

## INVERNIZZI MARCO

### Overview

? Unit: ELE  
? Role: Professore ordinario  
? Grade: Prof.Ordinario DPR 232/11 art.2 - t.pieno - cl. 7  
? SSD: IIND-08/B (Sistemi elettrici per l'energia)  
? Scopus ID: 6701527755  
? Unige Id: 053485  
? Retrieved at: 2025-11-14T15:15:32.348087

### Contact

? Email: marco.invernizzi@unige.it  
? Phone: +39 010 33 52184  
? Page: <https://rubrica.unige.it/personale/VUZEX1Js>  
? Locations: Opera Pia - padiglione D (ED161450401), 1° piano, US161450401.I.018

### Career

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

### Responsibilities

? Title: Presidente Advisory Board centro strategico  
? Unit: Centro sicurezza, rischio e vulnerabilit^  
? Period: 2022-07-25 ? 2025-12-31

### Teaching

2025

? Generazione E Distribuzione Sostenibile Dell'Energia Elettrica (111143), L-9 - Ingegneria Elettrica  
? Impianti Elettrici Navali (66118), L-9 - Ingegneria Navale  
? Shipboard Power Systems (101131), L-28 - Maritime Science And Technology  
? Hospital Energy Systems (84341), Lm-21 - Bioengineering  
? Power Systems Analysis (118101), Lm-28 - Electrical Engineering For Energy Transition

2024

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica  
? Impianti Elettrici Navali (66118), L-9 - Ingegneria Navale  
? Shipboard Power Systems (101131), L-28 - Maritime Science And Technology

2023

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica  
? Impianti Elettrici Navali (66118), L-9 - Ingegneria Navale  
? Shipboard Power Systems (101131), L-28 - Maritime Science And Technology

2022

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica  
? Impianti Elettrici Navali (66118), L-9 - Ingegneria Navale  
? Shipboard Power Systems (101131), L-28 - Maritime Science And Technology

2021

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica  
? Impianti Elettrici Navali (66118), L-9 - Ingegneria Navale  
? Shipboard Power Systems (101131), L-28 - Maritime Science And Technology

2020

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica

? Impianti Elettrici Navali (66118), L-9 - Ingegneria Navale

? Shipboard Power Systems (101131), L-28 - Maritime Science And Technology

#### Scopus Metrics

? absolute; Docs: 77; Journals: 28; Conferences: 48; Citations: 1107; H-index: 18

? 15 years (2010-2025); Docs: 43; Journals: 17; Conferences: 26; Citations: 626; H-index: 14

? 10 years (2015-2025); Docs: 29; Journals: 14; Conferences: 15; Citations: 438; H-index: 12

? 05 years (2020-2025); Docs: 12; Journals: 4; Conferences: 8; Citations: 70; H-index: 5

#### Scopus Products

1.
  - ? Title: An Effective Energy Management System to Assess the Convenience of Participating in Electricity Markets
  - ? Venue: IFAC Papersonline
  - ? Year: 2025
  - ? Type: Conference Proceeding
  - ? Subtype: Conference Paper
  - ? Citations: 0
  - ? DOI: 10.1016/j.ifacol.2025.08.107
  - ? Scopus ID: 2-s2.0-105016595058
  - ? Issn: 24058971
  - ? eISSN: 24058963
  - ? Volume: 59
  - ? Issue: 9
  - ? Pages: 25-30
  - ? Authors: Martino M.; Invernizzi M.
  - ? Keywords: Ancillary Service Markets | Energy Management System | Mixed Integer Linear Programming
  - ? Quartile:  
2025:
    - ? Control and Systems Engineering (Q3, rank 218, percentile 42)
  - ? Source Id: 21100456158
  - ? Author Ids: 59210049100;6701527755
  - ? Authoraffiliationids: 60025153;60025153
  - ? Corresponding: Martino M.
2.
  - ? Title: Exploring the role of Energy Communities: A Comprehensive Review
  - ? Venue: Energy Conversion and Management X
  - ? Year: 2025
  - ? Type: Journal
  - ? Subtype: Review
  - ? Citations: 3
  - ? DOI: 10.1016/j.ecmx.2025.100883
  - ? Scopus ID: 2-s2.0-85215245402
  - ? eISSN: 25901745
  - ? Volume: 25
  - ? Authors: Amin M. Asim; Procopio Renato; Invernizzi Marco; Bonfiglio Andrea; Jia Youwei
  - ? Keywords: Energy community | Energy decentralization | Machine learning | Microgrids | Renewable energy

? Quartile:  
2025:  
? Nuclear Energy and Engineering (Q1, rank 6, percentile 93)  
? Energy Engineering and Power Technology (Q1, rank 41, percentile 87)  
? Fuel Technology (Q1, rank 27, percentile 80)  
? Renewable Energy, Sustainability and the Environment (Q1, rank 66, percentile 78)  
? Source Id: 21100896269  
? Author Ids: 57201246575;7801615894;6701527755;36607521000;55511359100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60105683  
? Corresponding: Amin M.A.

3.

? Title: An Efficient Power Dispatching Strategy to Cope with Renewable Energy Sources Uncertainties  
? Venue: Conference Proceedings 2025 IEEE International Conference on Environment and Electrical Engineering and 2025 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2025  
? Year: 2025  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? DOI: 10.1109/EEEIC/ICPSEurope64998.2025.11169234  
? Scopus ID: 2-s2.0-105019038019  
? Authors: Fata Alice La; Amin M. Asim; Brignone Massimo; Invernizzi Marco; Bonfiglio Andrea; Procopio Renato  
? Keywords: Energy Management System | Photovoltaic Forecasting | Receding Horizon Procedure | Recurrent Neural Network  
? Source Id: 21101340466  
? Author Ids: 57434749400;57201246575;8580886100;6701527755;36607521000;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Fata A.L.

4.

? Title: Cost Optimization Incorporating Photovoltaic Power Forecasts Using Neural Networks in an Energy Management System  
? Venue: IEEE Conference on Technologies for Sustainability Sustech  
? Year: 2025  
? Type: Journal  
? Subtype: Conference Paper  
? Citations: 1  
? DOI: 10.1109/SusTech63138.2025.11025673  
? Scopus ID: 2-s2.0-105013073009  
? Issn: 26406829  
? eISSN: 26406810  
? Issue: 2025  
? Authors: Amin M. Asim; La Fata Alice; Brignone Massimo; Invernizzi Marco; Procopio Renato; Petronijevic Milutin; Mitic Ivana Radonjic  
? Keywords: Energy Management System | Photovoltaic Forecasting | Receding Horizon Procedure | Recurrent Neural Network  
? Quartile:  
2025:  
? Control and Optimization (Q4, rank 169, percentile 4)  
? Energy Engineering and Power Technology (Q4, rank 315, percentile 3)  
? Renewable Energy, Sustainability and the Environment (Q4, rank 308, percentile 1)  
? Source Id: 21101320220  
? Author Ids:

57201246575;57434749400;8580886100;6701527755;7801615894;14422928500;57208649613  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60068806;60068806  
? Corresponding: Amin M.A.

5.

? Title: Assessment of the Impact of HVDC Links on Frequency Containment Capacity in a Portion of the Italian Transmission Network  
? Venue: 2025 Aeit HvdC International Conference Aeit HvdC 2025  
? Year: 2025  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.1109/Aeithvdc66044.2025.11079478  
? Scopus ID: 2-s2.0-105012574256  
? Authors: Bonfiglio Andrea; Fresia Matteo; Giannuzzi Giorgio Maria; Invernizzi Marco; Lisciandrello Giuseppe; Orr<sup>^</sup>, Luca; Pisani Cosimo; Procopio Renato; Rinzo Giovanni  
? Keywords: Frequency Containment | HVDC | Inverter-based Resources | Primary Frequency Regulation | Primary Regulating Energy  
? Source Id: 21101318126  
? Author Ids: 36607521000;57224008583;25936117900;6701527755;57219972273;57220190197;55370719100;7801615894;57201200193  
? Authoraffiliationids: 60025153;60025153;60122257;60025153;60122257;60122257;60122257;60025153;60122257  
? Corresponding: Bonfiglio A.

6.

? Title: On the model flexibility of the geographical distributed real-time co-simulation: The example of ENET-RT lab  
? Venue: Sustainable Energy Grids and Networks  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 8  
? DOI: 10.1016/j.segan.2024.101501  
? Scopus ID: 2-s2.0-85202997495  
? eISSN: 23524677  
? Volume: 40  
? Authors: Mazza A.; Benedetto G.; Pons E.; Bompard E.; De Paola A.; Thomas D.; Kotsakis E.; Fulli G.; Vogel S.; Acosta Gil A.; Monti A.; Bruno S.; Iurlaro C.; La Scala M.; Bonfiglio A.; Cepollini P.; D'Agostino F.; Invernizzi M.; Rossi M.; Silvestro F.; De Caro F.; Giannoccaro G.; Villacci D.  
? Keywords: Control-in-the-loop | Frequency control | Power hardware-in-the-loop | Real time co-simulation | Software-in-the-loop  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 131, percentile 86)  
? Control and Systems Engineering (Q1, rank 52, percentile 86)  
? Energy Engineering and Power Technology (Q1, rank 63, percentile 80)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 90, percentile 71)  
2024:  
? Electrical and Electronic Engineering (Q1, rank 122, percentile 87)  
? Control and Systems Engineering (Q1, rank 52, percentile 86)  
? Energy Engineering and Power Technology (Q1, rank 53, percentile 82)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 77, percentile 74)  
? Source Id: 21100371258  
? Author Ids: 55375438700;57945789200;11339101500;6602152775;55605029400;57188994200;65

08183852;55924499600;57016169800;56669354800;57203094797;7101968133;57218844607;5696276  
6200;36607521000;59312112400;56553864200;6701527755;7403708681;23026343700;57197856138;  
52263394500;6602560464  
? Authoraffiliationids: 60012162;60012162;60012162;60012162;60103695;60103695;60103695;  
60103695;130347437;60016653;60016653;60027299;60027299;60027299;60025153;60025153;60025  
153;60025153;60025153;60025153;60004300;60017293;60017293  
? Corresponding: Mazza A.

7.

? Title: A Techno-Economic Assessment to Define Inertia Needs of the Italian  
Transmission Network in the 2030 Energy Scenario  
? Venue: IEEE Transactions on Power Systems  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 17  
? Doi: 10.1109/Tpws.2023.3331178  
? Scopus ID: 2-s2.0-85177074761  
? Issn: 08858950  
? eISSN: 15580679  
? Volume: 39  
? Issue: 3  
? Pages: 5050-5061  
? Authors: Fresia Matteo; Minetti Manuela; Rosini Alessandro; Procopio Renato;  
Bonfiglio Andrea; Invernizzi Marco; Denegri Gio Battista; Lisciandrello Giuseppe; Orru  
Luca  
? Keywords: Grid flexibilization | system inertia | transmission system  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 36, percentile 96)  
? Energy Engineering and Power Technology (Q1, rank 17, percentile 94)  
2024:  
? Electrical and Electronic Engineering (Q1, rank 39, percentile 96)  
? Energy Engineering and Power Technology (Q1, rank 18, percentile 94)  
? Source Id: 28825  
? Author Ids: 57224008583;57210474295;57204050700;7801615894;36607521000;6701527755;700  
4649825;57219972273;57220190197  
? Authoraffiliationids:  
60025153;60025153;60025153;60025153;60025153;60025153;60122257;60122257  
? Corresponding: Fresia M.

8.

? Title: Structurally Tuned LSTM Networks to Nowcast Photovoltaic Power Production  
? Venue: Proceedings 24th Eeeic International Conference on Environment and Electrical  
Engineering and 8th I and Cps Industrial and Commercial Power Systems Europe Eeeic I  
and Cps Europe 2024  
? Year: 2024  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 9  
? DOI: 10.1109/EEEIC/ICPSEurope61470.2024.10751363  
? Scopus ID: 2-s2.0-85219483718  
? Authors: La Fata Alice; Amin M. Asim; Invernizzi Marco; Procopio Renato  
? Keywords: Nowcasting | Photovoltaic Power Production | Recurrent Neural Networks  
? Source Id: 21101263912  
? Author Ids: 57434749400;57201246575;6701527755;7801615894

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: La Fata A.

9.

? Title: Photovoltaic Power Nowcasting Using Decision-Trees Based Algorithms and Neural Networks

? Venue: Proceedings 2024 11th International Conference on Electrical Electronic and Computing Engineering Iccetran 2024

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 12

? DOI: 10.1109/IcETRAN62308.2024.10645147

? Scopus ID: 2-s2.0-85204066359

? Authors: Amin M. Asim; La Fata Alice; Procopio Renato; Invernizzi Marco; Petronijevic Milutin; Mitic Ivana Radonjic

? Keywords: day-ahead forecasting | machine learning | Photovoltaic production | recurrent neural networks

? Source Id: 21101248521

? Author Ids: 57201246575;57434749400;7801615894;6701527755;14422928500;57208649613

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60068806;60068806

? Corresponding: Amin M.A.

10.

? Title: Supporting a 'Glocal' Energy Transition: from Local Energy Communities to Global Simulation Networks

? Venue: 2023 International Conference on Smart Energy Systems and Technologies Sest 2023

? Year: 2023

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Doi: 10.1109/Sest57387.2023.10257451

? Scopus ID: 2-s2.0-85174247594

? Authors: Benedetto G.; Mazza A.; Pons E.; Bompard E.; De Paola A.; Thomas D.; Kotsakis E.; Fulli G.; Vogel S.; Monti A.; Bruno S.; Giannoccaro G.; Scala M. La; Bonfiglio A.; Invernizzi M.; Rossi M.; De Caro F.; Villacci D.

? Keywords: Control-in-the-Loop | Frequency Control | Power Hardware-in-the-Loop | Real Time Co-simulation | Software-in-the-Loop

? Source Id: 21101183461

? Author Ids: 57945789200;55375438700;11339101500;6602152775;55605029400;57188994200;6508183852;55924499600;57016169800;57203094797;7101968133;52263394500;56962766200;36607521000;6701527755;7403708681;57197856138;6602560464

? Authoraffiliationids: 60003066;60003066;60003066;60003066;60103695;60103695;60103695;60103695;130347437;60016653;60027299;60027299;60027299;60025153;60025153;60025153;60004300;60017293

? Corresponding: Benedetto G.

11.

? Title: Real-Time Power System Laboratories at the University of Genoa

? Venue: 2022 Aeit International Annual Conference Aeit 2022

? Year: 2022

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.23919/Aeit56783.2022.9951786

? Scopus ID: 2-s2.0-85143621135

? Authors: Bonfiglio Andrea; Bracco Stefano; D'Agostino Fabio; Delfino Federico; Laiolo Paola; Invernizzi Marco; Massucco Stefano; Procopio Renato; Saviozzi Matteo; Silvestro Federico

? Keywords: Power Laboratories | Power Systems | Real Time Simulation

? Source Id: 21101125262

? Author Ids: 36607521000;15049159900;56553864200;6603766602;56576462300;6701527755;6603357712;7801615894;56027556100;23026343700

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

? Corresponding: Bonfiglio A.

12.

? Title: Ensiel National Energy Transition Real Time Lab: a Novel Tool to Shape the Future Energy System

? Venue: 2022 Aeit International Annual Conference Aeit 2022

? Year: 2022

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 12

? Doi: 10.23919/Aeit56783.2022.9951729

? Scopus ID: 2-s2.0-85143614787

? Authors: Benedetto Giorgio; Bompard Ettore; Mazza Andrea; Pons Enrico; Bruno Sergio; Giannoccaro Giovanni; La Scala Massimo; De Caro Fabrizio; Bonfiglio Andrea; Bracco Stefano; Invernizzi Marco; Rossi Mansueto; De Paola Antonio; Thomas Dimitrios; Kotsakis Evangelos; Fulli Gianluca; Villacci Domenico

? Keywords: Co-simulation | Control-in-the-Loop | Frequency Control | Power Hardware-in-the-Loop | Real Time Simulation | Software-in-the-Loop

? Source Id: 21101125262

? Author Ids: 57945789200;6602152775;55375438700;11339101500;7101968133;52263394500;56962766200;57197856138;36607521000;15049159900;6701527755;7403708681;55605029400;57188994200;6508183852;55924499600;6602560464

? Authoraffiliationids: 60012162;60012162;60012162;60012162;60027299;60027299;60027299;60004300;60025153;60025153;60025153;60025153;60103695;60103695;60103695;60103695;60017293

? Corresponding: Benedetto G.

13.

? Title: Load voltage direct tracking of a DC-DC buck-boost converter

? Venue: 2019 21st European Conference on Power Electronics and Applications EPE 2019 Ecce Europe

? Year: 2019

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.23919/Epe.2019.8915197

? Scopus ID: 2-s2.0-85076692568

? Authors: Palmieri Alessandro; Bonfiglio Andrea; Invernizzi Marco; Lanzarotto Damiano; Procopio Renato

? Keywords: Converter control | Non-linear control | Non-minimum phase system | Unstable internal dynamics

? Source Id: 21100939561

? Author Ids: 57201775084;36607521000;6701527755;57195070345;7801615894

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

? Corresponding: Palmieri A.

14.

? Title: Power Management in Islanded Hybrid Diesel-Storage Microgrids

? Venue: Proceedings of 2019 IEEE Pes Innovative Smart Grid Technologies Europe Isgt Europe 2019  
? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 13  
? DOI: 10.1109/ISGTEurope.2019.8905522  
? Scopus ID: 2-s2.0-85075852956  
? Authors: Rosini Alessandro; Bonfiglio Andrea; Invernizzi Marco; Procopio Renato; Serra Pietro  
? Keywords: Diesel Generator | droop control | EMT simulations | Microgrid | Microgrid control  
? Source Id: 21100937400  
? Author Ids: 57204050700;36607521000;6701527755;7801615894;8246669600  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60102057  
? Corresponding: Rosini A.

15.

? Title: An MPC-Based approach for emergency control ensuring transient stability in power grids with steam plants  
? Venue: IEEE Transactions on Industrial Electronics  
? Year: 2019  
? Type: Journal  
? Subtype: Article  
? Citations: 36  
? Doi: 10.1109/Tie.2018.2870384  
? Scopus ID: 2-s2.0-85054200925  
? Issn: 02780046  
? Volume: 66  
? Issue: 7  
? Pages: 5412-5422  
? Authors: Bonfiglio Andrea; Cantoni Federico; Oliveri Alberto; Procopio Renato; Rosini Alessandro; Invernizzi Marco; Storace Marco  
? Keywords: Constrained optimization | Model-predictive control (MPC) | Power system emergency control  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 33, percentile 96)  
? Control and Systems Engineering (Q1, rank 17, percentile 95)  
2019:  
? Control and Systems Engineering (Q1, rank 3, percentile 98)  
? Electrical and Electronic Engineering (Q1, rank 13, percentile 98)  
? Source Id: 26053  
? Author Ids:  
36607521000;57505409900;57200399832;7801615894;57204050700;6701527755;7004134087  
? Authoraffiliationids:  
60025153;60025153-60032170;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bonfiglio A.

16.

? Title: Reactive Power Sharing Analysis in Islanded AC Microgrids  
? Venue: Proceedings 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2019  
? Year: 2019  
? Type: Conference Proceeding



? Subtype: Conference Paper  
? Citations: 18  
? Doi: 10.1109/Eeeic.2019.8783374  
? Scopus ID: 2-s2.0-85070795130  
? Authors: Rosini Alessandro; Minetti Manuela; Denegri Gio Battista; Invernizzi Marco  
? Keywords: Droop control | Inverter control | Microgrid | Primary Control | Reactive Power Sharing  
? Source Id: 21100924363  
? Author Ids: 57204050700;57210474295;7004649825;6701527755  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Rosini A.

17.

? Title: A Sliding Mode Control Approach for Gas Turbine Power Generators  
? Venue: IEEE Transactions on Energy Conversion  
? Year: 2019  
? Type: Journal  
? Subtype: Article  
? Citations: 36  
? Doi: 10.1109/Tec.2018.2879688  
? Scopus ID: 2-s2.0-85056176939  
? Issn: 08858969  
? Volume: 34  
? Issue: 2  
? Pages: 921-932  
? Authors: Bonfiglio Andrea; Cacciacarne Stefano; Invernizzi Marco; Lanzarotto Damiano; Palmieri Alessandro; Procopio Renato  
? Keywords: Feedback linearization | gas turbine | model based control | nonlinear systems | sliding mode  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 62, percentile 93)  
? Energy Engineering and Power Technology (Q1, rank 30, percentile 90)  
2019:  
? Energy Engineering and Power Technology (Q1, rank 13, percentile 94)  
? Electrical and Electronic Engineering (Q1, rank 55, percentile 91)  
? Source Id: 28824  
? Author Ids: 36607521000;57192958598;6701527755;57195070345;57201775084;7801615894  
? Authoraffiliationids: 60025153;60073836;60025153;60025153;60025153;60025153  
? Corresponding: Bonfiglio A.

18.

? Title: Tuning and feasibility analysis of classical first-order MIMO non-linear sliding mode control design for industrial applications  
? Venue: Machines  
? Year: 2019  
? Type: Journal  
? Subtype: Article  
? Citations: 5  
? DOI: 10.3390/machines7010010  
? Scopus ID: 2-s2.0-85067605020  
? eISSN: 20751702  
? Volume: 7  
? Issue: 1  
? Authors: Palmieri Alessandro; Procopio Renato; Bonfiglio Andrea; Brignone Massimo; Invernizzi Marco; Morini Andrea; Veselic' Boban

? Keywords: Nonlinear systems control | Robust control | Sliding mode control |  
Uncertain systems

? Quartile:

2025:

? Control and Optimization (Q1, rank 20, percentile 88)

? Mechanical Engineering (Q1, rank 165, percentile 77)

? Industrial and Manufacturing Engineering (Q2, rank 104, percentile 74)

? Electrical and Electronic Engineering (Q2, rank 256, percentile 74)

? Control and Systems Engineering (Q2, rank 105, percentile 72)

? Computer Science (miscellaneous) (Q2, rank 48, percentile 72)

2019:

? Control and Optimization (Q2, rank 26, percentile 74)

? Industrial and Manufacturing Engineering (Q2, rank 92, percentile 73)

? Computer Science (miscellaneous) (Q2, rank 19, percentile 71)

? Mechanical Engineering (Q2, rank 184, percentile 68)

? Electrical and Electronic Engineering (Q2, rank 247, percentile 63)

? Control and Systems Engineering (Q2, rank 95, percentile 60)

? Source Id: 21100838145

? Author Ids:

57201775084;7801615894;36607521000;8580886100;6701527755;7006658135;6602578334

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60068806

? Corresponding: Palmieri A.

19.

? Title: Design and Implementation of a Variable Synthetic Inertia Controller for Wind  
Turbine Generators

? Venue: IEEE Transactions on Power Systems

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 98

? Doi: 10.1109/Tpwr.2018.2865958

? Scopus ID: 2-s2.0-85059111391

? Issn: 08858950

? Volume: 34

? Issue: 1

? Pages: 754-764

? Authors: Bonfiglio Andrea; Invernizzi Marco; Labella Alessandro; Procopio Renato

? Keywords: Frequency support | renewable generation | synthetic inertia | wind energy

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 36, percentile 96)

? Energy Engineering and Power Technology (Q1, rank 17, percentile 94)

2019:

? Energy Engineering and Power Technology (Q1, rank 7, percentile 96)

? Electrical and Electronic Engineering (Q1, rank 25, percentile 96)

? Source Id: 28825

? Author Ids: 36607521000;6701527755;57114931700;7801615894

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bonfiglio A.

20.

? Title: Some Analytical Remarks on Sliding Mode Control for Multi-Input Multi-Output  
Nonlinear Systems

? Venue: Proceedings 2018 IEEE International Conference on Environment and Electrical  
Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe Eeeic I and

Cps Europe 2018

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Eeeic.2018.8494007

? Scopus ID: 2-s2.0-85056537377

? Authors: Brignone Massimo; Invernizzi Marco; Lanzarotto Damiano; Palmieri Alessandro

? Keywords: control system tuning | MIMO | model based control | nonlinear systems |

Sliding Mode control

? Source Id: 21100885800

? Author Ids: 8580886100;6701527755;57195070345;57201775084

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Brignone M.

21.

? Title: Model Predictive Control Application for the Control of a Grid-Connected Synchronous Generator

? Venue: IEECON 2018 6th International Electrical Engineering Congress

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/IEECON.2018.8712191

? Scopus ID: 2-s2.0-85066604263

? Authors: Bonfiglio Andrea; Invernizzi Marco

? Keywords: Model Predictive Control | Model-based Control Techniques | Power Systems | Synchronous Generator

? Source Id: 21100927296

? Author Ids: 36607521000;6701527755

? Authoraffiliationids: 60025153;60025153

? Corresponding: Bonfiglio A.

22.

? Title: Analysis of lightning effects on power plant connection

? Venue: International Journal of Power and Energy Systems

? Year: 2018

? Type: Journal

? Subtype: Article

? Citations: 4

? DOI: 10.2316/Journal.203.2018.2.203-0011

? Scopus ID: 2-s2.0-85064408962

? Issn: 10783466

? Volume: 38

? Issue: 2

? Pages: 40-49

? Authors: Mestriner Daniele; Invernizzi Marco

? Keywords: Electromagnetic effects | Lightning effects | Power system protection | Switching operation

? Quartile:

2025:

? Applied Mathematics (Q3, rank 446, percentile 33)

? Energy Engineering and Power Technology (Q3, rank 217, percentile 33)

? Electrical and Electronic Engineering (Q3, rank 679, percentile 32)

2018:

? Energy Engineering and Power Technology (Q4, rank 158, percentile 22)

? Electrical and Electronic Engineering (Q4, rank 564, percentile 15)  
? Applied Mathematics (Q4, rank 421, percentile 12)  
? Source Id: 26993  
? Author Ids: 57115575100;6701527755  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Mestriner D.

23.

? Title: Definition of a sliding mode controller accounting for a reduced order model of gas turbine set  
? Venue: 2017 52nd International Universities Power Engineering Conference Upec 2017  
? Year: 2017  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 11  
? Doi: 10.1109/Upec.2017.8231919  
? Scopus ID: 2-s2.0-85046100095  
? Volume: 2017-January  
? Pages: 1-6  
? Authors: Bonfiglio A.; Invernizzi M.; Lanzarotto D.; Palmieri A.; Procopio R.  
? Keywords: power system control | power system modelling | Sliding mode control  
? Source Id: 21100858345  
? Author Ids: 36607521000;6701527755;57195070345;57201775084;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bonfiglio A.

24.

? Title: A methodological approach to assess the impact of smarting action on electricity transmission and distribution networks related to Europe 2020 targets  
? Venue: Energies  
? Year: 2017  
? Type: Journal  
? Subtype: Article  
? Citations: 4  
? DOI: 10.3390/en10020155  
? Scopus ID: 2-s2.0-85016093937  
? eISSN: 19961073  
? Volume: 10  
? Issue: 2  
? Authors: Bonfiglio Andrea; Delfino Federico; Invernizzi Marco; Procopio Renato  
? Keywords: Electricity transmission and distribution | Energy efficiency | Environmental impact | Power systems | Renewable generation integration  
? 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)  
2017:  
? Control and Optimization (Q1, rank 18, percentile 80)  
? Energy Engineering and Power Technology (Q2, rank 55, percentile 73)  
? Electrical and Electronic Engineering (Q2, rank 202, percentile 69)  
? Energy (miscellaneous) (Q2, rank 7, percentile 63)

- ? Renewable Energy, Sustainability and the Environment (Q2, rank 67, percentile 55)  
 ? Source Id: 62932  
 ? Author Ids: 36607521000;6603766602;6701527755;7801615894  
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153  
 ? Corresponding: Bonfiglio A.
- 25.
- ? Title: Modeling and maximum power point tracking control of wind generating units equipped with permanent magnet synchronous generators in presence of losses  
 ? Venue: Energies  
 ? Year: 2017  
 ? Type: Journal  
 ? Subtype: Article  
 ? Citations: 27  
 ? DOI: 10.3390/en10010102  
 ? Scopus ID: 2-s2.0-85016094945  
 ? eISSN: 19961073  
 ? Volume: 10  
 ? Issue: 1  
 ? Authors: Bonfiglio Andrea; Delfino Federico; Invernizzi Marco; Procopio Renato  
 ? Keywords: Power systems modeling | Renewable power generation | Wind power  
 ? 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)  
 2017:  
 ? Control and Optimization (Q1, rank 18, percentile 80)  
 ? Energy Engineering and Power Technology (Q2, rank 55, percentile 73)  
 ? Electrical and Electronic Engineering (Q2, rank 202, percentile 69)  
 ? Energy (miscellaneous) (Q2, rank 7, percentile 63)  
 ? Renewable Energy, Sustainability and the Environment (Q2, rank 67, percentile 55)  
 ? Source Id: 62932  
 ? Author Ids: 36607521000;6603766602;6701527755;7801615894  
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153  
 ? Corresponding: Bonfiglio A.
- 26.
- ? Title: A Simplified Microgrid Model for the Validation of Islanded Control Logics  
 ? Venue: Energies  
 ? Year: 2017  
 ? Type: Journal  
 ? Subtype: Article  
 ? Citations: 30  
 ? DOI: 10.3390/en10081141  
 ? Scopus ID: 2-s2.0-85034814451  
 ? eISSN: 19961073  
 ? Volume: 10  
 ? Issue: 8  
 ? Authors: Bonfiglio Andrea; Brignone Massimo; Invernizzi Marco; Labella Alessandro; Mestriner Daniele; Procopio Renato  
 ? Keywords: Distribute control | Droop control | Islanded microgrid | Microgrid |

Microgrid model | Microgrid simulation | Storage characterization

? 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)

2017:

- ? Control and Optimization (Q1, rank 18, percentile 80)
- ? Energy Engineering and Power Technology (Q2, rank 55, percentile 73)
- ? Electrical and Electronic Engineering (Q2, rank 202, percentile 69)
- ? Energy (miscellaneous) (Q2, rank 7, percentile 63)
- ? Renewable Energy, Sustainability and the Environment (Q2, rank 67, percentile 55)

? Source Id: 62932

? Author Ids: 36607521000;8580886100;6701527755;57114931700;57115575100;7801615894

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

? Corresponding: Bonfiglio A.

27.

? Title: Gas turbine generating units control via feedback linearization approach

? Venue: Energy

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 45

? DOI: 10.1016/j.energy.2017.01.048

? Scopus ID: 2-s2.0-85009480817

? Issn: 03605442

? Volume: 121

? Pages: 491-512

? Authors: Bonfiglio A.; Cacciabarone S.; Invernizzi M.; Procopio R.; Schiano S.; Torre I.

? Keywords: Energy power generation | Feedback linearization | Gas cycles | Non-linear control techniques | Power systems

? Quartile:

2025:

- ? Modeling and Simulation (Q1, rank 4, percentile 99)
- ? Civil and Structural Engineering (Q1, rank 7, percentile 98)
- ? Mechanical Engineering (Q1, rank 19, percentile 97)
- ? Building and Construction (Q1, rank 7, percentile 97)
- ? Management, Monitoring, Policy and Law (Q1, rank 13, percentile 96)
- ? Electrical and Electronic Engineering (Q1, rank 34, percentile 96)
- ? Energy Engineering and Power Technology (Q1, rank 16, percentile 95)
- ? Pollution (Q1, rank 10, percentile 94)
- ? Industrial and Manufacturing Engineering (Q1, rank 23, percentile 94)
- ? Fuel Technology (Q1, rank 10, percentile 93)
- ? Energy (all) (Q1, rank 7, percentile 91)
- ? Renewable Energy, Sustainability and the Environment (Q1, rank 32, percentile 89)

2017:

- ? Civil and Structural Engineering (Q1, rank 4, percentile 98)
- ? Building and Construction (Q1, rank 5, percentile 97)
- ? Industrial and Manufacturing Engineering (Q1, rank 10, percentile 97)

? Mechanical Engineering (Q1, rank 18, percentile 96)  
? Electrical and Electronic Engineering (Q1, rank 44, percentile 93)  
? Pollution (Q1, rank 8, percentile 92)  
? Source Id: 29348  
? Author Ids: 36607521000;57192958598;6701527755;7801615894;57192960415;57192961419  
? Authoraffiliationids: 60025153;60073836;60025153;60025153;60073836;60073836  
? Corresponding: Bonfiglio A.

28.

? Title: Approximate characterization of large Photovoltaic power plants at the Point of Interconnection  
? Venue: Proceedings of the Universities Power Engineering Conference  
? Year: 2015  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 23  
? Doi: 10.1109/Upec.2015.7339789  
? Scopus ID: 2-s2.0-84958092976  
? Volume: 2015-November  
? Authors: Bonfiglio A.; Delfino F.; Invernizzi M.; Labella A.; Mestriner D.; Procopio R.; Serra P.  
? Keywords: Photovoltaic Power Plants | Renewable integration  
? Source Id: 69722  
? Author Ids:  
36607521000;6603766602;6701527755;57114931700;57115575100;7801615894;8246669600  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60102057  
? Corresponding: Bonfiglio A.

29.

? Title: An approximate methodology to verify the compliance of large photovoltaic power plants to system operator steady-state requirements  
? Venue: Electric Power Systems Research  
? Year: 2015  
? Type: Journal  
? Subtype: Article  
? Citations: 9  
? DOI: 10.1016/j.epsr.2015.05.015  
? Scopus ID: 2-s2.0-84930945444  
? Issn: 03787796  
? Volume: 127  
? Pages: 80-92  
? Authors: Bonfiglio Andrea; Delfino Federico; Invernizzi Marco; Procopio Renato; Serra Pietro  
? Keywords: Photovoltaic power plants | Power plant equivalencing | Renewable generation | Renewable generation integration | Solar energy integration | System operator requirements  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 126, percentile 87)  
? Energy Engineering and Power Technology (Q1, rank 60, percentile 81)  
2015:  
? Energy Engineering and Power Technology (Q1, rank 22, percentile 88)  
? Electrical and Electronic Engineering (Q1, rank 110, percentile 83)  
? Source Id: 16044  
? Author Ids: 36607521000;6603766602;6701527755;7801615894;8246669600  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60102057

- ? Corresponding: Bonfiglio A.
- 30.
- ? Title: Criteria for the equivalent modeling of large photovoltaic power plants
- ? Venue: IEEE Power and Energy Society General Meeting
- ? Year: 2014
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 32
- ? Doi: 10.1109/Pesgm.2014.6939183
- ? Scopus ID: 2-s2.0-84930947710
- ? Issn: 19449925
- ? eISSN: 19449933
- ? Volume: 2014-October
- ? Issue: October
- ? Authors: Bonfiglio A.; Delfino F.; Invernizzi M.; Procopio R.; Serra P.
- ? Keywords: Photovoltaic power plants | Renewables
- ? Quartile:
- 2025:
- ? Electrical and Electronic Engineering (Q3, rank 622, percentile 37)
- ? Nuclear Energy and Engineering (Q3, rank 53, percentile 37)
- ? Energy Engineering and Power Technology (Q3, rank 208, percentile 36)
- ? Renewable Energy, Sustainability and the Environment (Q3, rank 232, percentile 25)
- ? Source Id: 20600195623
- ? Author Ids: 36607521000;6603766602;6701527755;7801615894;8246669600
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60102057
- ? Corresponding: Bonfiglio A.
- 31.
- ? Title: Improving power grids transient stability via Model Predictive Control
- ? Venue: Proceedings 2014 Power Systems Computation Conference Psc 2014
- ? Year: 2014
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 27
- ? Doi: 10.1109/Psc.2014.7038364
- ? Scopus ID: 2-s2.0-84946687291
- ? Authors: Bonfiglio A.; Oliveri A.; Procopio R.; Delfino F.; Denegri G. B.; Invernizzi M.; Storace M.
- ? Keywords: emergency control | load shedding | MPC | stability
- ? Source Id: 21100377750
- ? Author Ids:
- 36607521000;57200399832;7801615894;6603766602;7004649825;6701527755;7004134087
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Bonfiglio A.
- 32.
- ? Title: A set of KPIs to quantify environmental & technical benefits of renewing actions on transmission grids
- ? Venue: 2013 IEEE Grenoble Conference Powertech Powertech 2013
- ? Year: 2013
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 0
- ? Doi: 10.1109/Ptc.2013.6652233
- ? Scopus ID: 2-s2.0-84890867435
- ? Authors: Bonfiglio A.; Delfino F.; Denegri G. B.; Invernizzi M.; Procopio R.; Amann



G.; Bessede J. L.; Charnah R.; Luxa A.; Margarone M.; Monizza G.

? Keywords: energy resources | power distribution | power quality | power systems modelling | Power transmission

? Source Id: 21100276223

? Author Ids: 36607521000;6603766602;7004649825;6701527755;7801615894;36650448700;55903266900;6507942866;57205084075;57213411081;8968415000

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;109690794;109690794;109690794;109690794;109690794

? Corresponding: Bonfiglio A.

33.

? Title: Definition and validation of key performance indicators to assess the effectiveness of "smarting actions" on a distribution network

? Venue: Iet Conference Publications

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? DOI: 10.1049/cp.2013.1262

? Scopus ID: 2-s2.0-84897680992

? Volume: 2013

? Issue: 615 Cp

? Authors: Bonfiglio Andrea; Delfino Federico; Denegri Gio Battista; Invernizzi Marco; Procopio Renato

? Source Id: 5400152619

? Author Ids: 36607521000;6603766602;7004649825;6701527755;7801615894

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

? Corresponding: Bonfiglio A.

34.

? Title: The smart microgrid pilot project of the University of Genoa: Power and communication architectures

? Venue: Aeit Annual Conference 2013 Innovation and Scientific and Technical Culture for Development Aeit 2013 Selected Proceedings Papers

? Year: 2013

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? DOI: 10.1109/aeit.2013.6666794

? Scopus ID: 2-s2.0-84893384882

? Authors: Bonfiglio A.; Barillari L.; Delfino F.; Pampararo F.; Procopio R.; Rossi M.; Invernizzi M.; Denegri G. B.; Bracco S.

? Keywords: Energy management system | integration of private microgrids into public distribution networks | Smart grid

? Source Id: 21101015978

? Author Ids: 36607521000;55568698600;6603766602;36782697700;7801615894;7403708681;6701527755;7004649825;15049159900

? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153

? Corresponding: Bonfiglio A.

35.

? Title: Power system compensation and management strategies to meet EU 2020 climate&energygoals

? Venue: IEEE Power and Energy Society General Meeting

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1109/Pesgm.2012.6345083  
? Scopus ID: 2-s2.0-84870607154  
? Issn: 19449925  
? eISSN: 19449933  
? Authors: Bonfiglio A.; Delfino F.; Invernizzi M.; Pampararo F.; Peveri G.; Procopio R.  
? Keywords: energy resources | power distribution | power quality | power systems harmonics | power systems modeling | Power transmission  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 622, percentile 37)  
? Nuclear Energy and Engineering (Q3, rank 53, percentile 37)  
? Energy Engineering and Power Technology (Q3, rank 208, percentile 36)  
? Renewable Energy, Sustainability and the Environment (Q3, rank 232, percentile 25)  
? Source Id: 20600195623  
? Author Ids: 36607521000;6603766602;6701527755;36782697700;55512262200;7801615894  
? Corresponding: Bonfiglio A.

36.

? Title: A technique for the optimal control and operation of grid-connected photovoltaic production units  
? Venue: Proceedings of the Universities Power Engineering Conference  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 26  
? Doi: 10.1109/Upec.2012.6398657  
? Scopus ID: 2-s2.0-84872875108  
? Authors: Bonfiglio A.; Brignone M.; Delfino F.; Invernizzi M.; Pampararo F.; Procopio R.  
? Keywords: Feedback Linearization | Generated Distribution | Losses Reduction | Photovoltaic Power | PWM Inverter Control | Voltage Profile | Voltage Support  
? Source Id: 69722  
? Author Ids: 36607521000;8580886100;6603766602;6701527755;36782697700;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bonfiglio A.

37.

? Title: A feedback linearization scheme for the control of synchronous generators  
? Venue: Electric Power Components and Systems  
? Year: 2012  
? Type: Journal  
? Subtype: Article  
? Citations: 33  
? Doi: 10.1080/15325008.2012.722581  
? Scopus ID: 2-s2.0-84869847548  
? Issn: 15325008  
? eISSN: 15325016  
? Volume: 40  
? Issue: 16  
? Pages: 1842-1869  
? Authors: Bonfiglio Andrea; Delfino Federico; Invernizzi Marco; Perfumo Adriano; Procopio Renato  
? Keywords: feedback linearization | synchronous generators | voltage and power control

? Quartile:

2025:

? Mechanical Engineering (Q2, rank 221, percentile 69)

? Electrical and Electronic Engineering (Q2, rank 305, percentile 69)

? Energy Engineering and Power Technology (Q2, rank 113, percentile 65)

2012:

? Energy Engineering and Power Technology (Q2, rank 50, percentile 69)

? Mechanical Engineering (Q2, rank 165, percentile 67)

? Electrical and Electronic Engineering (Q2, rank 272, percentile 55)

? Source Id: 16031

? Author Ids: 36607521000;6603766602;6701527755;36617661500;7801615894

? Authoraffiliationids: 60025153;60025153;60025153;113212708;60025153

? Corresponding: Bonfiglio A.

38.

? Title: A synchronous generator circuital model for internal fault analysis and protection system design

? Venue: International Transactions on Electrical Energy Systems

? Year: 2012

? Type: Journal

? Subtype: Article

? Citations: 3

? DOI: 10.1002/etep.1719

? Scopus ID: 2-s2.0-84884771047

? eISSN: 20507038

? Volume: 23

? Issue: 6

? Pages: 876-900

? Authors: Delfino F.; Denegri G. B.; Invernizzi M.; Pampararo F.; Procopio R.

? Keywords: Circuit modeling | Fault diagnosis | Synchronous generators

? Quartile:

2025:

? Modeling and Simulation (Q1, rank 41, percentile 89)

? Electrical and Electronic Engineering (Q1, rank 200, percentile 80)

? Energy Engineering and Power Technology (Q1, rank 82, percentile 75)

2012:

? Energy Engineering and Power Technology (Q2, rank 51, percentile 68)

? Electrical and Electronic Engineering (Q2, rank 273, percentile 55)

? Modeling and Simulation (Q2, rank 100, percentile 51)

? Source Id: 21100241220

? Author Ids: 6603766602;7004649825;6701527755;36782697700;7801615894

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

? Corresponding: Delfino F.

39.

? Title: Feedback linearisation oriented approach to Q-V control of grid connected photovoltaic units

? Venue: Iet Renewable Power Generation

? Year: 2012

? Type: Journal

? Subtype: Article

? Citations: 33

? DOI: 10.1049/iet-rpg.2011.0075

? Scopus ID: 2-s2.0-84878375869

? Issn: 17521416

? eISSN: 17521424

? Volume: 6  
? Issue: 5  
? Pages: 324-339  
? Authors: Delfino F.; Denegri G. B.; Invernizzi M.; Procopio R.  
? Quartile:  
2025:  
? Renewable Energy, Sustainability and the Environment (Q2, rank 120, percentile 61)  
2012:  
? Renewable Energy, Sustainability and the Environment (Q1, rank 7, percentile 93)  
? Source Id: 5600152809  
? Author Ids: 6603766602;7004649825;6701527755;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino F.

40.

? Title: Quantification of the environmental benefits provided by the application of state-of-the-art technologies to T&D grids  
? Venue: Cigre 2011 Bologna Symposium the Electric Power System of the Future Integrating Supergrids and Microgrids  
? Year: 2011  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Scopus ID: 2-s2.0-84877298988  
? Authors: Bonfiglio A.; Delfino F.; Denegri G. B.; Invernizzi M.; Pampararo F.; Procopio R.  
? Keywords: CO2 emission reduction | Network losses | Renewable energy integration | Smart grids  
? Source Id: 21100239401  
? Author Ids: 36607521000;6603766602;7004649825;6701527755;36782697700;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bonfiglio A.

41.

? Title: A control algorithm for the maximum power point tracking and the reactive power injection from grid-connected PV systems  
? Venue: IEEE Pes General Meeting Pes 2010  
? Year: 2010  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 13  
? Doi: 10.1109/Pes.2010.5590213  
? Scopus ID: 2-s2.0-78649569121  
? Authors: Delfino Federico; Denegri Gio Battista; Invernizzi Marco; Procopio Renato  
? Keywords: Nonlinear systems | Photovoltaic power system | Power system modeling | Reactive power control | Voltage control  
? Source Id: 19700182646  
? Author Ids: 6603766602;7004649825;6701527755;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino F.

42.

? Title: A methodology to quantify the impact of a renewed T&D infrastructure on EU 2020 goals  
? Venue: IEEE Pes General Meeting Pes 2010  
? Year: 2010  
? Type: Conference Proceeding

? Subtype: Conference Paper  
 ? Citations: 9  
 ? Doi: 10.1109/Pes.2010.5589502  
 ? Scopus ID: 2-s2.0-78649553544  
 ? Authors: Delfino Federico; Denegri Gio Battista; Invernizzi Marco; Amann Guillermo; Bessède Jean Luc; Luxa Andreas H.; Monizza Giuliano  
 ? Keywords: Energy resources | Power distribution | Power quality | Power systems harmonics | Power systems modeling | Power transmission  
 ? Source Id: 19700182646  
 ? Author Ids:  
 6603766602;7004649825;6701527755;36650448700;55903266900;57205084075;8968415000  
 ? Authoraffiliationids:  
 60025153;60025153;60025153;109690794;109690794;109690794;109690794  
 ? Corresponding: Delfino F.

43.

? Title: Modeling and control of DDPM wind generators  
 ? Venue: Proceedings of the Universities Power Engineering Conference  
 ? Year: 2010  
 ? Type: Conference Proceeding  
 ? Subtype: Conference Paper  
 ? Citations: 1  
 ? Scopus ID: 2-s2.0-78651467585  
 ? Authors: Delfino F.; Denegri G. B.; Invernizzi M.; Pampararo F.; Procopio R.; Rossi M.  
 ? Keywords: Direct drive | Feedback linearization | Permanent magnet synchronous generator | Wind power  
 ? Source Id: 69722  
 ? Author Ids: 6603766602;7004649825;6701527755;36782697700;7801615894;7403708681  
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
 ? Corresponding: Delfino F.

44.

? Title: A P-Q capability chart approach to characterize grid connected PV-units  
 ? Venue: 2009 Cigre Eee Pes Joint Symposium Integration of Wide Scale Renewable Resources into the Power Delivery System  
 ? Year: 2009  
 ? Type: Conference Proceeding  
 ? Subtype: Conference Paper  
 ? Citations: 9  
 ? Scopus ID: 2-s2.0-84877328048  
 ? Authors: Delfino F.; Denegri G. B.; Invernizzi M.; Procopio R.; Ronda G.  
 ? Keywords: Ancillary services | Grid-connected PV units | Renewable in distribution systems  
 ? Source Id: 21100239607  
 ? Author Ids: 6603766602;7004649825;6701527755;7801615894;35189588800  
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
 ? Corresponding: Delfino F.

45.

? Title: An advanced nonlinear control technique for grid connected generating units - Part I: Theory  
 ? Venue: Proceedings of the 9th Wseas lasme International Conference on Electric Power Systems High Voltages Electric Machines Power 09  
 ? Year: 2009  
 ? Type: Conference Proceeding  
 ? Subtype: Conference Paper

- ? Citations: 2  
? Scopus ID: 2-s2.0-78149314276  
? Pages: 140-146  
? Authors: Bonfiglio A.; Delfino F.; Denegri G. B.; Invernizzi M.; Perfumo A.; Procopio R.  
? Keywords: Feedback linearization | Synchronous generator | Voltage and power control  
? Source Id: 19700182242  
? Author Ids: 36607521000;6603766602;7004649825;6701527755;36617661500;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bonfiglio A.
46.  
? Title: An advanced nonlinear control technique for grid connected generating units - Part II: Simulations  
? Venue: Proceedings of the 9th Wseas lasme International Conference on Electric Power Systems High Voltages Electric Machines Power 09  
? Year: 2009  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-78149300937  
? Pages: 147-152  
? Authors: Bonfiglio A.; Delfino F.; Denegri G. B.; Invernizzi M.; Perfumo A.; Procopio R.  
? Keywords: Feedback linearization | Synchronous generator | Voltage and power control  
? Source Id: 19700182242  
? Author Ids: 36607521000;6603766602;7004649825;6701527755;36617661500;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bonfiglio A.
47.  
? Title: A P-Q capability chart approach to characterize grid connected PV-units  
? Venue: 2009 Cigre IEEE Pes Joint Symposium Integration of Wide Scale Renewable Resources into the Power Delivery System Cigre Pes 2009  
? Year: 2009  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Scopus ID: 2-s2.0-70449331635  
? Authors: Delfino F.; Denegri G. B.; Invernizzi M.; Procopio R.; Ronda G.  
? Keywords: Ancillary services | Grid-connected PV units | Renewable in distribution systems  
? Source Id: 19400158340  
? Author Ids: 6603766602;7004649825;6701527755;7801615894;35189588800  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Delfino F.
48.  
? Title: An extended modeling of synchronous generators for internal fault evaluation and protection assessment  
? Venue: 42nd International Conference on Large High Voltage Electric Systems 2008 Cigre 2008  
? Year: 2008  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-84876772459

? Authors: Denegri G. B.; Invernizzi M.; MacCio G.; Procopio R.; Reggio U.  
? Keywords: Flux | Fortescue components | Generator | Short-circuit | Turn  
? Source Id: 21100238652  
? Author Ids: 7004649825;6701527755;6508333746;7801615894;6506491316  
? Authoraffiliationids: 60025153;60025153;60073836;60025153;60073836  
? Corresponding: Denegri G.

49.

? Title: Performance and control of photovoltaic systems supplying both primary and ancillary services  
? Venue: Proceedings of the Universities Power Engineering Conference  
? Year: 2008  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1109/Upec.2008.4651484  
? Scopus ID: 2-s2.0-68949201616  
? Authors: Delfino Federico; Denegri Gio Battista; Invernizzi Marco; Procopio Renato  
? Source Id: 69722  
? Author Ids: 6603766602;7004649825;6701527755;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino F.

50.

? Title: An integrated active and reactive power control scheme for grid-connected photovoltaic production systems  
? Venue: PESC Record IEEE Annual Power Electronics Specialists Conference  
? Year: 2008  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 34  
? Doi: 10.1109/Pesc.2008.4592142  
? Scopus ID: 2-s2.0-52349108362  
? Issn: 02759306  
? Pages: 1463-1468  
? Authors: Delfino F.; Denegri G. B.; Invernizzi M.; Procopio R.  
? Source Id: 29048  
? Author Ids: 6603766602;7004649825;6701527755;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino F.

51.

? Title: The use of a static series compensator (SSC) for the mitigation of voltage sags in a radial distribution network  
? Venue: 2007 IEEE Lausanne Powertech Proceedings  
? Year: 2007  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1109/Pct.2007.4538536  
? Scopus ID: 2-s2.0-50949115460  
? Pages: 1492-1497  
? Authors: Delfino Federico; Denegri Gio Battista; Invernizzi Marco; Procopio Renato  
? Keywords: Custom power | Power quality | Voltage sags  
? Source Id: 12100155509  
? Author Ids: 6603766602;7004649825;6701527755;7801615894  
? Authoraffiliationids: 60000251-60025153;60025153;60025153;60000251-60025153

? Corresponding: Delfino F.

52.

? Title: Classification, evaluation and acquisition criteria of recovery resources to provide ancillary services in power system restoration

? Venue: 2005 IEEE Russia Power Tech Powertech

? Year: 2005

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 6

? Doi: 10.1109/Ptc.2005.4524672

? Scopus ID: 2-s2.0-51549110775

? Authors: Bonvini B.; Denegri G. B.; Invernizzi M.; Serra P.; Cirio D.; Pozzi M.; Salvetti M.

? Keywords: Ancillary services | Cost-benefit economic evaluation | Recovery resources | Restoration strategy | Unsupplied energy

? Source Id: 12100156719

? Author Ids:

60067693400;7004649825;6701527755;8246669600;6504625684;7007025577;59063803500

? Authoraffiliationids: ;;60025153;;;60083358

? Corresponding: Bonvini B.

53.

? Title: Technical economical oriented procedure for restoration resources purchasing

? Venue: 2005 International Conference on Future Power Systems

? Year: 2005

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-33847222714

? Volume: 2005

? Authors: Bonvini B.; Denegri G. B.; Invernizzi M.

? Keywords: Ancillary services | Power system restoration | Recovery entities | Unsupplied energy

? Source Id: 5200153039

? Author Ids: 60067693400;7004649825;6701527755

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Bonvini B.

54.

? Title: Voltage stability constrained OPF market models considering N - 1 contingency criteria

? Venue: Electric Power Systems Research

? Year: 2005

? Type: Journal

? Subtype: Article

? Citations: 57

? DOI: 10.1016/j.epsr.2004.07.012

? Scopus ID: 2-s2.0-13844298010

? Issn: 03787796

? Volume: 74

? Issue: 1

? Pages: 27-36

? Authors: Milano Federico; Cañizares Claudio A.; Invernizzi Marco

? Keywords: Available transfer capability | Electricity markets | N-1 contingency criterion | Optimal power flow | Transmission congestion

? Quartile:



2025:

? Electrical and Electronic Engineering (Q1, rank 126, percentile 87)

? Energy Engineering and Power Technology (Q1, rank 60, percentile 81)

? Source Id: 16044

? Author Ids: 7003599876;7005168966;6701527755

? Authoraffiliationids: 60000823;60014171;60025153

? Corresponding: Milano F.

55.

? Title: Hierarchical network sectionalizing to improve present defense plans

? Venue: 2004 Large Engineering Systems Conference on Power Engineering Conference Proceedings Theme Energy for the Day After Tomorrow

? Year: 2004

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-14344257888

? Pages: 113-117

? Authors: Denegri Gio Battista; Invernizzi Marco; Serra Pietro

? Keywords: Emergency control | Load shedding | System islanding | System protection schemes

? Source Id: 145030

? Author Ids: 7004649825;6701527755;8246669600

? Authoraffiliationids: 60025153;60025153;

? Corresponding: Denegri G.

56.

? Title: Perturbation identification via voltage phasor monitoring in Transmission Systems

? Venue: 2003 IEEE Bologna Powertech Conference Proceedings

? Year: 2003

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 7

? Doi: 10.1109/Ptc.2003.1304468

? Scopus ID: 2-s2.0-80052863806

? Volume: 3

? Pages: 698-705

? Authors: Denegri G. B.; Invernizzi M.; Serra P.

? Keywords: DCLF | Emergency Control | FDLF | Network Sensitivity | PMU | SCAD A

? Source Id: 21100202741

? Author Ids: 7004649825;6701527755;8246669600

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Denegri G.

57.

? Title: Multiobjective optimization for pricing system security in electricity markets

? Venue: IEEE Transactions on Power Systems

? Year: 2003

? Type: Journal

? Subtype: Article

? Citations: 165

? Doi: 10.1109/Tpwrs.2003.810897

? Scopus ID: 2-s2.0-0037505563

? Issn: 08858950

? Volume: 18

? Issue: 2

? Pages: 596-604  
? Authors: Milano Federico; Caizares Claudio A.; Invernizzi Marco  
? Keywords: Electricity markets | Locational marginal prices | Maximum loadability | Multi-objective optimization | Security  
? 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: 7003599876;7005168966;6701527755  
? Authoraffiliationids: 60025153;60014171;60025153  
? Corresponding: Milano F.

58.

? Title: Steam power plant re-powering to provide black-start ancillary service and speed up power system restoration  
? Venue: 2003 IEEE Bologna Powertech Conference Proceedings  
? Year: 2003  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1109/Ptc.2003.1304728  
? Scopus ID: 2-s2.0-84861495196  
? Volume: 4  
? Pages: 8-15  
? Authors: Delfino B.; Denegri G. B.; Invernizzi M.  
? Keywords: Gas turbines | Power system modeling | Power system restoration | Power system simulation and thermal power generation  
? Source Id: 21100496130  
? Author Ids: 7003935351;7004649825;6701527755  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Delfino B.

59.

? Title: A security oriented approach to PMU positioning for advanced monitoring of a transmission grid  
? Venue: Powercon 2002 2002 International Conference on Power System Technology Proceedings  
? Year: 2002  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 73  
? Doi: 10.1109/lcpst.2002.1047509  
? Scopus ID: 2-s2.0-84969822915  
? Volume: 2  
? Pages: 798-803  
? Authors: Denegri G. B.; Invernizzi M.; Milano F.; Fiorina M.; Scarpellini P.  
? Keywords: Linear static state estimation | minimum spanning tree | N-1 security criterion | observability | phasor measurement units | security criteria  
? Source Id: 21100463071  
? Author Ids: 7004649825;6701527755;7003599876;55229702200;7003940022  
? Authoraffiliationids: 60025153;60025153;60025153;60083358;  
? Corresponding: Denegri G.B.

60.

? Title: Synthesis of an equivalent dynamic model for load areas with LTC transformers  
? Venue: Proceedings of the IEEE Power Engineering Society Transmission and

Distribution Conference

? Year: 2001

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Scopus ID: 2-s2.0-0035686780

? Volume: 2

? Pages: 641-646

? Authors: Denegri Gio Battista; Invernizzi Marco; Milano Federico

? Keywords: Load modelling | LTC transformer | Nodal and modal reduction | Sub-transmission area

? Quartile:

2025:

? Electrical and Electronic Engineering (Q3, rank 670, percentile 32)

? Source Id: 87075

? Author Ids: 7004649825;6701527755;7003599876

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Denegri G.

61.

? Title: Voltage regulation issues in a deregulated environment

? Venue: Proceedings of the IEEE Power Engineering Society Transmission and Distribution Conference

? Year: 2001

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-0035684113

? Volume: 1

? Pages: 264-269

? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Massucco S.

? Keywords: Ancillary Services | Open Access | Voltage Regulation

? Quartile:

2025:

? Electrical and Electronic Engineering (Q3, rank 670, percentile 32)

? Source Id: 87075

? Author Ids: 7003935351;7004649825;6701527755;6603357712

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Delfino B.

62.

? Title: Black-start and restoration of a part of the italian hv network: Modelling and simulation of a field test

? Venue: Power System Restoration Methodologies and Implementation Strategies

? Year: 2000

? Type: Book

? Subtype: Book Chapter

? Citations: 0

? DOI: 10.1109/9780470545607.ch56

? Scopus ID: 2-s2.0-85036516774

? Pages: 415-423

? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Morini A.; Cima Bonini E.; Marconato R.; Scarpellini P.

? Keywords: Computer Modelling | Power System Restoration | Simulation

? Source Id: 21100840911

? Author Ids:

7003935351;7004649825;6701527755;7006658135;6504232698;7003817766;7003940022  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60027994;60027994;60027994  
? Corresponding: Delfino B.

63.

? Title: Dynamic index assessment for voltage stability in electric power systems  
? Venue: Powercon 2000 2000 International Conference on Power System Technology Proceedings  
? Year: 2000  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1109/lcpst.2000.900090  
? Scopus ID: 2-s2.0-84890849809  
? Volume: 1  
? Pages: 397-402  
? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Milano F.  
? Keywords: Bifurcation theory | Jacobian matrices | Load flow analysis | Power system dynamic stability | Voltage control  
? Source Id: 21100463071  
? Author Ids: 7003935351;7004649825;6701527755;7003599876  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino B.

64.

? Title: Providing competitive ancillary services through efficient market structures  
? Venue: International Conference on Electric Power Engineering Powertech Budapest 1999  
? Year: 1999  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Doi: 10.1109/Ptc.1999.826589  
? Scopus ID: 2-s2.0-84861402558  
? Pages: 158  
? Authors: Bonvini B.; Denegri G. B.; Invernizzi M.; Scarpellini P.  
? Keywords: Ancillary services | Balancing markets | Frequency regulation | Spinning reserve | Valuation techniques  
? Source Id: 21100849701  
? Author Ids: 60067693400;7004649825;6701527755;7003940022  
? Authoraffiliationids: 60025153;60025153;60025153;60027994  
? Corresponding: Bonvini B.

65.

? Title: Dynamic equivalents of tap-changing-under-load transformers in a transmission system  
? Venue: IEE Proceedings Generation Transmission and Distribution  
? Year: 1999  
? Type: Journal  
? Subtype: Article  
? Citations: 6  
? DOI: 10.1049/ip-gtd:19990040  
? Scopus ID: 2-s2.0-0032629067  
? Issn: 13502360  
? Volume: 146  
? Issue: 1  
? Pages: 45-52  
? Authors: Aresi R.; Delfino B.; Denegri G. B.; Invernizzi M.; Massucco S.

? Source Id: 17415  
? Author Ids: 6506633182;7003935351;7004649825;6701527755;6603357712  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Aresi R.

66.

? Title: Security and economic efficiency of electric power systems in open market  
? Venue: Energia Elettrica  
? Year: 1998  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Scopus ID: 2-s2.0-77950044762  
? Issn: 00137308  
? Volume: 75  
? Issue: 3  
? Pages: 160-169  
? Authors: Bonvini Barbara; Delfino Bruno; Denegri Gio Battista; Invernizzi Marco; Massucco Stefano; Scarpellini Pierangelo  
? Quartile:  
2025:  
? Energy Engineering and Power Technology (Q4, rank 302, percentile 7)  
? Electrical and Electronic Engineering (Q4, rank 946, percentile 5)  
? Civil and Structural Engineering (Q4, rank 407, percentile 2)  
? Source Id: 16662  
? Author Ids: 60067693400;7003935351;7004649825;6701527755;6603357712;7003940022  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60027994  
? Corresponding: Bonvini B.

67.

? Title: Enhanced economic dispatching in competitive electricity market by optimal location and setting of angle compensation devices  
? Venue: Powercon 1998 1998 International Conference on Power System Technology Proceedings  
? Year: 1998  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1109/lcpst.1998.729053  
? Scopus ID: 2-s2.0-16244392357  
? Volume: 1  
? Pages: 688-693  
? Authors: Bonvini B.; Denegri G. B.; Invernizzi M.; Massucco S.  
? Keywords: brokerage system | deregulated power system | economic dispatching | phase shifter | transmission control  
? Source Id: 21100865533  
? Author Ids: 60067693400;7004649825;6701527755;6603357712  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bonvini B.

68.

? Title: Restoration of fossil power plants through hydro units field tests and simulations  
? Venue: Energia Elettrica  
? Year: 1997  
? Type: Journal  
? Subtype: Article

? Citations: 0  
? Scopus ID: 2-s2.0-71249120498  
? Issn: 00137308  
? Volume: 74  
? Issue: 1  
? Pages: 29-83  
? Authors: Cima Eugenio Bonini; Costa Giorgio; Cuccia Paolo; Delfino Bruno; Denegri Gio Battista; Invernizzi Marco; Marconato Roberto; Scarpellini Pierangelo  
? Quartile:  
2025:  
? Energy Engineering and Power Technology (Q4, rank 302, percentile 7)  
? Electrical and Electronic Engineering (Q4, rank 946, percentile 5)  
? Civil and Structural Engineering (Q4, rank 407, percentile 2)  
? Source Id: 16662  
? Author Ids: 35197878400;35197763700;55611500000;7003935351;7004649825;6701527755;7003817766;7003940022  
? Authoraffiliationids:  
60027994;60027994;60027994;60025153;60025153;60025153;60027994;60027994  
? Corresponding: Cima E.B.

69.

? Title: Voltage stability of power systems: links between static and dynamic approaches  
? Venue: Proceedings of the Mediterranean Electrotechnical Conference MELECON  
? Year: 1996  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Scopus ID: 2-s2.0-0030369177  
? Volume: 2  
? Pages: 854-858  
? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Morini A.  
? Source Id: 57064  
? Author Ids: 7003935351;7004649825;6701527755;7006658135  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino B.

70.

? Title: Black-start and restoration of a part of the italian hv network: modelling and simulation of a field test  
? Venue: IEEE Transactions on Power Systems  
? Year: 1996  
? Type: Journal  
? Subtype: Article  
? Citations: 72  
? Doi: 10.1109/59.535677  
? Scopus ID: 2-s2.0-0030216984  
? Issn: 08858950  
? Volume: 11  
? Issue: 3  
? Pages: 1371-1379  
? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Morini A.  
? Keywords: Computer modelling and simulation | Power system restoration  
? 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: 7003935351;7004649825;6701527755;7006658135  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino B.

71.

? Title: Series compensation through static devices for active power flow control and oscillation damping  
? Venue: undefined  
? Year: 1994  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Scopus ID: 2-s2.0-0028742132  
? Volume: 2  
? Pages: 731-736  
? Authors: Bottino M. P.; Delfino B.; Denegri G. B.; Invernizzi M.; Morini A.  
? Source Id: 130208  
? Author Ids: 6603858897;7003935351;7004649825;6701527755;7006658135  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bottino M.

72.

? Title: Knowledge-Based Restoration Guidelines  
? Venue: IEEE Computer Applications in Power  
? Year: 1992  
? Type: Journal  
? Subtype: Article  
? Citations: 11  
? Doi: 10.1109/67.143276  
? Scopus ID: 2-s2.0-0026898002  
? Issn: 08950156  
? Volume: 5  
? Issue: 3  
? Pages: 54-59  
? Authors: Delfino B.; Invernizzi M.; Morini A.  
? Source Id: 30423  
? Author Ids: 7003935351;6701527755;7006658135  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Delfino B.

73.

? Title: An intelligent supporting aid for resolving operations under overload conditions in electric power systems  
? Venue: International Journal of Electrical Power and Energy Systems  
? Year: 1990  
? Type: Journal  
? Subtype: Article  
? Citations: 2  
? Doi: 10.1016/0142-0615(90)90031-6  
? Scopus ID: 2-s2.0-0025460778  
? Issn: 01420615  
? Volume: 12  
? Issue: 3  
? Pages: 183-191  
? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Canonero A.; Forzano P.

? Keywords: control centre design | emergency control | on-line control strategies  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 57, percentile 94)  
? Energy Engineering and Power Technology (Q1, rank 25, percentile 92)  
? Source Id: 17985  
? Author Ids: 7003935351;7004649825;6701527755;6507191645;6507525133  
? Authoraffiliationids: 60025153;60025153;60025153;60073836;60073836  
? Corresponding: Delfino B.

74.

? Title: Estimating first swing stability of synchronous machines as affected by saturation and controls  
? Venue: IEEE Transactions on Energy Conversion  
? Year: 1988  
? Type: Journal  
? Subtype: Article  
? Citations: 6  
? Doi: 10.1109/60.8079  
? Scopus ID: 2-s2.0-0024073601  
? Issn: 08858969  
? eISSN: 15580059  
? Volume: 3  
? Issue: 3  
? Pages: 636-646  
? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Pinceti 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: 7003935351;7004649825;6701527755;6602414502  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino B.

75.

? Title: Expert System For Alleviating Overloads In Electric Power Systems: General Concepts And Applications.  
? Venue: undefined  
? Year: 1988  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Scopus ID: 2-s2.0-0023830201  
? Pages: 299-304  
? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Canonero A.; Forzano P.  
? Source Id: 130300  
? Author Ids: 7003935351;7004649825;6701527755;6507191645;6507525133  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Delfino B.

76.

? Title: Voltage regulation via automatic load tap changing transformers: Evaluation of voltage stability conditions  
? Venue: Electric Power Systems Research  
? Year: 1987  
? Type: Journal



? Subtype: Article  
? Citations: 3  
? Doi: 10.1016/0378-7796(87)90037-X  
? Scopus ID: 2-s2.0-0023439733  
? Issn: 03787796  
? Volume: 13  
? Issue: 2  
? Pages: 99-107  
? Authors: Canepa A.; Delfino B.; Invernizzi M.; Pinceti P.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 126, percentile 87)  
? Energy Engineering and Power Technology (Q1, rank 60, percentile 81)  
? Source Id: 16044  
? Author Ids: 57225432861;7003935351;6701527755;6602414502  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Canepa A.

77.

? Title: Performance Evaluations Of HvdC Systems Under Fault Conditions.  
? Venue: undefined  
? Year: 1987  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0023172660  
? Pages: 545-548  
? Authors: Delfino B.; Denegri G. B.; Invernizzi M.; Pinceti P.  
? Source Id: 131051  
? Author Ids: 7003935351;7004649825;6701527755;6602414502  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino B.