: 15623683200;6601994662;7003892246  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Mazzucchelli M.

35.

? Title: Electromagnetic fields in traction systems: Modelling and applications  
? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering  
? Year: 1995  
? Type: Journal  
? Subtype: Review  
? Citations: 0  
? DOI: 10.1108/eb051943  
? Scopus ID: 2-s2.0-0029464503  
? Issn: 03321649  
? Volume: 14  
? Issue: 4  
? Pages: 207-211  
? Authors: Brillante S.; Hill R. J.; Leonard P. J.; Pozzobon P.  
? Quartile:  
2025:  
? Applied Mathematics (Q2, rank 262, percentile 61)  
? Computational Theory and Mathematics (Q2, rank 93, percentile 54)  
? Electrical and Electronic Engineering (Q2, rank 486, percentile 51)  
? Computer Science Applications (Q3, rank 541, percentile 44)  
? Source Id: 28454  
? Author Ids: 6602214633;7404752157;7103410756;6601994662  
? Authoraffiliationids: 60030480;60030480;60030480;60025153  
? Corresponding: Brillante S.

36.

? Title: A frequency domain model for 3 kv dc traction dc-side resonance identification  
? Venue: IEEE Transactions on Power Systems  
? Year: 1995  
? Type: Journal  
? Subtype: Article



? Citations: 19  
? Doi: 10.1109/59.466516  
? Scopus ID: 2-s2.0-0029354527  
? Issn: 08858950  
? eISSN: 15580679  
? Volume: 10  
? Issue: 3  
? Pages: 1369-1375  
? Authors: Hill R. J.; Pozzobon P.; Sciutto G.; Fracchia M.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 36, percentile 96)  
? Energy Engineering and Power Technology (Q1, rank 17, percentile 94)  
? Source Id: 28825  
? Author Ids: 7404752157;6601994662;7003892246;7004022170  
? Authoraffiliationids: 60171480;60171480;60171480;60025153  
? Corresponding: Hill R.J.

37.

? Title: Modelling for electromagnetic interference assessment in electric railway traction systems  
? Venue: IEE Conference Publication  
? Year: 1995  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 5  
? DOI: 10.1049/cp:19950196  
? Scopus ID: 2-s2.0-0029237153  
? Issn: 05379989  
? Issue: 405  
? Pages: 148-152  
? Authors: Brillante S.; Hill R. J.; Pozzobon A.; Pozzobon P.; Sciutto G.  
? Source Id: 34914  
? Author Ids: 6602214633;7404752157;56512026300;6601994662;7003892246  
? Authoraffiliationids: 60030480;60030480;60030480;60030480;60030480  
? Corresponding: Brillante S.

38.

? Title: Accurate track modelling for fault current studies on third-rail metro railways  
? Venue: Proceedings of the IEEE ASME Joint Railroad Conference  
? Year: 1994  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Scopus ID: 2-s2.0-0028758624  
? Pages: 97-102  
? Authors: Fracchia M.; Hill R. J.; Pozzobon P.; Sciutto G.  
? Source Id: 76464  
? Author Ids: 7004022170;7404752157;6601994662;7003892246  
? Authoraffiliationids: 60030480;60030480;60030480;60030480  
? Corresponding: Fracchia M.

39.

? Title: Identification of catenary harmonics in 3kV DC railway traction systems  
? Venue: Mediterranean Electrotechnical Conference MELECON  
? Year: 1994

? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 6  
? Scopus ID: 2-s2.0-0028700012  
? Volume: 2  
? Authors: Coles P. C.; Fracchia M.; Hill R. J.; Pozzobon P.; Szelag A.  
? Source Id: 95558  
? Author Ids: 7103212651;7004022170;7404752157;6601994662;36194487700  
? Authoraffiliationids: 60030480;60030480;60030480;60030480;60030480  
? Corresponding: Coles P.

40.

? Title: Modelling For The Prediction Of Interference Between Power And Signalling Currents In Railway Traction Systems  
? Venue: EMC 1994 Roma International Symposium on Electromagnetic Compatibility  
? Year: 1994  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.23919/Emc.1994.10777645  
? Scopus ID: 2-s2.0-84947694080  
? Pages: 611-616  
? Authors: Hill R. J.; Fracchia M.; Pozzobon A.; Pozzobon P.; Sciutto G.  
? Keywords: Biological system modeling | Frequency shift keying | Harmonic analysis | Integrated circuit modeling | Interference | Noise | Rails | Receivers | Rectifiers | Substations  
? Source Id: 21101269601  
? Author Ids: 7404752157;7004022170;56512026300;6601994662;7003892246  
? Authoraffiliationids: 60030480;60025153;60025153;60025153;60025153  
? Corresponding: Hill R.J.

41.

? Title: Accurate track modelling for fault current studies on third-rail metro railways  
? Venue: 1994 ASME IEEE Joint Railroad Conference  
? Year: 1994  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 6  
? Scopus ID: 2-s2.0-0028257067  
? Pages: 97-102  
? Authors: Fracchia M.; Hill R. J.; Pozzobon P.; Sciutto G.  
? Source Id: 24440  
? Author Ids: 7004022170;7404752157;6601994662;7003892246  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Fracchia M.

42.

? Title: Generalized model for harmonic analysis of natural commutation conversion systems  
? Venue: IEE Conference Publication  
? Year: 1993  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-0027878336  
? Issn: 05379987

? Volume: 8  
? Issue: 377  
? Pages: 179-184  
? Authors: Bolognani S.; Fracchia M.; Pozzobon P.; Zigliotto M.  
? Source Id: 34914  
? Author Ids: 7006685205;7004022170;6601994662;55962943300  
? Authoraffiliationids: 60000481;60000481;60000481;60000481  
? Corresponding: Bolognani S.

43.

? Title: Modelling and simulation of supply current interference in traction systems arising from multi-level converters in high-power locomotive drives  
? Venue: IEE Conference Publication  
? Year: 1993  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Scopus ID: 2-s2.0-0027807931  
? Issn: 05379987  
? Volume: 7  
? Issue: 377  
? Pages: 24-28  
? Authors: Coles P. C.; Fracchia M.; Hill R. J.; Pozzobon P.; Sciutto G.  
? Source Id: 34914  
? Author Ids: 7103212651;7004022170;7404752157;6601994662;7003892246  
? Authoraffiliationids: 60030480;60030480;60030480;60030480;60030480  
? Corresponding: Coles P.

44.

? Title: Power control with stepped-wave modulated vsi  
? Venue: Joint International Power Conference Quot Athens Power Tech Quot Planning Operation and Control in Today S Electric Power Systems Apt 1993 Proceedings  
? Year: 1993  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1109/Apt.1993.686850  
? Scopus ID: 2-s2.0-85066485819  
? Volume: 1  
? Pages: 92-96  
? Authors: Fracchia M.; Pozzobon P.  
? Source Id: 21100908419  
? Author Ids: 7004022170;6601994662  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Fracchia M.

45.

? Title: Mechanical effects of chopper drives torque ripple on the wheels of the E633 Italian locomotives  
? Venue: National Conference Publication Institution of Engineers Australia  
? Year: 1992  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0026986928  
? Issn: 03136922  
? Issue: 92 pt 10

? Pages: 115-120

? Authors: Ghiara T.; Pozzobon P.

? Source Id: 12276

? Author Ids: 6603501030;6601994662

? Authoraffiliationids: 60025153;60025153

? Corresponding: Ghiara T.