

ROSSI MANSUETO

Overview

- ? Unit: ELE
- ? Role: Professore associato
- ? Grade: Prof.Associato Legge 240/10 - t.pieno - classe 1
- ? SSD: IIET-01/A (Elettrotecnica)
- ? Scopus ID: 7403708681
- ? Unige Id: 700373
- ? Retrieved at: 2025-11-14T15:14:47.436367

Contact

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- ? Page: <https://rubrica.unige.it/personale/UkNHWF1q>
- ? Locations: Opera Pia - padiglione C (Ex CNR) (ED161450501), 3° piano, US161450501.III.015

Career

- ? Ru, 2012-05-01 ? 2021-02-28
- ? Pa, 2021-03-01 ? 2222-02-02

Teaching

2025

- ? Elettrotecnica (60337), L-9 - Ingegneria Meccanica
- ? Strategies For Energy (98229), Lm/Ds - Engineering Technology For Strategy And Security
- ? Strategies For Energy (98229), Lm/Ds - Engineering Technology For Strategy And Security

2024

- ? Elettrotecnica (60337), L-9 - Ingegneria Meccanica
- ? Strategies For Energy (98229), Lm/Ds - Engineering Technology For Strategy (And Security)
- ? Strategies For Energy (98229), Lm/Ds - Engineering Technology For Strategy (And Security)

2023

- ? Elettrotecnica (60337), L-9 - Ingegneria Meccanica
- ? Strategies For Energy (98229), Lm/Ds - Engineering Technology For Strategy (And Security)

2022

- ? Elettrotecnica (60337), L-9 - Ingegneria Meccanica
- ? Strategies For Energy (98229), Lm/Ds - Engineering Technology For Strategy (And Security)

2021

- ? Elettrotecnica A (Cdl) (66017), L-9 - Ingegneria Nautica
- ? Modulo Di Elettrotecnica (72351), L-9 - Ingegneria Meccanica
- ? Strategies For Energy (98229), Lm/Ds - Engineering Technology For Strategy (And Security)

2020

- ? Elettrotecnica A (Cdl) (66017), L-9 - Ingegneria Nautica
- ? Modulo Di Elettrotecnica (72351), L-9 - Ingegneria Meccanica

Scopus Metrics

- ? absolute; Docs: 112; Journals: 53; Conferences: 55; Citations: 2044; H-index: 26
- ? 15 years (2010-2025); Docs: 86; Journals: 37; Conferences: 45; Citations: 1642; H-index: 25
- ? 10 years (2015-2025); Docs: 58; Journals: 26; Conferences: 29; Citations: 898; H-index: 15
- ? 05 years (2020-2025); Docs: 27; Journals: 15; Conferences: 10; Citations: 227; H-index: 9

Scopus Products

1.
 - ? Title: A novel decentralized cooperative architecture for energy storage systems providing frequency support services
 - ? Venue: Control Engineering Practice
 - ? Year: 2025
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 1
 - ? DOI: 10.1016/j.conengprac.2024.106221
 - ? Scopus ID: 2-s2.0-85214005683
 - ? Issn: 09670661
 - ? Volume: 156
 - ? Authors: Casella Virginia; Ferro Giulio; Parisio Alessandra; Robba Michela; Rossi Mansueto
 - ? Keywords: Battery energy storage | Decentralized optimization | Droop control | Dynamic regulation
 - ? Quartile:
 - 2025:
 - ? Applied Mathematics (Q1, rank 28, percentile 95)
 - ? Electrical and Electronic Engineering (Q1, rank 143, percentile 85)
 - ? Control and Systems Engineering (Q1, rank 58, percentile 84)
 - ? Computer Science Applications (Q1, rank 171, percentile 82)
 - ? Source Id: 18174
 - ? Author Ids: 57234225200;57062015700;23569929900;7004979187;7403708681
 - ? Authoraffiliationids: 60121711;60121711;60003771;60121711;60025153
 - ? Corresponding: Casella V.
2.
 - ? Title: A Microgrid Test-Bed Architecture for Integrated Energy Systems Experimental Testing
 - ? 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/ICPSEurope64998.2025.11169197
 - ? Scopus ID: 2-s2.0-105019039902
 - ? Authors: Bonfiglio Andrea; Bracco Stefano; Procopio Renato; Robba Michela; Rossi Mansueto
 - ? Keywords: advanced control strategies | energy management systems | laboratory prototype | Microgrid
 - ? Source Id: 21101340466

? Author Ids: 36607521000;15049159900;7801615894;7004979187;7403708681

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

? Corresponding: Bonfiglio A.

3.

? 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;6508183852;55924499600;57016169800;56669354800;57203094797;7101968133;57218844607;56962766200;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;60025153;60025153;60004300;60017293;60017293

? Corresponding: Mazza A.

4.

? Title: A fog computing-based architecture for the decentralized energy management of microgrids

? Venue: System Level Control and Optimisation of Microgrids

? Year: 2024

? Type: Book

? Subtype: Book Chapter

? Citations: 0

? DOI: 10.1049/pbpo149e_ch10

? Scopus ID: 2-s2.0-85214623764

? Pages: 255-274

? Authors: Armando Alessandro; Valderrama Daniel Fernandez; Ferro Giulio; Longo Giacomo; Orlich Alessandro; Robba Michela; Rossi Mansueto; Russo Enrico

? Source Id: 21101268615
? Author Ids: 57190072464;57751051500;57062015700;57468566600;57920901700;7004979187;7403708681;57197855120
? Authoraffiliationids:
60121711;60121711;60121711;60121711;60121711;60121711;120591612;60121711
? Corresponding: Armando A.

- 5.
- ? Title: A platform for demand response and intentional islanding in distribution grids: The LIVING GRID demonstration project
? Venue: Results in Control and Optimization
? Year: 2023
? Type: Journal
? Subtype: Article
? Citations: 1
? DOI: 10.1016/j.rico.2023.100294
? Scopus ID: 2-s2.0-85171337166
? eISSN: 26667207
? Volume: 12
? Authors: Bekhit Remon; Bianco Giovanni; Delfino Federico; Ferro Giulio; Noce C.; Orr^,, Luca; Parodi Luca; Robba Michela; Rossi Mansueto; Valtorta Giovanni
? Keywords: Distribution system operator | Energy management system | Islanding | Optimization | Smart grids | Transmission system operator
? Quartile:
2025:
? Applied Mathematics (Q1, rank 40, percentile 94)
? Control and Optimization (Q1, rank 15, percentile 91)
? Modeling and Simulation (Q1, rank 37, percentile 90)
? Control and Systems Engineering (Q1, rank 78, percentile 79)
? Artificial Intelligence (Q2, rank 125, percentile 74)
2023:
? Applied Mathematics (Q2, rank 222, percentile 65)
? Control and Optimization (Q2, rank 54, percentile 58)
? Modeling and Simulation (Q2, rank 162, percentile 50)
? Control and Systems Engineering (Q2, rank 161, percentile 50)
? Artificial Intelligence (Q3, rank 212, percentile 39)
? Source Id: 21101060462
? Author Ids: 58582896300;57216240455;6603766602;57062015700;15056661900;57220190197;57215421077;7004979187;7403708681;9742019100
? Authoraffiliationids: 60122257;60025153;60025153;60025153;60027994;60122257;60025153;60025153;60025153;60027994
? Corresponding: Bekhit R.

- 6.
- ? 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.

7.

? Title: A hierarchical Building Management System for temperature's optimal control and electric vehicles' integration

? Venue: Energy Conversion and Management X

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 25

? DOI: 10.1016/j.ecmx.2022.100339

? Scopus ID: 2-s2.0-85143724008

? eISSN: 25901745

? Volume: 17

? Authors: Bianco Giovanni; Delfino Federico; Ferro Giulio; Robba Michela; Rossi Mansueto

? Keywords: Building Management System | Electric vehicles charging | Optimization | Temperature control

? 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)

2023:

? Nuclear Energy and Engineering (Q1, rank 6, percentile 92)

? Energy Engineering and Power Technology (Q1, rank 49, percentile 82)

? Fuel Technology (Q1, rank 28, percentile 78)

? Renewable Energy, Sustainability and the Environment (Q1, rank 68, percentile 75)

? Source Id: 21100896269

? Author Ids: 57216240455;6603766602;57062015700;7004979187;7403708681

? Authoraffiliationids: 60025153;60025153;60121711;60121711;60025153

? Corresponding: Bianco G.

8.

? Title: An Energy Management System for microgrids including costs, exergy, and stress indexes

? Venue: Sustainable Energy Grids and Networks

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 26

? DOI: 10.1016/j.segan.2022.100915

? Scopus ID: 2-s2.0-85138110492

? eISSN: 23524677

? Volume: 32

? Authors: Caliano Martina; Delfino Federico; Di Somma Marialaura; Ferro Giulio; Graditi Giorgio; Parodi Luca; Robba Michela; Rossi Mansueto

? Keywords: Energy management system | Exergy | Microgrids | Optimization

? 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)

2022:

? Electrical and Electronic Engineering (Q1, rank 138, percentile 81)

? Control and Systems Engineering (Q1, rank 55, percentile 80)

? Energy Engineering and Power Technology (Q1, rank 53, percentile 79)

? Renewable Energy, Sustainability and the Environment (Q2, rank 77, percentile 67)

? Source Id: 21100371258

? Author Ids: 56012332900;6603766602;56429379700;57062015700;11839275700;57215421077;7004979187;7403708681

? Authoraffiliationids:

60083750;60025153;60083750;60121711;60083750;60121711;60121711;60025153

? Corresponding: Caliano M.

9.

? Title: Detecting Cyberattacks on Electrical Storage Systems through Neural Network Based Anomaly Detection Algorithm

? Venue: Sensors

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 21

? DOI: 10.3390/s22103933

? Scopus ID: 2-s2.0-85130394047

? Issn: 14248220

? Volume: 22

? Issue: 10

? Authors: Gaggero Giovanni Battista; Caviglia Roberto; Armellin Alessandro; Rossi Mansueto; Girdinio Paola; Marchese Mario

? Keywords: anomaly detection | autoencoder | cybersecurity | distributed energy resources | electrical battery storage systems | neural network

? Quartile:

2025:

? Instrumentation (Q1, rank 19, percentile 90)

? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)

? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)

? Biochemistry (Q1, rank 72, percentile 84)

? Information Systems (Q1, rank 87, percentile 82)

? Analytical Chemistry (Q1, rank 30, percentile 82)

2022:

? Instrumentation (Q1, rank 18, percentile 87)

? Electrical and Electronic Engineering (Q1, rank 146, percentile 80)

? Atomic and Molecular Physics, and Optics (Q1, rank 47, percentile 77)

? Analytical Chemistry (Q1, rank 32, percentile 77)

? Information Systems (Q1, rank 87, percentile 77)

? Biochemistry (Q2, rank 151, percentile 64)

? Source Id: 130124

? Author Ids: 57216708944;57700266100;57699327800;7403708681;7003430835;7004398165

- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Gaggero G.B.
10.
? 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;60103695;60103695;60103695;60103695;60017293
? Corresponding: Benedetto G.
11.
? Title: Cybersecurity Issues in Communication-Based Electrical Protections
? Venue: International Conference on Electrical Computer and Energy Technologies Iccep 2022
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 7
? Doi: 10.1109/Icecep55527.2022.9873081
? Scopus ID: 2-s2.0-85138917455
? Authors: Gaggero Giovanni Battista; Rossi Mansueto; Girdinio Paola; Marchese Mario
? Keywords: cybersecurity | electrical protection | IEC 62351 | microgrid | smart grid
? Source Id: 21101110203
? Author Ids: 57216708944;7403708681;7003430835;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Gaggero G.B.
12.
? Title: Environmental Assessment of a Hybrid Energy System Supporting a Smart Polygeneration Micro-grid
? Venue: Lecture Notes in Networks and Systems
? Year: 2022
? Type: Book Series
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/978-3-031-06825-6_176
? Scopus ID: 2-s2.0-85138622332
? Issn: 23673370
? eISSN: 23673389

? Volume: 482 Lnnns
? Pages: 1830-1841
? Authors: Tumminia Giovanni; Aloisio Davide; Ferraro Marco; Antonucci Vincenzo; Cellura Maurizio; Cusenza Maria Anna; Guarino Francesco; Longo Sonia; Delfino Federico; Ferro Giulio; Robba Michela; Rossi Mansueto
? Keywords: Energy storage system | Environmental impacts | Renewable energy systems | Smart grid
? Quartile:
2025:
? Signal Processing (Q3, rank 146, percentile 25)
? Computer Networks and Communications (Q3, rank 410, percentile 25)
? Control and Systems Engineering (Q4, rank 302, percentile 20)
2022:
? Signal Processing (Q4, rank 108, percentile 11)
? Control and Systems Engineering (Q4, rank 256, percentile 10)
? Computer Networks and Communications (Q4, rank 347, percentile 8)
? Source Id: 21100901469
? Author Ids: 57190257052;54894435700;22834045300;7006920652;6701427576;57200687279;56370216400;45661736000;6603766602;57062015700;7004979187;7403708681
? Authoraffiliationids: 60021199;60021199;60021199;60021199;60021199-60017697;60017697;60017697;60017697;60025153;60121711;60121711;60025153
? Corresponding: Tumminia G.
13.
? Title: Optimal control of hybrid systems and renewable energies
? Venue: Energies
? Year: 2022
? Type: Journal
? Subtype: Editorial
? Citations: 4
? DOI: 10.3390/en15010078
? Scopus ID: 2-s2.0-85121716553
? eISSN: 19961073
? Volume: 15
? Issue: 1
? Authors: Robba Michela; Rossi Mansueto
? 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)
2022:
? Control and Optimization (Q1, rank 21, percentile 83)
? Engineering (miscellaneous) (Q1, rank 27, percentile 82)
? Electrical and Electronic Engineering (Q2, rank 197, percentile 73)
? Energy Engineering and Power Technology (Q2, rank 77, percentile 69)
? Energy (miscellaneous) (Q2, rank 18, percentile 67)
? Fuel Technology (Q2, rank 39, percentile 67)
? Renewable Energy, Sustainability and the Environment (Q2, rank 103, percentile 56)
? Source Id: 62932
? Author Ids: 7004979187;7403708681

- ? Authoraffiliationids: 60025153;60025153
? Corresponding: Robba M.
14.
? Title: A multi-objective energy management system for microgrids: Minimization of costs, exergy in input, and emissions
? Venue: Sest 2021 4th International Conference on Smart Energy Systems and Technologies
? Year: 2021
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Sest50973.2021.9543247
? Scopus ID: 2-s2.0-85116640497
? Authors: Delfino Federico; Ferro Giulio; Parodi Luca; Robba Michela; Rossi Mansueto; Caliano Martina; Di Somma Marialaura; Graditi Giorgio
? Keywords: Energy management system | Exergy | Microgrid | Optimization | Smart grid
? Source Id: 21101061293
? Author Ids: 6603766602;57062015700;57215421077;7004979187;7403708681;56012332900;56429379700;11839275700
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60019637;60019637;60019637
? Corresponding: Delfino F.
15.
? Title: Analytical Expressions for Lightning Electromagnetic Fields with Arbitrary Channel-Base Current - Part I: Theory
? Venue: IEEE Transactions on Electromagnetic Compatibility
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 15
? Doi: 10.1109/Temc.2020.3018199
? Scopus ID: 2-s2.0-85095957297
? Issn: 00189375
? eISSN: 1558187X
? Volume: 63
? Issue: 2
? Pages: 525-533
? Authors: Brignone Massimo; Procopio Renato; Mestriner Daniele; Rossi Mansueto; Delfino Federico; Rachidi Farhad; Rubinstein Marcos
? Keywords: Channel-base current | engineering models | lightning electromagnetic fields
? Quartile:
2025:
? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)
? Condensed Matter Physics (Q2, rank 151, percentile 66)
? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)
2021:
? Condensed Matter Physics (Q2, rank 126, percentile 69)
? Electrical and Electronic Engineering (Q2, rank 215, percentile 69)
? Atomic and Molecular Physics, and Optics (Q2, rank 70, percentile 66)
? Source Id: 26051
? Author Ids:
8580886100;7801615894;57115575100;7403708681;6603766602;7003719604;7201682529
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60028186;106110786

- ? Corresponding: Brignone M.
- 16.
- ? Title: Analytical Expressions for Lightning Electromagnetic Fields with Arbitrary Channel-Base Current. Part II: Validation and Computational Performance
- ? Venue: IEEE Transactions on Electromagnetic Compatibility
- ? Year: 2021
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 9
- ? Doi: 10.1109/Temc.2020.3018108
- ? Scopus ID: 2-s2.0-85095951500
- ? Issn: 00189375
- ? eISSN: 1558187X
- ? Volume: 63
- ? Issue: 2
- ? Pages: 534-541
- ? Authors: Mestriner Daniele; Brignone Massimo; Procopio Renato; Rossi Mansueto; Delfino Federico; Rachidi Farhad; Rubinstein Marcos
- ? Keywords: Channel-base current | engineering models | lightning electromagnetic fields
- ? Quartile:
- 2025:
- ? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)
- ? Condensed Matter Physics (Q2, rank 151, percentile 66)
- ? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)
- 2021:
- ? Condensed Matter Physics (Q2, rank 126, percentile 69)
- ? Electrical and Electronic Engineering (Q2, rank 215, percentile 69)
- ? Atomic and Molecular Physics, and Optics (Q2, rank 70, percentile 66)
- ? Source Id: 26051
- ? Author Ids:
57115575100;8580886100;7801615894;7403708681;6603766602;7003719604;7201682529
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60028186;60101868
- ? Corresponding: Mestriner D.
- 17.
- ? Title: Lightning-induced Voltages on Overhead Distribution Lines Computed through Analytical Expressions for the Electromagnetic Fields
- ? Venue: 2021 35th International Conference on Lightning Protection Iclp 2021 and 16th International Symposium on Lightning Protection Sipda 2021
- ? Year: 2021
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 0
- ? DOI: 10.1109/ICLPandSIPDA54065.2021.9627387
- ? Scopus ID: 2-s2.0-85123836302
- ? Authors: Brignone Massimo; Procopio Renato; Mestriner Daniele; Rossi Mansueto; Delfino Federico; Rachidi Farhad; Rubinstein Marcos
- ? Keywords: Channel base current | Engineering models | Lightning electromagnetic fields
- ? Source Id: 21101074738
- ? Author Ids:
8580886100;7801615894;57115575100;7403708681;6603766602;7003719604;7201682529
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60028186;60101868
- ? Corresponding: Brignone M.

18.

- ? Title: Flexibility Services Based on OpenADR Protocol for DSO Level
- ? Venue: Sensors Basel Switzerland
- ? Year: 2020
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 2
- ? DOI: 10.3390/s20216266
- ? Scopus ID: 2-s2.0-85095771850
- ? eISSN: 14248220
- ? Volume: 20
- ? Issue: 21
- ? Authors: Guerrero Alonso Juan Ignacio; Personal Enrique; Garc^áa Sebasti^{án}; Parejo Antonio; Rossi Mansueto; Garc^áa Antonio; Delfino Federico; P^{rez} Ricardo; Le^{ón} Carlos
- ? Keywords: Blockchain | demand-side management | flexibility market | OpenADR standard | smart grid
- ? Quartile:
- 2025:
 - ? Instrumentation (Q1, rank 19, percentile 90)
 - ? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)
 - ? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)
 - ? Biochemistry (Q1, rank 72, percentile 84)
 - ? Information Systems (Q1, rank 87, percentile 82)
 - ? Analytical Chemistry (Q1, rank 30, percentile 82)
- 2020:
 - ? Instrumentation (Q1, rank 13, percentile 90)
 - ? Electrical and Electronic Engineering (Q1, rank 135, percentile 80)
 - ? Information Systems (Q1, rank 69, percentile 79)
 - ? Atomic and Molecular Physics, and Optics (Q1, rank 42, percentile 78)
 - ? Analytical Chemistry (Q1, rank 29, percentile 76)
 - ? Biochemistry (Q2, rank 133, percentile 67)
- ? Source Id: 130124
- ? Author Ids: 25633819900;57194517010;57210714463;55293637400;7403708681;21933529900;6603766602;57219845898;24724405600
- ? Authoraffiliationids: 60033284;60033284;60033284;60033284;60025153;60033284;60025153;60027994;60033284
- ? Corresponding: Guerrero Alonso J.I.

19.

- ? Title: Flexibility services based on openadr protocol for dso level
- ? Venue: Sensors
- ? Year: 2020
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 8
- ? DOI: 10.3390/s20216266
- ? Scopus ID: 2-s2.0-85095767456
- ? eISSN: 14248220
- ? Volume: 20
- ? Issue: 21
- ? Authors: Alonso Juan Ignacio Guerrero; Personal Enrique; Garc^áa Sebasti^{án}; Parejo Antonio; Rossi Mansueto; Garc^áa Antonio; Delfino Federico; P^{rez} Ricardo; Le^{ón} Carlos
- ? Keywords: Blockchain | Demand-side management | Flexibility market | OpenADR standard | Smart grid
- ? Quartile:

2025:

- ? Instrumentation (Q1, rank 19, percentile 90)
- ? Electrical and Electronic Engineering (Q1, rank 136, percentile 86)
- ? Atomic and Molecular Physics, and Optics (Q1, rank 36, percentile 85)
- ? Biochemistry (Q1, rank 72, percentile 84)
- ? Information Systems (Q1, rank 87, percentile 82)
- ? Analytical Chemistry (Q1, rank 30, percentile 82)

2020:

- ? Instrumentation (Q1, rank 13, percentile 90)
 - ? Electrical and Electronic Engineering (Q1, rank 135, percentile 80)
 - ? Information Systems (Q1, rank 69, percentile 79)
 - ? Atomic and Molecular Physics, and Optics (Q1, rank 42, percentile 78)
 - ? Analytical Chemistry (Q1, rank 29, percentile 76)
 - ? Biochemistry (Q2, rank 133, percentile 67)
- ? Source Id: 130124
- ? Author Ids: 25633819900;57194517010;57210714463;55293637400;7403708681;21933529900;6603766602;57219845898;24724405600
- ? Authoraffiliationids: 60033284;60033284;60033284;60033284;60025153;60033284;60025153;60027994;60033284
- ? Corresponding: Alonso J.I.G.

20.

? Title: Evaluating Distribution System Operators: Automated Demand Response and Distributed Energy Resources in the Flexibility4Chile Project

? Venue: IEEE Power and Energy Magazine

? Year: 2020

? Type: Journal

? Subtype: Article

? Citations: 8

? Doi: 10.1109/Mpe.2020.3000688

? Scopus ID: 2-s2.0-85090124255

? Issn: 15407977

? eISSN: 15584216

? Volume: 18

? Issue: 5

? Pages: 64-75

? Authors: Guerrero Juan Ignacio; Personal Enrique; Garcia Caro Sebastian; Parejo Antonio; Rossi Mansueto; Garcia Antonio; Perez Sanchez Ricardo; Leon Carlos

? Quartile:

2025:

? Electrical and Electronic Engineering (Q2, rank 298, percentile 70)

? Energy Engineering and Power Technology (Q2, rank 111, percentile 66)

2020:

? Energy Engineering and Power Technology (Q1, rank 26, percentile 88)

? Electrical and Electronic Engineering (Q1, rank 84, percentile 87)

? Source Id: 28027

? Author Ids: 25633819900;57194517010;57210714463;55293637400;7403708681;21933529900;57218714754;24724405600

? Authoraffiliationids: 60033284;60033284;60033284;60033284;60033284;60033284;60027994;60033284

? Corresponding: Guerrero J.I.

21.

? Title: A Building Energy Management System for demand response in smart grids

? Venue: IEEE International Conference on Automation Science and Engineering

? Year: 2020

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/Case48305.2020.9216880
? Scopus ID: 2-s2.0-85094176741
? Issn: 21618070
? eISSN: 21618089
? Volume: 2020-August
? Pages: 1485-1490
? Authors: Bianco G.; Bracco S.; Delfino F.; Gambelli L.; Robba M.; Rossi M.
? Quartile:
2025:
? Electrical and Electronic Engineering (Q3, rank 600, percentile 39)
? Control and Systems Engineering (Q3, rank 240, percentile 37)
? Source Id: 20500195424
? Author Ids: 57216240455;15049159900;6603766602;57216240444;7004979187;7403708681
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bianco G.

22.

? Title: A multi-objective and multi-decision maker approach for the balancing market in distribution grids in presence of aggregators
? Venue: 7th International Conference on Control Decision and Information Technologies Codit 2020
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? DOI: 10.1109/CoDIT49905.2020.9263784
? Scopus ID: 2-s2.0-85098270097
? Pages: 784-789
? Authors: Ferro G.; Minciardi R.; Parodi L.; Robba M.; Rossi M.
? Source Id: 21101032762
? Author Ids: 57062015700;7005785660;57215421077;7004979187;7403708681
? Authoraffiliationids: 60121711;60121711;60121711;60121711;60025153
? Corresponding: Ferro G.

23.

? Title: A Demand Response Energy Management System (DR-EMS) for sustainable district
? Venue: 7th International Conference on Control Decision and Information Technologies Codit 2020
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? DOI: 10.1109/CoDIT49905.2020.9263796
? Scopus ID: 2-s2.0-85098246709
? Pages: 551-556
? Authors: Bianco Giovanni; Bracco Stefano; Delfino Federico; Ferro Giulio; Parodi Luca; Robba Michela; Rossi Mansueto
? Source Id: 21101032762
? Author Ids:
57216240455;15049159900;6603766602;57062015700;57215421077;7004979187;7403708681
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bianco G.

24.

? Title: Detecting system fault/cyberattack within a photovoltaic system connected to the grid: A neural network-based solution
? Venue: Journal of Sensor and Actuator Networks
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 20
? DOI: 10.3390/jsan9020020
? Scopus ID: 2-s2.0-85084829746
? eISSN: 22242708
? Volume: 9
? Issue: 2
? Authors: Gaggero Giovanni Battista; Rossi Mansueto; Girdinio Paola; Marchese Mario
? Keywords: Anomaly detection | Autoencoder | Cyber-security | Distributed energy resources | Neural networks | Photovoltaic systems
? Quartile:
2025:
? Control and Optimization (Q1, rank 6, percentile 96)
? Instrumentation (Q1, rank 12, percentile 93)
? Computer Networks and Communications (Q1, rank 61, percentile 88)
2020:
? Instrumentation (Q1, rank 8, percentile 94)
? Control and Optimization (Q1, rank 12, percentile 89)
? Computer Networks and Communications (Q1, rank 59, percentile 82)
? Source Id: 21100830709
? Author Ids: 57216708944;7403708681;7003430835;7004398165
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Gaggero G.B.

25.
? Title: Optimal coordination of buildings and microgrids by an aggregator: A bi-level approach
? Venue: IFAC Papersonline
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? DOI: 10.1016/j.ifacol.2020.12.785
? Scopus ID: 2-s2.0-85119608072
? eISSN: 24058963
? Volume: 53
? Issue: 2
? Pages: 16587-16592
? Authors: Ferro Giulio; Minciardi Riccardo; Parodi Luca; Robba Michela; Rossi Mansueto
? Keywords: Energy distribution | Energy management systems | Hierarchical systems | Load regulation | Optimization
? Quartile:
2025:
? Control and Systems Engineering (Q3, rank 218, percentile 42)
2020:
? Control and Systems Engineering (Q3, rank 148, percentile 43)
? Source Id: 21100456158
? Author Ids: 57062015700;7005785660;57215421077;7004979187;7403708681
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Ferro G.

26.

- ? Title: A building energy management system based on an equivalent electric circuit model
- ? Venue: Energies
- ? Year: 2020
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 25
- ? DOI: 10.3390/en13071689
- ? Scopus ID: 2-s2.0-85082884408
- ? eISSN: 19961073
- ? Volume: 13
- ? Issue: 7
- ? Authors: Bianco Giovanni; Bracco Stefano; Delfino Federico; Gambelli Lorenzo; Robba Michela; Rossi Mansuetto
- ? Keywords: Building energy management system | Equivalent electric circuit | Optimization | Simulation
- ? 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)
 - 2020:
 - ? Control and Optimization (Q1, rank 17, percentile 85)
 - ? Engineering (miscellaneous) (Q1, rank 13, percentile 83)
 - ? Electrical and Electronic Engineering (Q2, rank 183, percentile 73)
 - ? Energy (miscellaneous) (Q2, rank 7, percentile 72)
 - ? Energy Engineering and Power Technology (Q2, rank 62, percentile 72)
 - ? Fuel Technology (Q2, rank 33, percentile 67)
 - ? Renewable Energy, Sustainability and the Environment (Q2, rank 69, percentile 64)
- ? Source Id: 62932
- ? Author Ids: 57216240455;15049159900;6603766602;57216240444;7004979187;7403708681
- ? Authoraffiliationids: 60025153-60121711;60025153;60025153;60025153;60121711;60025153
- ? Corresponding: Bianco G.

27.

- ? Title: Optimal control of multiple microgrids and buildings by an aggregator
- ? Venue: Energies
- ? Year: 2020
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 14
- ? DOI: 10.3390/en13051058
- ? Scopus ID: 2-s2.0-85080929655
- ? eISSN: 19961073
- ? Volume: 13
- ? Issue: 5
- ? Authors: Ferro Giulio; Minciardi Riccardo; Parodi Luca; Robba Michela; Rossi Mansuetto
- ? Keywords: Aggregator | Energy management system | Interconnected buildings | Multi-level | Optimization | Renewable resources | Smart grid
- ? 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)

2020:

- ? Control and Optimization (Q1, rank 17, percentile 85)
- ? Engineering (miscellaneous) (Q1, rank 13, percentile 83)
- ? Electrical and Electronic Engineering (Q2, rank 183, percentile 73)
- ? Energy (miscellaneous) (Q2, rank 7, percentile 72)
- ? Energy Engineering and Power Technology (Q2, rank 62, percentile 72)
- ? Fuel Technology (Q2, rank 33, percentile 67)
- ? Renewable Energy, Sustainability and the Environment (Q2, rank 69, percentile 64)
- ? Source Id: 62932
- ? Author Ids: 57062015700;7005785660;57215421077;7004979187;7403708681
- ? Authoraffiliationids: 60121711;60121711;60121711;60121711;60025153
- ? Corresponding: Ferro G.

28.

- ? Title: Neural network architecture to detect system faults / cyberattacks anomalies within a photovoltaic system connected to the grid
- ? Venue: 2019 International Symposium on Advanced Electrical and Communication Technologies Isaect 2019
- ? Year: 2019
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 7
- ? Doi: 10.1109/Isaect47714.2019.9069683
- ? Scopus ID: 2-s2.0-85084343224
- ? Authors: Gaggero Giovanni Battista; Rossi Mansueto; Girdinio Paola; Marchese Mario
- ? Keywords: anomaly detection | industrial systems | neural networks
- ? Source Id: 21100985351
- ? Author Ids: 57216708944;7403708681;7003430835;7004398165
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Gaggero G.B.

29.

- ? Title: An Energy Management Platform for the Optimal Control of Active and Reactive Powers in Sustainable Microgrids
- ? Venue: IEEE Transactions on Industry Applications
- ? Year: 2019
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 60
- ? Doi: 10.1109/Tia.2019.2913532
- ? Scopus ID: 2-s2.0-85075429475
- ? Issn: 00939994
- ? eISSN: 19399367
- ? Volume: 55
- ? Issue: 6
- ? Pages: 7146-7156
- ? Authors: Delfino Federico; Ferro Giulio; Robba Michela; Rossi Mansueto
- ? Keywords: Energy management system (EMS) | optimal control | optimization |

predictive control | smart microgrids

? Quartile:

2025:

? Control and Systems Engineering (Q1, rank 38, percentile 90)

? Electrical and Electronic Engineering (Q1, rank 102, percentile 89)

? Industrial and Manufacturing Engineering (Q1, rank 49, percentile 88)

2019:

? Industrial and Manufacturing Engineering (Q1, rank 30, percentile 91)

? Electrical and Electronic Engineering (Q1, rank 76, percentile 88)

? Control and Systems Engineering (Q1, rank 29, percentile 88)

? Source Id: 17361

? Author Ids: 6603766602;57062015700;7004979187;7403708681

? Authoraffiliationids: 60025153;60121711;60121711;60025153

? Corresponding: Delfino F.

30.

? Title: Lightning protection of trasmission lines: Analysis of lightning activity in Italian territory

? 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: 1

? Doi: 10.1109/Eeeic.2019.8783641

? Scopus ID: 2-s2.0-85070835523

? Authors: Nicora Martino; Brignone Massimo; Fiori Elisabetta; Rossi Mansueto; Procopio Renato; Delfino Federico

? Keywords: Channel-base current | Ground Flash Density | Lightning | Lightning measurements

? Source Id: 21100924363

? Author Ids: 57210463204;8580886100;35229110700;7403708681;7801615894;6603766602

? Authoraffiliationids: 60025153;60025153;102075139;60025153;60025153;60025153

? Corresponding: Nicora M.

31.

? Title: Lightning Current Parameters Effects on the Induced Overvoltages in Transmission Lines

? 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: 2

? Doi: 10.1109/Eeeic.2019.8783658

? Scopus ID: 2-s2.0-85070824602

? Authors: Mestriner Daniele; Nicora Martino; Procopio Renato; Brignone Massimo; Rossi Mansueto; Delfino Federico; Fiori Elisabetta

? Keywords: Electromagnetic fields | Lightning | Lightning Induced Voltages | Statistical analysis

? Source Id: 21100924363

? Author Ids:

57115575100;57210463204;7801615894;8580886100;7403708681;6603766602;35229110700

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;102075139

- ? Corresponding: Mestriner D.
- 32.
- ? Title: A flexible test-bed pilot facility for the analysis and simulation of Smart 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: 12
- ? Doi: 10.1109/Eeeic.2019.8783875
- ? Scopus ID: 2-s2.0-85070807380
- ? Authors: De Sim^‡n-Mart^‡n Miguel; Bracco Stefano; Rossi Mansueto; Delfino Federico; Gonz^‡lez-Mart^‡nez Alberto; Blanes-Peir^‡ Jorge Juan
- ? Keywords: key performance indicator | LCOE | living laboratory | microgrid | polygeneration
- ? Source Id: 21100924363
- ? Author Ids: 55567581000;15049159900;7403708681;6603766602;56943231800;57190424813
- ? Authoraffiliationids: 60020657;60025153;60025153;60025153;60020657;60020657
- ? Corresponding: De Sim^‡n-Mart^‡n M.
- 33.
- ? Title: EM Fields Generated by a Scale Model Helical Antenna and Its Use in Validating a Code for Lightning-Induced Voltage Calculation
- ? Venue: IEEE Transactions on Electromagnetic Compatibility
- ? Year: 2019
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 12
- ? Doi: 10.1109/Temc.2019.2911995
- ? Scopus ID: 2-s2.0-85067394704
- ? Issn: 00189375
- ? eISSN: 1558187X
- ? Volume: 61
- ? Issue: 3
- ? Pages: 778-787
- ? Authors: Brignone Massimo; Mestriner Daniele; Procopio Renato; Rossi Mansueto; Piantini Alexandre; Rachidi Farhad
- ? Keywords: Lightning electromagnetic pulse | lightning induced effects and protection | lightning location | lightning measurement and modeling
- ? Quartile:
- 2025:
- ? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)
- ? Condensed Matter Physics (Q2, rank 151, percentile 66)
- ? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)
- 2019:
- ? Electrical and Electronic Engineering (Q1, rank 166, percentile 75)
- ? Condensed Matter Physics (Q2, rank 106, percentile 73)
- ? Atomic and Molecular Physics, and Optics (Q2, rank 53, percentile 71)
- ? Source Id: 26051
- ? Author Ids: 8580886100;57115575100;7801615894;7403708681;56045386400;7003719604
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60008088;60028186
- ? Corresponding: Brignone M.

34.

- ? Title: Identification and optimal control of an electrical storage system for microgrids with renewables
? Venue: Sustainable Energy Grids and Networks
? Year: 2019
? Type: Journal
? Subtype: Article
? Citations: 47
? DOI: 10.1016/j.segan.2018.100183
? Scopus ID: 2-s2.0-85059831486
? eISSN: 23524677
? Volume: 17
? Authors: Delfino Federico; Ferro Giulio; Minciardi Riccardo; Robba Michela; Rossi Marco; Rossi Mansueto
? Keywords: Battery | Identification | Model predictive control | Optimization | Renewables | Smart microgrid
? 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)
2019:
? Electrical and Electronic Engineering (Q1, rank 101, percentile 85)
? Energy Engineering and Power Technology (Q1, rank 33, percentile 84)
? Control and Systems Engineering (Q1, rank 41, percentile 83)
? Renewable Energy, Sustainability and the Environment (Q2, rank 46, percentile 74)
? Source Id: 21100371258
? Author Ids: 6603766602;57062015700;7005785660;7004979187;57683874100;7403708681
? Authoraffiliationids: 120591612;60121711;60121711;60121711;60121711;120591612
? Corresponding: Delfino F.
35.
? Title: An architecture for the optimal control of tertiary and secondary levels in small-size islanded microgrids
? Venue: International Journal of Electrical Power and Energy Systems
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 29
? DOI: 10.1016/j.ijepes.2018.05.026
? Scopus ID: 2-s2.0-85047242343
? Issn: 01420615
? Volume: 103
? Pages: 75-88
? Authors: Delfino Federico; Ferro Giulio; Robba Michela; Rossi Mansueto
? Keywords: Optimal control | Optimization | Power systems | Predictive control | Smart grids
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 57, percentile 94)
? Energy Engineering and Power Technology (Q1, rank 25, percentile 92)
2018:
? Energy Engineering and Power Technology (Q1, rank 10, percentile 95)
? Electrical and Electronic Engineering (Q1, rank 41, percentile 93)
? Source Id: 17985

- ? Author Ids: 6603766602;57062015700;7004979187;7403708681
? Authoraffiliationids: ;60121711;60121711;
? Corresponding: Delfino F.
36.
? Title: Current and Field Modelling
? Venue: 2018 IEEE Symposium on Electromagnetic Compatibility Signal Integrity and Power Integrity EMC Si and Pi 2018
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Emcsi.2018.8495192
? Scopus ID: 2-s2.0-85056605309
? Authors: Rossi Mansueto; Brignone Massimo
? Source Id: 21100886130
? Author Ids: 7403708681;8580886100
? Authoraffiliationids: 60025153;60025153
? Corresponding: Rossi M.
37.
? Title: An Optimization Model for Polygeneration Microgrids with Renewables, Electrical and Thermal Storage: Application to the Savona Campus
? 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: 12
? Doi: 10.1109/Eeeic.2018.8493965
? Scopus ID: 2-s2.0-85056538673
? Authors: Bracco Stefano; Brignone Massimo; Delfino Federico; Pampararo Fabio; Rossi Mansueto; Ferro Giulio; Robba Michela
? Keywords: Demand response | district heating | polygeneration microgrids | renewable energy | thermal storage
? Source Id: 21100885800
? Author Ids:
15049159900;8580886100;6603766602;36782697700;7403708681;57062015700;7004979187
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60121711;60121711
? Corresponding: Bracco S.
38.
? Title: Energy planning of sustainable districts: Towards the exploitation of small size intermittent renewables in urban areas
? Venue: Applied Energy
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 57
? DOI: 10.1016/j.apenergy.2018.07.074
? Scopus ID: 2-s2.0-85050277949
? Issn: 03062619
? Volume: 228
? Pages: 2288-2297
? Authors: Bracco Stefano; Delfino Federico; Ferro Giulio; Pagnini Luisa; Robba Michela; Rossi Mansueto

? Keywords: Cogeneration | Distributed resources | Optimal planning | Renewable energy

| Smart district

? Quartile:

2025:

? Management, Monitoring, Policy and Law (Q1, rank 6, percentile 98)

? Mechanical Engineering (Q1, rank 14, percentile 98)

? Building and Construction (Q1, rank 5, percentile 98)

? Energy (all) (Q1, rank 5, percentile 94)

? Renewable Energy, Sustainability and the Environment (Q1, rank 22, percentile 93)

2018:

? Building and Construction (Q1, rank 1, percentile 99)

? Management, Monitoring, Policy and Law (Q1, rank 2, percentile 99)

? Energy (all) (Q1, rank 1, percentile 99)

? Mechanical Engineering (Q1, rank 7, percentile 98)

? Source Id: 28801

? Author Ids: 15049159900;6603766602;57062015700;55665875600;7004979187;7403708681

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

? Corresponding: Bracco S.

39.

? Title: Design criteria for the optimal sizing of integrated photovoltaic-storage systems

? Venue: Energy

? Year: 2018

? Type: Journal

? Subtype: Article

? Citations: 43

? DOI: 10.1016/j.energy.2018.02.056

? Scopus ID: 2-s2.0-85042350941

? Issn: 03605442

? Volume: 149

? Pages: 505-515

? Authors: Bendato Ilaria; Bonfiglio Andrea; Brignone Massimo; Delfino Federico; Pampararo Fabio; Procopio Renato; Rossi Mansuetto

? Keywords: Economic analysis | Energy management | Optimal scheduling | Optimization | Smart grids

? 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)

2018:

? Civil and Structural Engineering (Q1, rank 5, percentile 98)

? Building and Construction (Q1, rank 5, percentile 97)

? Industrial and Manufacturing Engineering (Q1, rank 15, percentile 95)

? Mechanical Engineering (Q1, rank 26, percentile 95)

- ? Pollution (Q1, rank 9, percentile 92)
? Electrical and Electronic Engineering (Q1, rank 52, percentile 92)
? Source Id: 29348
? Author Ids:
56426374300;36607521000;8580886100;6603766602;36782697700;7801615894;7403708681
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bendato I.
40.
? Title: A bi-level approach for the management of microgrids
? Venue: IFAC Papersonline
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? DOI: 10.1016/j.ifacol.2018.11.720
? Scopus ID: 2-s2.0-85058207997
? eISSN: 24058963
? Volume: 51
? Issue: 28
? Pages: 309-314
? Authors: Ferro G.; Minciardi R.; Delfino F.; Rossi M.; Robba M.
? Keywords: Energy Management System | microgrids | Optimal control | optimization | power systems
? Quartile:
2025:
? Control and Systems Engineering (Q3, rank 218, percentile 42)
2018:
? Control and Systems Engineering (Q3, rank 161, percentile 32)
? Source Id: 21100456158
? Author Ids: 57062015700;7005785660;6603766602;7403708681;7004979187
? Authoraffiliationids: 60121711;60121711;120591612;120591612;60121711
? Corresponding: Ferro G.
41.
? Title: A simple strategy to optimally design and manage a photovoltaic plant integrated with a storage system for different applications
? Venue: 2017 Aeit International Annual Conference Infrastructures for Energy and ICT Opportunities for Fostering Innovation Aeit 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.23919/Aeit.2017.8240515
? Scopus ID: 2-s2.0-85045936906
? Volume: 2017-January
? Pages: 1-6
? Authors: Bracco Stefano; Brignone Massimo; Delfino Federico; Girdinio Paola; Laiolo Paola; Procopio Renato; Rossi Mansueto
? Keywords: management | optimization | photovoltaic | planning | storage
? Source Id: 21100858105
? Author Ids:
15049159900;8580886100;6603766602;7003430835;56576462300;7801615894;7403708681
? Authoraffiliationids:
120591612;120591612;120591612-60025153;120591612;60025153;60025153;120591612
? Corresponding: Bracco S.

42.

? Title: Identification and management of an electrical storage system for application in photovoltaic installations
? Venue: IEEE International Conference on Control and Automation Icca
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Doi: 10.1109/Icca.2017.8003178
? Scopus ID: 2-s2.0-85029909537
? Issn: 19483449
? eISSN: 19483457
? Pages: 886-891
? Authors: Delfino F.; Ferro G.; Minciardi R.; Robba M.; Rossi M.
? Keywords: electrical storage | identification | microgrids | model predictive control | optimization
? Quartile:
2025:
? Industrial and Manufacturing Engineering (Q3, rank 273, percentile 33)
? Electrical and Electronic Engineering (Q3, rank 719, percentile 28)
? Artificial Intelligence (Q3, rank 371, percentile 25)
? Control and Systems Engineering (Q4, rank 293, percentile 22)
? Computer Science Applications (Q4, rank 765, percentile 22)
? Source Id: 21100199742
? Author Ids: 6603766602;57062015700;7005785660;7004979187;7403708681
? Authoraffiliationids: 60025153;60121711;60121711;60121711;60025153-60121711
? Corresponding: Delfino F.

43.

? Title: Optimal voltage control and demand response: Integration between Distribution System Operator and microgrids
? Venue: Proceedings of the 2017 IEEE 14th International Conference on Networking Sensing and Control Icnsc 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Doi: 10.1109/Icnsc.2017.8000132
? Scopus ID: 2-s2.0-85028511045
? Pages: 435-440
? Authors: Ferro G.; Minciardi R.; Robba M.; Rossi M.
? Keywords: Distributed Generation | Distribution Sysyem Operator (DSO) | Microgrids | Optimization | Voltage regulation
? Source Id: 21100828602
? Author Ids: 57062015700;7005785660;7004979187;7403708681
? Authoraffiliationids: 60121711;60121711;60121711;60025153
? Corresponding: Ferro G.

44.

? Title: Concept design & development of a module for the construction of reversible HVDC submarine deep-water sea electrodes
? Venue: IEEE Transactions on Power Delivery
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 10

? Doi: 10.1109/TpwrD.2016.2555882
? Scopus ID: 2-s2.0-85021729059
? Issn: 08858977
? Volume: 32
? Issue: 4
? Pages: 1682-1687
? Authors: Molfino P.; Nervi M.; Rossi M.; Malgarotti S.; Odasso A.
? Keywords: Electric fields | Grounding electrodes | HVDC transmission | Marine electrical equipment
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 98, percentile 90)
? Energy Engineering and Power Technology (Q1, rank 49, percentile 85)
2017:
? Energy Engineering and Power Technology (Q1, rank 14, percentile 93)
? Electrical and Electronic Engineering (Q1, rank 55, percentile 91)
? Source Id: 17370
? Author Ids: 7003420937;7003586072;7403708681;9742164400;6602941561
? Authoraffiliationids: 60025153;60025153;60025153;60083358;60083122
? Corresponding: Molfino P.

45.
? Title: Decentralized generation in urban districts: Optimal planning considering uncertainties
? Venue: Conference Proceedings 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Eeeic.2017.7977463
? Scopus ID: 2-s2.0-85026743852
? Authors: Bracco Stefano; Delfino Federico; Rossi Mansueto; Robba Michela; Pagnini Luisa
? Keywords: Cogeneration | Optimal planning | Photovoltaic | Smart districts | Wind turbines
? Source Id: 21100826217
? Author Ids: 15049159900;6603766602;7403708681;7004979187;55665875600
? Authoraffiliationids: 60025153;60025153;60025153;60121711;60025153
? Corresponding: Bracco S.

46.
? Title: Evaluation of Power System Lightning Performance-Part II: Application to an Overhead Distribution Network
? Venue: IEEE Transactions on Electromagnetic Compatibility
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 55
? Doi: 10.1109/Temc.2016.2601657
? Scopus ID: 2-s2.0-85026732646
? Issn: 00189375
? Volume: 59
? Issue: 1
? Pages: 146-153

? Authors: Brignone Massimo; Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad

? Keywords: Monte Carlo methods | overvoltage protection | power distribution lines | power system lightning effects

? Quartile:

2025:

? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)

? Condensed Matter Physics (Q2, rank 151, percentile 66)

? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)

2017:

? Electrical and Electronic Engineering (Q1, rank 166, percentile 75)

? Atomic and Molecular Physics, and Optics (Q2, rank 51, percentile 70)

? Condensed Matter Physics (Q2, rank 120, percentile 69)

? Source Id: 26051

? Author Ids: 8580886100;6603766602;7801615894;7403708681;7003719604

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60028186

? Corresponding: Brignone M.

47.

? Title: Evaluation of Power System Lightning Performance, Part I: Model and Numerical Solution Using the PSCAD-EMTDC Platform

? Venue: IEEE Transactions on Electromagnetic Compatibility

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 77

? Doi: 10.1109/Temc.2016.2601640

? Scopus ID: 2-s2.0-84994045344

? Issn: 00189375

? Volume: 59

? Issue: 1

? Pages: 137-145

? Authors: Brignone Massimo; Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad

? Keywords: Induced voltage | lightning | lightning performance | multiconductor lines | power system simulator

? Quartile:

2025:

? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)

? Condensed Matter Physics (Q2, rank 151, percentile 66)

? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)

2017:

? Electrical and Electronic Engineering (Q1, rank 166, percentile 75)

? Atomic and Molecular Physics, and Optics (Q2, rank 51, percentile 70)

? Condensed Matter Physics (Q2, rank 120, percentile 69)

? Source Id: 26051

? Author Ids: 8580886100;6603766602;7801615894;7403708681;7003719604

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60028186

? Corresponding: Brignone M.

48.

? Title: Optimal planning of the energy production mix in smart districts including renewable and cogeneration power plants

? Venue: IEEE 2nd International Smart Cities Conference Improving the Citizens Quality of Life Isc2 2016 Proceedings

? Year: 2016

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Doi: 10.1109/Isc2.2016.7580795
? Scopus ID: 2-s2.0-84994097608
? Authors: Bracco Stefano; Delfino Federico; Rossi Mansueto; Robba Michela; Pagnini Luisa
? Keywords: Cogeneration | Optimal planning | Photovoltaic | Smart districts | Wind turbines
? Source Id: 21100784246
? Author Ids: 15049159900;6603766602;7403708681;7004979187;55665875600
? Authoraffiliationids: 60025153;60025153;60025153;60121711;60025153
? Corresponding: Bracco S.

49.

? Title: A model predictive control approach for the optimization of polygeneration microgrids and demand response strategies
? Venue: Eeeic 2016 International Conference on Environment and Electrical Engineering
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.1109/Eeeic.2016.7555621
? Scopus ID: 2-s2.0-84988355393
? Authors: Bracco Stefano; Delfino Federico; Procopio Renato; Rossi Mansueto; Robba Michela
? Keywords: Demand response | model predictive control | optimal control | polygeneration microgrids | renewable energy
? Source Id: 21100780440
? Author Ids: 15049159900;6603766602;7801615894;7403708681;7004979187
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60121711
? Corresponding: Bracco S.

50.

? Title: A multi-objective optimization tool for the daily management of sustainable smart microgrids: Case Study: The savona campus SPM and SEB facilities
? Venue: 2016 International Symposium on Power Electronics Electrical Drives Automation and Motion Speedam 2016
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Speedam.2016.7526018
? Scopus ID: 2-s2.0-84994176891
? Pages: 683-688
? Authors: Bracco Stefano; Delfino Federico; Rossi Mansueto; Robba Michela
? Keywords: energy management systems | optimization | smart microgrids | sustainable buildings
? Source Id: 21100784241
? Author Ids: 15049159900;6603766602;7403708681;7004979187
? Authoraffiliationids: 60025153;60025153;60025153;60121711
? Corresponding: Bracco S.

51.

? Title: An energy management platform for smart microgrids
? Venue: Studies in Computational Intelligence
? Year: 2016

? Type: Book Series
? Subtype: Book Chapter
? Citations: 3
? Doi: 10.1007/978-3-662-49179-9_10
? Scopus ID: 2-s2.0-84965123780
? Issn: 1860949x
? Volume: 627
? Pages: 207-225
? Authors: Delfino Federico; Rossi Mansueto; Pampararo Fabio; Barillari Luca
? Quartile:
2025:
? Artificial Intelligence (Q3, rank 308, percentile 37)
2016:
? Artificial Intelligence (Q3, rank 112, percentile 30)
? Source Id: 4900152708
? Author Ids: 6603766602;7403708681;36782697700;55568698600
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Delfino F.

52.

? Title: A pilot facility for analysis and simulation of smart microgrids feeding smart buildings
? Venue: Renewable and Sustainable Energy Reviews
? Year: 2016
? Type: Journal
? Subtype: Review
? Citations: 37
? DOI: 10.1016/j.rser.2015.12.225
? Scopus ID: 2-s2.0-84954305717
? Issn: 13640321
? eISSN: 18790690
? Volume: 58
? Pages: 1247-1255
? Authors: Bracco Stefano; Delfino Federico; Pampararo Fabio; Robba Michela; Rossi Mansueto
? Keywords: Experimental test-bed | Optimization | Renewable energy | Smart grids | Sustainable buildings
? Quartile:
2025:
? Renewable Energy, Sustainability and the Environment (Q1, rank 7, percentile 97)
2016:
? Renewable Energy, Sustainability and the Environment (Q1, rank 6, percentile 95)
? Source Id: 27567
? Author Ids: 15049159900;6603766602;36782697700;7004979187;7403708681
? Authoraffiliationids: 120591612;120591612;120591612;60121711;120591612
? Corresponding: Bracco S.

53.

? Title: Energy management in hybrid systems coupling PV and electrical storage
? Venue: Iisa 2015 6th International Conference on Information Intelligence Systems and Applications
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/IISA.2015.7388080

? Scopus ID: 2-s2.0-84963812827
? Authors: Brignone Massimo; Delfino Federico; Pampararo Fabio; Procopio Renato; Rossi Mansueto; Barillari Luca
? Keywords: energy efficiency | energy management | sustainable microgrids
? Source Id: 21100455695
? Author Ids: 8580886100;6603766602;36782697700;7801615894;7403708681;55568698600
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Brignone M.

54.

? Title: The Smart City Energy infrastructures at the Savona Campus of the University of Genoa
? Venue: Aeit 2016 International Annual Conference Sustainable Development in the Mediterranean Area Energy and ICT Networks of the Future
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 19
? Doi: 10.23919/Aeit.2016.7892774
? Scopus ID: 2-s2.0-85018379665
? Authors: Bracco Stefano; Delfino Federico; Laiolo Paola; Rossi Mansueto
? Keywords: energy management | microgrids | power system planning | Smart city | sustainability
? Source Id: 21100866813
? Author Ids: 15049159900;6603766602;56576462300;7403708681
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bracco S.

55.

? Title: MPC-based tertiary and secondary optimal control in islanded microgrids
? Venue: 1st IEEE International Symposium on Systems Engineering Isse 2015 Proceedings
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? DOI: 10.1109/SysEng.2015.7302507
? Scopus ID: 2-s2.0-84954534603
? Pages: 23-28
? Authors: Delfino F.; Rossi M.; Ferro G.; Minciardi R.; Robba M.
? Keywords: hierarchical control | islanded mode | microgrids | optimization | renewables
? Source Id: 21100438183
? Author Ids: 6603766602;7403708681;57062015700;7005785660;7004979187
? Authoraffiliationids: 60025153;60025153;60121711;60121711;60121711
? Corresponding: Delfino F.

56.

? Title: An optimization based architecture for local systems managed by PLC devices
? Venue: 1st IEEE International Symposium on Systems Engineering Isse 2015 Proceedings
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? DOI: 10.1109/SysEng.2015.7302506
? Scopus ID: 2-s2.0-84954483273
? Pages: 17-22
? Authors: Delfino F.; Rossi M.; Minciardi R.; Robba M.; Rossi M.

? Keywords: electrical storage | microgrids | model predictive control | optimal control | Renewables

? Source Id: 21100438183

? Author Ids: 6603766602;7403708681;7005785660;7004979187;57683874100

? Authoraffiliationids: 60025153;60025153;60121711;60121711;60121711

? Corresponding: Delfino F.

57.

? Title: An equivalent electric circuit for the thermal Network of the Savona Campus Smart Polygeneration Microgrid

? Venue: 2015 IEEE Eindhoven Powertech Powertech 2015

? Year: 2015

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.1109/Ptc.2015.7232394

? Scopus ID: 2-s2.0-84951304251

? Authors: Barillari Luca; Bracco Stefano; Brignone Massimo; Delfino Federico; Pampararo Fabio; Pacciani Carola; Procopio Renato; Rossi Mansueto; Nilberto Alessandro

? Keywords: Energy Management | Optimization Algorithm | Parameter Identification | Smart grids | Thermal Network

? Source Id: 21100431809

? Author Ids: 55568698600;15049159900;8580886100;6603766602;36782697700;57016725100;7801615894;7403708681;9245207700

? Authoraffiliationids:

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

? Corresponding: Barillari L.

58.

? Title: A dynamic optimization-based architecture for polygeneration microgrids with tri-generation, renewables, storage systems and electrical vehicles

? Venue: Energy Conversion and Management

? Year: 2015

? Type: Journal

? Subtype: Article

? Citations: 129

? DOI: 10.1016/j.enconman.2015.03.013

? Scopus ID: 2-s2.0-84925293286

? Issn: 01968904

? Volume: 96

? Pages: 511-520

? Authors: Bracco Stefano; Delfino Federico; Pampararo Fabio; Robba Michela; Rossi Mansueto

? Keywords: Optimization | Renewable energy | Smart grids

? Quartile:

2025:

? Nuclear Energy and Engineering (Q1, rank 2, percentile 98)

? Energy Engineering and Power Technology (Q1, rank 12, percentile 96)

? Fuel Technology (Q1, rank 7, percentile 95)

? Renewable Energy, Sustainability and the Environment (Q1, rank 21, percentile 93)

2015:

? Nuclear Energy and Engineering (Q1, rank 2, percentile 97)

? Energy Engineering and Power Technology (Q1, rank 8, percentile 95)

? Fuel Technology (Q1, rank 5, percentile 94)

? Renewable Energy, Sustainability and the Environment (Q1, rank 19, percentile 85)

? Source Id: 29372

- ? Author Ids: 15049159900;6603766602;36782697700;7004979187;7403708681
? Authoraffiliationids: 113360839;113360839;113360839;60121711;113360839
? Corresponding: Bracco S.
- 59.
- ? Title: A receding-horizon approach for active and reactive power flows optimization in microgrids
? Venue: 2014 IEEE Conference on Control Applications Cca Part of 2014 IEEE Multi Conference on Systems and Control Msc 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Cca.2014.6981445
? Scopus ID: 2-s2.0-84920546202
? Pages: 867-872
? Authors: Bonfiglio A.; Bracco S.; Brignone M.; Delfino F.; Pampararo F.; Procopio R.; Robba M.; Rossi M.
? Source Id: 21101060560
? Author Ids: 36607521000;15049159900;8580886100;6603766602;36782697700;7801615894;7004979187;7403708681
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60025153;60025153;60121711;60025153
? Corresponding: Bonfiglio A.
- 60.
- ? Title: An equivalent two-port model for a transmission line of finite length accounting for high-frequency effects
? Venue: IEEE Transactions on Electromagnetic Compatibility
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 9
? Doi: 10.1109/Temc.2014.2320986
? Scopus ID: 2-s2.0-84919929949
? Issn: 00189375
? Volume: 56
? Issue: 6
? Pages: 1657-1665
? Authors: Brignone Massimo; Delfino Federico; Procopio Renato; Rossi Mansueto
? Keywords: Full-wave analysis | high-frequency (HF) coupling | terminations | transmission line (TL) models
? Quartile:
2025:
? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)
? Condensed Matter Physics (Q2, rank 151, percentile 66)
? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)
2014:
? Electrical and Electronic Engineering (Q1, rank 122, percentile 81)
? Atomic and Molecular Physics, and Optics (Q1, rank 34, percentile 78)
? Condensed Matter Physics (Q1, rank 92, percentile 76)
? Source Id: 26051
? Author Ids: 8580886100;6603766602;7801615894;7403708681
? Authoraffiliationids: 114853576;114853576;114853576;114853576
? Corresponding: Brignone M.

61.

? Title: A semi-analytical formula for the evaluation of the indirect lightning performance of overhead power lines
? Venue: IEEE International Symposium on Electromagnetic Compatibility
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.1109/EMCEurope.2014.6930969
? Scopus ID: 2-s2.0-84908689173
? Issn: 10774076
? eISSN: 21581118
? Pages: 560-564
? Authors: Brignone Massimo; Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad
? Keywords: lightning performance | LIOV-EMTP | power quality | probability density functions
? Source Id: 17274
? Author Ids: 8580886100;6603766602;7801615894;7403708681;7003719604
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60028186
? Corresponding: Brignone M.

62.

? Title: Day ahead microgrid optimization: A comparison among different models
? Venue: Opt I 2014 1st International Conference on Engineering and Applied Sciences Optimization Proceedings
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 26
? Scopus ID: 2-s2.0-84911872204
? Pages: 1153-1165
? Authors: Bonfiglio A.; Barillari L.; Bendato I.; Bracco S.; Brignone M.; Delfino F.; Pampararo F.; Procopio R.; Robba M.; Rossi M.
? Keywords: Energy storage | Micorgrids | Optimal power flow | Smartgrids
? Source Id: 21100348502
? Author Ids: 36607521000;55568698600;56426374300;15049159900;8580886100;6603766602;36782697700;7801615894;7004979187;7403708681
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bonfiglio A.

63.

? Title: Development and assessment of Decentralized Energy Management System in a smart Microgrid
? Venue: lisa 2014 5th International Conference on Information Intelligence Systems and Applications
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/lisa.2014.6878746
? Scopus ID: 2-s2.0-84906751548
? Pages: 125-130
? Authors: Delfino Federico; Barillari Luca; Pampararo Fabio; Rossi Mansueto; Zakariazadeh Alireza; Molfino Paolo; Podesta Andrea; Venturin Alessandro; Robertelli Nicoletta

- ? Keywords: energy management | Microgrid | renewable generations | smart grid
? Source Id: 21100332232
? Author Ids: 6603766602;55568698600;36782697700;7403708681;35411007400;7003420937;3524
3535700;59891881800;56342264100
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60083122;60083122;60083122
? Corresponding: Delfino F.
- 64.
- ? Title: Optimal control of active power flows in Smart Microgrids
? Venue: 2014 IEEE Innovative Smart Grid Technologies Asia Isgt Asia 2014
? Year: 2014
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? DOI: 10.1109/ISGT-Asia.2014.6873853
? Scopus ID: 2-s2.0-84906674294
? Pages: 560-565
? Authors: Bonfiglio Andrea; Brignone Massimo; Delfino Federico; Pampararo Fabio;
Procopio Renato; Rossi Mansueto; Robba Michela; Bracco Stefano
? Keywords: Microgrid | Optimal Control | Optimization | Power Systems | Renewable
Energy Soureces (RES)
? Source Id: 21100332188
? Author Ids: 36607521000;8580886100;6603766602;36782697700;7801615894;7403708681;70049
79187;15049159900
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bonfiglio A.
- 65.
- ? Title: A mathematical model for the optimal operation of the University of Genoa
Smart Polygeneration Microgrid: Evaluation of technical, economic and environmental
performance indicators
? Venue: Energy
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 99
? DOI: 10.1016/j.energy.2013.10.039
? Scopus ID: 2-s2.0-84891482146
? Issn: 03605442
? Volume: 64
? Pages: 912-922
? Authors: Bracco Stefano; Delfino Federico; Pampararo Fabio; Robba Michela; Rossi
Mansueto
? Keywords: Combined heat and power | Distributed management systems | Information and
communication technologies | Optimization | Smart grid
? 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)
- 2014:
- ? Pollution (Q1, rank 5, percentile 95)
 - ? Energy (all) (Q1, rank 4, percentile 93)
- ? Source Id: 29348
- ? Author Ids: 15049159900;6603766602;36782697700;7004979187;7403708681
- ? Authoraffiliationids: 60025153;60025153;60025153;60121711;60025153
- ? Corresponding: Bracco S.
- 66.
- ? Title: An optimization algorithm for the operation planning of the University of Genoa smart polygeneration microgrid
 - ? Venue: Proceedings of Irep Symposium Bulk Power System Dynamics and Control IX Optimization Security and Control of the Emerging Power Grid Irep 2013
 - ? Year: 2013
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 35
 - ? Doi: 10.1109/Irep.2013.6629397
 - ? Scopus ID: 2-s2.0-84890466863
 - ? Authors: Bonfiglio Andrea; Barillari Luca; Brignone Massimo; Delfino Federico; Pampararo Fabio; Procopio Renato; Rossi Mansueto; Bracco Stefano; Robba Michela
 - ? Source Id: 21100275408
 - ? Author Ids: 36607521000;55568698600;8580886100;6603766602;36782697700;7801615894;7403708681;15049159900;7004979187
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
 - ? Corresponding: Bonfiglio A.
- 67.
- ? Title: Planning and management of sustainable microgrids: The test-bed facilities at the University of Genoa
 - ? Venue: IEEE AFRICON Conference
 - ? Year: 2013
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 28
 - ? Doi: 10.1109/Afrcon.2013.6757862
 - ? Scopus ID: 2-s2.0-84897441276
 - ? Issn: 21530025
 - ? eISSN: 21530033
 - ? Authors: Bracco Stefano; Delfino Federico; Pampararo Fabio; Robba Michela; Rossi Mansueto
 - ? Keywords: CHP technologies | control | microgrids | renewables | sustainable buildings | test-bed facilities
 - ? Quartile:
 - 2025:
 - ? Electrical and Electronic Engineering (Q3, rank 667, percentile 33)
 - ? Computer Science Applications (Q3, rank 705, percentile 28)
- ? Source Id: 88865
- ? Author Ids: 15049159900;6603766602;36782697700;7004979187;7403708681
- ? Authoraffiliationids:

60025153;113749052-60025153;113749052-60025153;60121711-60025153;113749052-60025153

? Corresponding: Bracco S.

68.

? 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;60025153

? Corresponding: Bonfiglio A.

69.

? Title: The University of Genoa smart polygeneration microgrid test-bed facility: The overall system, the technologies and the research challenges

? Venue: Renewable and Sustainable Energy Reviews

? Year: 2013

? Type: Journal

? Subtype: Review

? Citations: 100

? DOI: 10.1016/j.rser.2012.10.009

? Scopus ID: 2-s2.0-84869869650

? Issn: 13640321

? Volume: 18

? Pages: 442-459

? Authors: Bracco Stefano; Delfino Federico; Pampararo Fabio; Robba Michela; Rossi Mansueto

? Keywords: Control | Distributed generation | Optimization | Renewable energy | Simulation | Smart grids

? Quartile:

2025:

? Renewable Energy, Sustainability and the Environment (Q1, rank 7, percentile 97)

2013:

? Renewable Energy, Sustainability and the Environment (Q1, rank 6, percentile 94)

? Source Id: 27567

? Author Ids: 15049159900;6603766602;36782697700;7004979187;7403708681

? Authoraffiliationids: 113216375;113216466;113216466;60121711;113216466

? Corresponding: Bracco S.

70.

? Title: Economic and environmental performances quantification of the university of Genoa Smart Polygeneration Microgrid

? Venue: 2012 IEEE International Energy Conference and Exhibition Energycon 2012

? Year: 2012

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 31
? DOI: 10.1109/EnergyCon.2012.6348222
? Scopus ID: 2-s2.0-84870814640
? Pages: 593-598
? Authors: Bracco Stefano; Delfino Federico; Pampararo Fabio; Robba Michela; Rossi Mansueto
? Keywords: avoided CO₂ emissions | cogeneration | primary energy saving | running costs | Smart grid
? Source Id: 21100223117
? Author Ids: 15049159900;6603766602;36782697700;7004979187;7403708681
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bracco S.

71.

? Title: A system of systems model for the control of the University of Genoa Smart Polygeneration Microgrid
? Venue: Proceedings 2012 7th International Conference on System of Systems Engineering Sose 2012
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 26
? DOI: 10.1109/SYSoSE.2012.6384186
? Scopus ID: 2-s2.0-84878662045
? Pages: 7-12
? Authors: Bracco Stefano; Delfino Federico; Pampararo Fabio; Robba Michela; Rossi Mansueto
? Keywords: optimal control | polygeneration | renewable energy | Smart microgrid
? Source Id: 21100220364
? Author Ids: 15049159900;6603766602;36782697700;7004979187;7403708681
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bracco S.

72.

? Title: The Smart Polygeneration Microgrid test-bed facility of Genoa University
? Venue: Proceedings of the Universities Power Engineering Conference
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 38
? Doi: 10.1109/Upec.2012.6398656
? Scopus ID: 2-s2.0-84872837707
? Authors: Bonfiglio A.; Delfino F.; Pampararo F.; Procopio R.; Rossi M.; Barillari L.
? Keywords: IEC 61850 | Low Voltage Smart Grid | Test-Bed Facility
? Source Id: 69722
? Author Ids: 36607521000;6603766602;36782697700;7801615894;7403708681;55568698600
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bonfiglio A.

73.

? Title: Technical and compatibility issues in the design of HVDC sea electrodes
? Venue: IEEE International Symposium on Electromagnetic Compatibility
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper

? Citations: 11
? DOI: 10.1109/EMCEurope.2012.6396841
? Scopus ID: 2-s2.0-84872537281
? Issn: 10774076
? eISSN: 21581118
? Authors: Girdinio Paola; Molfino Paolo; Nervi Mario; Rossi Mansueto; Bertani Alessandro; Malgarotti Stefano
? Source Id: 17274
? Author Ids: 7003430835;7003420937;7003586072;7403708681;8275188700;9742164400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60083358;60083358
? Corresponding: Girdinio P.

74.

? Title: The use of the regularization theory for the analysis of the field-to-line coupling problem
? Venue: IEEE International Symposium on Electromagnetic Compatibility
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? DOI: 10.1109/EMCEurope.2012.6396724
? Scopus ID: 2-s2.0-84872514436
? Issn: 10774076
? eISSN: 21581118
? Authors: Brignone Massimo; Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad; Tkachenko Sergei
? Keywords: full wave analysis | high-frequency coupling | radiation effects | transmission line models
? Source Id: 17274
? Author Ids: 8580886100;6603766602;7801615894;7403708681;7003719604;57197218114
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60028186;60018362
? Corresponding: Brignone M.

75.

? Title: Prony series representation for the lightning channel base current
? Venue: IEEE Transactions on Electromagnetic Compatibility
? Year: 2012
? Type: Journal
? Subtype: Article
? Citations: 39
? Doi: 10.1109/Temc.2011.2161636
? Scopus ID: 2-s2.0-84860200637
? Issn: 00189375
? Volume: 54
? Issue: 2
? Pages: 308-315
? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad
? Keywords: Channel base current | electromagnetic radiation | interpolation | lightning
? Quartile:
2025:
? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)
? Condensed Matter Physics (Q2, rank 151, percentile 66)
? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)
2012:
? Electrical and Electronic Engineering (Q1, rank 90, percentile 85)

- ? Atomic and Molecular Physics, and Optics (Q1, rank 23, percentile 84)
 - ? Condensed Matter Physics (Q1, rank 64, percentile 83)
 - ? Source Id: 26051
 - ? Author Ids: 6603766602;7801615894;7403708681;7003719604
 - ? Authoraffiliationids: 60025153;60025153;60025153;60028186
 - ? Corresponding: Delfino F.
- 76.
- ? Title: A feedback linearization control scheme for the integration of wind energy conversion systems into distribution grids
 - ? Venue: IEEE Systems Journal
 - ? Year: 2012
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 47
 - ? Doi: 10.1109/Jsyst.2011.2163002
 - ? Scopus ID: 2-s2.0-84857646014
 - ? Issn: 19328184
 - ? eISSN: 19379234
 - ? Volume: 6
 - ? Issue: 1
 - ? Pages: 85-93
 - ? Authors: Delfino Federico; Pampararo Fabio; Procopio Renato; Rossi Mansueto
 - ? Keywords: Direct drive | feedback linearization | permanent magnet synchronous generator | wind power
 - ? Quartile:
- 2025:
- ? Computer Networks and Communications (Q1, rank 25, percentile 95)
 - ? Electrical and Electronic Engineering (Q1, rank 49, percentile 95)
 - ? Control and Systems Engineering (Q1, rank 25, percentile 93)
 - ? Computer Science Applications (Q1, rank 68, percentile 93)
 - ? Information Systems (Q1, rank 35, percentile 93)
- 2012:
- ? Electrical and Electronic Engineering (Q1, rank 143, percentile 76)
 - ? Control and Systems Engineering (Q2, rank 49, percentile 74)
 - ? Source Id: 11300153734
 - ? Author Ids: 6603766602;36782697700;7801615894;7403708681
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153
 - ? Corresponding: Delfino F.
- 77.
- ? Title: Lightning electromagnetic field calculations in presence of a conducting ground: The numerical treatment of sommerfeld?`s integrals
 - ? Venue: Lightning Electromagnetics
 - ? Year: 2012
 - ? Type: Book
 - ? Subtype: Book Chapter
 - ? Citations: 0
 - ? DOI: 10.1049/PBPO062E_ch13
 - ? Scopus ID: 2-s2.0-85014280998
 - ? Pages: 515-565
 - ? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto
 - ? Keywords: Conducting ground | Field waveforms | Ground electrical parameters | Ground parameters | Lightning | Lightning electromagnetic field calculations | Lightning electromagnetic field components | Sommerfeld integrals | Stratification effect | Stratified conducting ground

? Source Id: 21100798524

? Author Ids: 6603766602;7801615894;7403708681

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Delfino F.

78.

? Title: An effective approach for high-frequency electromagnetic field-to-line coupling analysis based on regularization techniques

? Venue: IEEE Transactions on Electromagnetic Compatibility

? Year: 2012

? Type: Journal

? Subtype: Article

? Citations: 25

? Doi: 10.1109/Temc.2012.2200297

? Scopus ID: 2-s2.0-84871377139

? Issn: 00189375

? Volume: 54

? Issue: 6

? Pages: 1289-1297

? Authors: Brignone Massimo; Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad; Tkachenko Sergey V.

? Keywords: Full-wave analysis | high-frequency coupling | radiation effects | transmission line models

? Quartile:

2025:

? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)

? Condensed Matter Physics (Q2, rank 151, percentile 66)

? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)

2012:

? Electrical and Electronic Engineering (Q1, rank 90, percentile 85)

? Atomic and Molecular Physics, and Optics (Q1, rank 23, percentile 84)

? Condensed Matter Physics (Q1, rank 64, percentile 83)

? Source Id: 26051

? Author Ids: 8580886100;6603766602;7801615894;7403708681;7003719604;57197218114

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60028186;60018362

? Corresponding: Brignone M.

79.

? Title: Rational approximation for the time domain implementation of Cooray-Rubinstein formula

? Venue: 2011 IEEE Pes Trondheim Powertech the Power of Technology for A Sustainable Society Powertech 2011

? Year: 2011

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1109/Ptc.2011.6019451

? Scopus ID: 2-s2.0-80053350888

? Authors: Delfino Federico; Girdinio Paola; Procopio Renato; Rossi Mansueto; Rachidi Farhad

? Keywords: Electromagnetic radiation | ground wave propagation | lightning modeling | lightning return stroke

? Source Id: 19900195048

? Author Ids: 6603766602;7003430835;7801615894;7403708681;7003719604

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60028186

? Corresponding: Delfino F.

80.

- ? Title: Time-domain implementation of Cooray-Rubinstein formula via convolution integral and rational approximation
- ? Venue: IEEE Transactions on Electromagnetic Compatibility
- ? Year: 2011
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 39
- ? Doi: 10.1109/Temc.2011.2107325
- ? Scopus ID: 2-s2.0-80052056284
- ? Issn: 00189375
- ? Volume: 53
- ? Issue: 3
- ? Pages: 755-763
- ? Authors: Delfino Federico; Girdinio Paola; Procopio Renato; Rossi Mansueto; Rachidi Farhad
- ? Keywords: Electromagnetic radiation | ground wave propagation | lightning modeling | lightning return stroke
- ? Quartile:
 - 2025:
 - ? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)
 - ? Condensed Matter Physics (Q2, rank 151, percentile 66)
 - ? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)
 - 2011:
 - ? Electrical and Electronic Engineering (Q1, rank 130, percentile 78)
 - ? Atomic and Molecular Physics, and Optics (Q2, rank 39, percentile 72)
 - ? Condensed Matter Physics (Q2, rank 109, percentile 71)
- ? Source Id: 26051
- ? Author Ids: 6603766602;7003430835;7801615894;7403708681;7003719604
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60028186
- ? Corresponding: Delfino F.

81.

- ? Title: High-frequency EHV/HV autotransformer model identification from LEMP test data
- ? Venue: IEEE Transactions on Power Delivery
- ? Year: 2011
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 11
- ? Doi: 10.1109/TPWRD.2009.2039151
- ? Scopus ID: 2-s2.0-79953168106
- ? Issn: 08858977
- ? Volume: 26
- ? Issue: 2
- ? Pages: 714-724
- ? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto
- ? Keywords: Electromagnetic transients | identification | lightning electromagnetic pulse (LEMP) tests | power autotransformer | power system simulation
- ? Quartile:
 - 2025:
 - ? Electrical and Electronic Engineering (Q1, rank 98, percentile 90)
 - ? Energy Engineering and Power Technology (Q1, rank 49, percentile 85)
 - 2011:
 - ? Energy Engineering and Power Technology (Q1, rank 14, percentile 91)
 - ? Electrical and Electronic Engineering (Q1, rank 72, percentile 87)

? Source Id: 17370
? Author Ids: 6603766602;7801615894;7403708681
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Delfino F.

82.

? Title: Lightning electromagnetic radiation over a stratified conducting ground: 2. Validity of simplified approaches
? Venue: Journal of Geophysical Research Atmospheres
? Year: 2011
? Type: Journal
? Subtype: Article
? Citations: 43
? Doi: 10.1029/2010jd015078
? Scopus ID: 2-s2.0-79958834445
? Issn: 01480227
? Volume: 116
? Issue: 11
? Authors: Shoory Abdolhamid; Rachidi Farhad; Delfino Federico; Procopio Renato; Rossi Mansueto
? Quartile:
2011:
? Subject (Q1, rank 2, percentile 98)
? Subject (Q1, rank 4, percentile 97)
? Subject (Q1, rank 3, percentile 97)
? Subject (Q1, rank 7, percentile 96)
? Subject (Q1, rank 4, percentile 95)
? Subject (Q1, rank 6, percentile 93)
? Subject (Q1, rank 5, percentile 93)
? Subject (Q1, rank 8, percentile 93)
? Subject (Q1, rank 19, percentile 92)
? Subject (Q1, rank 9, percentile 90)
? Subject (Q1, rank 9, percentile 90)
? Subject (Q1, rank 14, percentile 86)
? Subject (Q1, rank 14, percentile 81)
? Source Id: 28428
? Author Ids: 12140205500;7003719604;6603766602;7801615894;7403708681
? Authoraffiliationids: 60028186;60028186;60025153;60025153;60025153
? Corresponding: Shoory A.

83.

? Title: Lightning electromagnetic radiation over a stratified conducting ground: Formulation and numerical evaluation of the electromagnetic fields
? Venue: Journal of Geophysical Research Atmospheres
? Year: 2011
? Type: Journal
? Subtype: Article
? Citations: 40
? Doi: 10.1029/2010jd015077
? Scopus ID: 2-s2.0-79951891291
? Issn: 01480227
? Volume: 116
? Issue: 4
? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto; Shoory Abdolhamid; Rachidi Farhad
? Quartile:

2011:

- ? Subject (Q1, rank 2, percentile 98)
 - ? Subject (Q1, rank 4, percentile 97)
 - ? Subject (Q1, rank 3, percentile 97)
 - ? Subject (Q1, rank 7, percentile 96)
 - ? Subject (Q1, rank 4, percentile 95)
 - ? Subject (Q1, rank 6, percentile 93)
 - ? Subject (Q1, rank 5, percentile 93)
 - ? Subject (Q1, rank 8, percentile 93)
 - ? Subject (Q1, rank 19, percentile 92)
 - ? Subject (Q1, rank 9, percentile 90)
 - ? Subject (Q1, rank 9, percentile 90)
 - ? Subject (Q1, rank 14, percentile 86)
 - ? Subject (Q1, rank 14, percentile 81)
- ? Source Id: 28428
- ? Author Ids: 6603766602;7801615894;7403708681;12140205500;7003719604
- ? Authoraffiliationids: 60025153;60025153;60025153;60028186;60028186
- ? Corresponding: Delfino F.

84.

- ? Title: The effect of a horizontally stratified ground on lightning electromagnetic fields
 - ? Venue: IEEE International Symposium on Electromagnetic Compatibility
 - ? Year: 2010
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 10
 - ? Doi: 10.1109/Isemc.2010.5711245
 - ? Scopus ID: 2-s2.0-79952394856
 - ? Issn: 10774076
 - ? Pages: 45-50
 - ? Authors: Delfino F.; Procopio R.; Rossi M.; Shoory A.; Rachidi F.
 - ? Source Id: 17274
- ? Author Ids: 6603766602;7801615894;7403708681;12140205500;7003719604
- ? Authoraffiliationids: 60025153;60025153;60025153;60028186;60028186
- ? Corresponding: Delfino F.

85.

- ? 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.

86.

- ? Title: Integration of large-size photovoltaic systems into the distribution grids: A P-Q chart approach to assess reactive support capability

? Venue: Iet Renewable Power Generation
? Year: 2010
? Type: Journal
? Subtype: Article
? Citations: 70
? DOI: 10.1049/iet-rpg.2009.0134
? Scopus ID: 2-s2.0-77954466620
? Issn: 17521416
? eISSN: 17521424
? Volume: 4
? Issue: 4
? Pages: 329-340
? Authors: Delfino F.; Procopio R.; Rossi M.; Ronda G.
? Quartile:
2025:
? Renewable Energy, Sustainability and the Environment (Q2, rank 120, percentile 61)
? Source Id: 5600152809
? Author Ids: 6603766602;7801615894;7403708681;35189588800
? Authoraffiliationids: 60025153;60025153;60025153;60102057
? Corresponding: Delfino F.

87.
? Title: Influence of frequency-dependent soil electrical parameters on the evaluation of lightning electromagnetic fields in air and underground
? Venue: Journal of Geophysical Research Atmospheres
? Year: 2009
? Type: Journal
? Subtype: Article
? Citations: 49
? Doi: 10.1029/2008jd011127
? Scopus ID: 2-s2.0-68749090885
? Issn: 01480227
? Volume: 114
? Issue: 11
? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad
? Source Id: 28428
? Author Ids: 6603766602;7801615894;7403708681;7003719604
? Authoraffiliationids: 60025153;60025153;60025153;60028186
? Corresponding: Delfino F.

88.
? Title: A new method for the solution of convolution-type dual integral-equation systems occurring in engineering electromagnetics
? Venue: Journal of Engineering Mathematics
? Year: 2009
? Type: Journal
? Subtype: Article
? Citations: 4
? DOI: 10.1007/s10665-008-9245-z
? Scopus ID: 2-s2.0-58049211938
? Issn: 00220833
? eISSN: 15732703
? Volume: 63
? Issue: 1
? Pages: 51-59
? Authors: Delfino Federico; Procopio R.; Rossi M.

? Keywords: Convolution-type integral equations | Electrostatic problems | Fourier-series expansion

? Quartile:

2025:

? Mathematics (all) (Q1, rank 94, percentile 77)

? Engineering (all) (Q3, rank 181, percentile 47)

? Source Id: 12485

? Author Ids: 6603766602;7801615894;7403708681

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Delfino F.

89.

? Title: Lightning return stroke current radiation in presence of a conducting ground:

1. Theory and numerical evaluation of the electromagnetic fields

? Venue: Journal of Geophysical Research Atmospheres

? Year: 2008

? Type: Journal

? Subtype: Article

? Citations: 88

? Doi: 10.1029/2007jd008553

? Scopus ID: 2-s2.0-43449114802

? Issn: 01480227

? Volume: 113

? Issue: 5

? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto

? Source Id: 28428

? Author Ids: 6603766602;7801615894;7403708681

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Delfino F.

90.

? Title: Lightning return stroke current radiation in presence of a conducting ground:

2. Validity assessment of simplified approaches

? Venue: Journal of Geophysical Research Atmospheres

? Year: 2008

? Type: Journal

? Subtype: Article

? Citations: 88

? Doi: 10.1029/2007jd008567

? Scopus ID: 2-s2.0-43449090987

? Issn: 01480227

? Volume: 113

? Issue: 5

? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad; Nucci Carlo Alberto

? Source Id: 28428

? Author Ids: 6603766602;7801615894;7403708681;7003719604;7006123266

? Authoraffiliationids: 60025153;60025153;60025153;60028186;60028218

? Corresponding: Delfino F.

91.

? Title: Implementation of surface impedance boundary conditions in the cell method via the vector fitting technique

? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering

? Year: 2007

? Type: Journal

? Subtype: Article
? Citations: 4
? Doi: 10.1108/03321640710751271
? Scopus ID: 2-s2.0-34547376542
? Issn: 03321649
? Volume: 26
? Issue: 3
? Pages: 859-872
? Authors: Alotto P.; De Cian A.; Molinari G.; Rossi M.
? Keywords: Electromagnetic fields | Numerical analysis | Simulation
? Quartile:
2025:
? Applied Mathematics (Q2, rank 262, percentile 61)
? Computational Theory and Mathematics (Q2, rank 93, percentile 54)
? Electrical and Electronic Engineering (Q2, rank 486, percentile 51)
? Computer Science Applications (Q3, rank 541, percentile 44)
? Source Id: 28454
? Author Ids: 35493099300;12790325500;35496417300;7403708681
? Authoraffiliationids: 60000481;60025153;60025153;60025153
? Corresponding: Alotto P.

92.

? Title: An algorithm for the exact evaluation of the underground lightning electromagnetic fields
? Venue: IEEE Transactions on Electromagnetic Compatibility
? Year: 2007
? Type: Journal
? Subtype: Article
? Citations: 75
? Doi: 10.1109/Temc.2007.897127
? Scopus ID: 2-s2.0-34347397801
? Issn: 00189375
? Volume: 49
? Issue: 2
? Pages: 401-411
? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto; Rachidi Farhad; Nucci Carlo Alberto
? Keywords: Electromagnetic propagation in absorbing media | Lightning | Modeling
? Quartile:
2025:
? Electrical and Electronic Engineering (Q2, rank 303, percentile 69)
? Condensed Matter Physics (Q2, rank 151, percentile 66)
? Atomic and Molecular Physics, and Optics (Q2, rank 83, percentile 65)
? Source Id: 26051
? Author Ids: 6603766602;7801615894;7403708681;7003719604;7006123266
? Authoraffiliationids: 60025153;60025153;60025153;60028186;60028218
? Corresponding: Delfino F.

93.

? Title: An Equivalent Circuit Model For Lemp-Excited Transmission Lines
? Venue: EMC Europe 2006 Barcelona International Symposium on Electromagnetic Compatibility
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0

? Doi: 10.23919/Emc.2006.10813078
? Scopus ID: 2-s2.0-86000235013
? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto; Girdinio Paola
? Source Id: 21101280292
? Author Ids: 6603766602;7801615894;7403708681;7003430835
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Delfino F.

94.

? Title: Evaluation Of Underground Lightning Electromagnetic Fields
? Venue: EMC Europe 2006 Barcelona International Symposium on Electromagnetic Compatibility
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.23919/Emc.2006.10813048
? Scopus ID: 2-s2.0-86000225991
? Authors: Delfino F.; Procopio R.; Rossi M.; Rachidi F.; Nucci C. A.
? Source Id: 21101280292
? Author Ids: 6603766602;7801615894;7403708681;7003719604;7006123266
? Authoraffiliationids: 60025153;60025153;60025153;60028186;60028218
? Corresponding: Delfino F.

95.

? Title: An improved simulated annealing algorithm for the channel allocation problem in cellular networks
? Venue: 12th Biennial IEEE Conference on Electromagnetic Field Computation Cefc 2006
? Year: 2006
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Cefc-06.2006.1632918
? Scopus ID: 2-s2.0-42749104315
? Pages: 126
? Authors: Girdinio P.; Nervi M.; Rossi M.
? Source Id: 5000158514
? Author Ids: 7003430835;7003586072;7403708681
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Girdinio P.

96.

? Title: A field-to-line coupling model for overvoltage analysis in light-rail transit DC traction power systems
? Venue: IEEE Transactions on Power Delivery
? Year: 2006
? Type: Journal
? Subtype: Article
? Citations: 11
? Doi: 10.1109/Tpwr.2005.852357
? Scopus ID: 2-s2.0-33244487177
? Issn: 08858977
? Volume: 21
? Issue: 1
? Pages: 270-277
? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto
? Keywords: Electromagnetic coupling | Electromagnetic transient propagation |

Overvoltage protection

? Quartile:

2025:

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

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

? Source Id: 17370

? Author Ids: 6603766602;7801615894;7403708681

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Delfino F.

97.

? Title: Electromagnetic optimization for UMTS cellular networks

? Venue: Iceaa 2005 9th International Conference on Electromagnetics in Advanced Applications and Eesc 2005 11th European Electromagnetic Structures Conference

? Year: 2005

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-84875305953

? Pages: 349-352

? Authors: Girdinio P.; Nervi M.; Rossi M.; Bianco B.; Moggia E.; Zich R. E.; Valbonesi L.; Mussetta M.

? Source Id: 21100235608

? Author Ids: 7003430835;7003586072;7403708681;7005080001;6602458027;7003795629;15842711500;57201889588

? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;60023256;60023256;60023256

? Corresponding: Girdinio P.

98.

? Title: Characterization of a railways system overhead transmission line excited by a lightning electromagnetic field

? Venue: Wit Transactions on Modelling and Simulation

? Year: 2005

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Scopus ID: 2-s2.0-21544440645

? Issn: 17464064

? Pages: 631-641

? Authors: Delfino F.; Procopio R.; Rossi M.

? Keywords: Lightning | Overvoltages | Transmission lines | Transportation systems

? Source Id: 144842

? Author Ids: 6603766602;7801615894;7403708681

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Delfino F.

99.

? Title: Full-Maxwell analysis of loaded multiconductor lines

? Venue: Piers 2004 Progress in Electromagnetics Research Symposium Extended Papers Proceedings

? Year: 2004

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-54249142224

? Pages: 133-136

? Authors: Rossi M.
? Source Id: 12400154702
? Author Ids: 7403708681
? Authoraffiliationids: 60025153
? Corresponding: Rossi M.

100.

? Title: Evaluation of capacitance matrix of a finite-length multiconductor transmission line

? Venue: IEE Proceedings Science Measurement and Technology

? Year: 2004

? Type: Conference Proceeding

? Subtype: Article

? Citations: 4

? DOI: 10.1049/ip-smt:20040670

? Scopus ID: 2-s2.0-7744225363

? Issn: 13502344

? Volume: 151

? Issue: 5

? Pages: 347-353

? Authors: Delfino F.; Procopio R.; Rossi M.

? Source Id: 17419

? Author Ids: 6603766602;7801615894;7403708681

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Delfino F.

101.

? Title: Current and near field calculations for cellular base-station collinear array antennas

? Venue: IEEE Transactions on Magnetics

? Year: 2004

? Type: Journal

? Subtype: Article

? Citations: 2

? Doi: 10.1109/Tmag.2004.824721

? Scopus ID: 2-s2.0-2342511587

? Issn: 00189464

? Volume: 40

? Issue: 2 II

? Pages: 1480-1483

? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto

? Keywords: Arrays | Dipole antennas | Electric fields

? Quartile:

2025:

? Electrical and Electronic Engineering (Q2, rank 334, percentile 66)

? Electronic, Optical and Magnetic Materials (Q2, rank 134, percentile 56)

? Source Id: 17364

? Author Ids: 6603766602;7801615894;7403708681

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Delfino F.

102.

? Title: Overvoltage protection of Light Railway Transportation Systems

? Venue: 2003 IEEE Bologna Powertech Conference Proceedings

? Year: 2003

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 7
? Doi: 10.1109/Ptc.2003.1304746
? Scopus ID: 2-s2.0-84861511689
? Volume: 4
? Pages: 345-352
? Authors: Delfino F.; Procopio R.; Rossi M.
? Keywords: Electric traction | Electromagnetic transient propagation | Overvoltage protection
? Source Id: 21100496130
? Author Ids: 6603766602;7801615894;7403708681
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Delfino F.

103.

? Title: A full-Maxwell algorithm for the field-to-multiconductor line-coupling problem
? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering
? Year: 2003
? Type: Journal
? Subtype: Article
? Citations: 8
? Doi: 10.1108/03321640310475209
? Scopus ID: 2-s2.0-0041520744
? Issn: 03321649
? Volume: 22
? Issue: 3
? Pages: 789-805
? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto; Nervi Mario
? Keywords: Electromagnetic fields | Electromagnetics | Modelling
? Quartile:

2025:

? Applied Mathematics (Q2, rank 262, percentile 61)
? Computational Theory and Mathematics (Q2, rank 93, percentile 54)
? Electrical and Electronic Engineering (Q2, rank 486, percentile 51)
? Computer Science Applications (Q3, rank 541, percentile 44)

? Source Id: 28454
? Author Ids: 6603766602;7801615894;7403708681;7003586072
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Delfino F.

104.

? Title: Lightning current identification over a conducting ground plane
? Venue: Radio Science
? Year: 2003
? Type: Journal
? Subtype: Article
? Citations: 11
? Doi: 10.1029/2001rs002521
? Scopus ID: 2-s2.0-0041883649
? Issn: 00486604
? Volume: 38
? Issue: 3
? Pages: 15/11
? Authors: Delfino Federico; Procopio Renato; Rossi Mansueto; Verolino Luigi
? Quartile:
2025:

? Earth and Planetary Sciences (all) (Q2, rank 89, percentile 55)
? Electrical and Electronic Engineering (Q2, rank 483, percentile 51)
? Condensed Matter Physics (Q3, rank 278, percentile 37)
? Source Id: 28580
? Author Ids: 6603766602;7801615894;7403708681;7003322700
? Authoraffiliationids: 60025153;60025153;60025153;60017293
? Corresponding: Delfino F.

105.

? Title: Analysis of several methods for the response evaluation of HF field excited finite lines
? Venue: IEEE Transactions on Magnetics
? Year: 2003
? Type: Journal
? Subtype: Article
? Citations: 3
? Doi: 10.1109/Tmag.2003.810369
? Scopus ID: 2-s2.0-0038182003
? Issn: 00189464
? Volume: 39
? Issue: 3 I
? Pages: 1606-1609
? Authors: Delfino Federico; Maradei Francescaromana; Procopio Renato; Rossi Manseuto
? Keywords: Electromagnetic (EM) compatibility | High-frequency (HF) electromagnetic field | Transmission line modeling
? Quartile:
2025:
? Electrical and Electronic Engineering (Q2, rank 334, percentile 66)
? Electronic, Optical and Magnetic Materials (Q2, rank 134, percentile 56)
? Source Id: 17364
? Author Ids: 6603766602;57226721394;7801615894;7403708681
? Authoraffiliationids: 60025153;60032350;60025153;60025153
? Corresponding: Delfino F.

106.

? Title: Field and current flow analysis of the buried feeding line of the innovative electric transport concept STREAM
? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering
? Year: 2002
? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1108/03321640210437842
? Scopus ID: 2-s2.0-0036378607
? Issn: 03321649
? Volume: 21
? Issue: 4
? Pages: 591-603
? Authors: Alotto P.; Delfino F.; Molinari G.; Rossi M.; Siciliano V.; Ventura P. O.
? Keywords: 3D | Electrical machines | Finite element simulation | Transport
? Quartile:
2025:
? Applied Mathematics (Q2, rank 262, percentile 61)
? Computational Theory and Mathematics (Q2, rank 93, percentile 54)
? Electrical and Electronic Engineering (Q2, rank 486, percentile 51)

? Computer Science Applications (Q3, rank 541, percentile 44)
? Source Id: 28454
? Author Ids: 35493099300;6603766602;35496417300;7403708681;19036443200;26031151600
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60073836;60073836
? Corresponding: Alotto P.

107.

? Title: Technique for computing the response of a line of finite length excited by high frequency electromagnetic fields
? Venue: IEE Proceedings Science Measurement and Technology
? Year: 2002
? Type: Journal
? Subtype: Conference Paper
? Citations: 7
? DOI: 10.1049/ip-smt:20020637
? Scopus ID: 2-s2.0-0036708917
? Issn: 13502344
? Volume: 149
? Issue: 5
? Pages: 289-292
? Authors: Delfino F.; Procopio R.; Rossi M.; Girdinio P.
? Source Id: 17419
? Author Ids: 6603766602;7801615894;7403708681;7003430835
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Delfino F.

108.

? Title: A new FEM approach for field and torque simulation of electrostatic microactuators
? Venue: Journal of Microelectromechanical Systems
? Year: 2002
? Type: Journal
? Subtype: Article
? Citations: 6
? Doi: 10.1109/Jmems.2002.800931
? Scopus ID: 2-s2.0-0036687723
? Issn: 10577157
? Volume: 11
? Issue: 4
? Pages: 362-371
? Authors: Delfino Federico; Rossi Mansueto
? Keywords: Computer-aided design (CAD) | Electrostatic actuation | Finite-element method (FEM) | Floating conductor | Torque computation
? Quartile:

2025:

? Mechanical Engineering (Q1, rank 154, percentile 79)
? Electrical and Electronic Engineering (Q1, rank 237, percentile 76)

? Source Id: 17276

? Author Ids: 6603766602;7403708681
? Authoraffiliationids: 60025153;60025153
? Corresponding: Delfino F.

109.

? Title: Lightning Current Identification in Presence of a Lossy Ground
? Venue: International Symposium on Electromagnetic Compatibility 2002 EMC Europe Sorrento
? Year: 2002

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.23919/Emc.2002.10880069
? Scopus ID: 2-s2.0-85219749302
? Pages: 939-944
? Authors: Delfino F.; Procopio R.; Rossi M.; Andreotti A.; Verolino L.
? Source Id: 21101278680
? Author Ids: 6603766602;7801615894;7403708681;35564985300;7003322700
? Authoraffiliationids: 60025153;60025153;60025153;60017293;60017293
? Corresponding: Delfino F.

110.

? Title: HF Electromagnetic Field Coupling to a Transmission Line of Finite Length over a Perfectly Conducting Ground
? Venue: International Symposium on Electromagnetic Compatibility 2002 EMC Europe Sorrento
? Year: 2002
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.23919/Emc.2002.10879847
? Scopus ID: 2-s2.0-84889291023
? Pages: 1231-1236
? Authors: Delfino F.; Procopio R.; Rossi M.; Andreotti A.; Verolino L.
? Source Id: 21101278680
? Author Ids: 6603766602;7801615894;7403708681;35564985300;7003322700
? Authoraffiliationids: 60025153;60025153;60025153;60017293;60017293
? Corresponding: Delfino F.

111.

? Title: Evaluation of forces in magnetic materials by means of energy and co-energy methods
? Venue: European Physical Journal B
? Year: 2002
? Type: Journal
? Subtype: Article
? Citations: 15
? DOI: 10.1140/e10051-002-0005-y
? Scopus ID: 2-s2.0-0041733798
? Issn: 14346028
? Volume: 25
? Issue: 1
? Pages: 31-38
? Authors: Delfino F.; Procopio R.; Rossi M.
? Quartile:
2025:
? Electronic, Optical and Magnetic Materials (Q3, rank 188, percentile 39)
? Condensed Matter Physics (Q3, rank 281, percentile 37)
? Source Id: 27542
? Author Ids: 6603766602;7801615894;7403708681
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Delfino F.

112.

? Title: Numerical calculation of total force upon permanent magnets using equivalent source methods

? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering

? Year: 2001

? Type: Journal

? Subtype: Article

? Citations: 12

? Doi: 10.1108/03321640110383311

? Scopus ID: 2-s2.0-0035787637

? Issn: 03321649

? Volume: 20

? Issue: 2

? Pages: 431-447

? Authors: Delfino Federico; Manella Andrea; Molfino Paolo; Rossi Mansueto

? Keywords: Finite element method | Force | Numerical methods | Permanent magnets

? Quartile:

2025:

? Applied Mathematics (Q2, rank 262, percentile 61)

? Computational Theory and Mathematics (Q2, rank 93, percentile 54)

? Electrical and Electronic Engineering (Q2, rank 486, percentile 51)

? Computer Science Applications (Q3, rank 541, percentile 44)

? Source Id: 28454

? Author Ids: 6603766602;6506810735;7003420937;7403708681

? Authoraffiliationids:

60025153;60025153-101905330;60025153-101905330;60025153-101905330

? Corresponding: Delfino F.