

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 vulnerabilità
- ? 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^, 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;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/Tpwrs.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;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 Icetran 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;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;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/Tpwrs.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: Ieeecon 2018 6th International Electrical Engineering Congress

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/leecon.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.; Cacciacarne S.; Invernizzi M.; Procopio R.; Schiano S.; Torre I.

? Keywords: Energy power generation | Feedback linearization | Gas cycles | Non-liner 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;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 Pscc 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 27
? Doi: 10.1109/Pscc.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;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; Bess^re 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 Iasme 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; Ca^izes 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; Cañizares 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/Icpst.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.