

## GIRDINIO PAOLA

### Overview

? Unit: ELE  
? Role: Professore ordinario  
? Grade: Prof.Ordinario DPR 232/11 art.2 - t.pieno - cl. 9  
? SSD: IJET-01/A (Elettrotecnica)  
? Scopus ID: 7003430835  
? Unige Id: 045816  
? Retrieved at: 2025-11-14T15:14:36.954752

### Contact

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? Phone: +39 010 33 52710  
? Page: <https://rubrica.unige.it/personale/VUdCU1tv>  
? Locations: Opera Pia - padiglione C (Ex CNR) (ED161450501), 3° piano, US161450501.III.013

### Career

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

### Teaching

2025

? Campi Elettrici E Magnetici (60335), L-9 - Ingegneria Elettrica  
? Electromagnetic Compatibility (118119), Lm-28 - Electrical Engineering For Energy Transition

2024

? Compatibilit  Elettromagnetica (56558), Lm-28 - Ingegneria Elettrica

2023

? Compatibilit  Elettromagnetica (56558), Lm-28 - Ingegneria Elettrica

2022

? Compatibilit  Elettromagnetica (56558), Lm-28 - Ingegneria Elettrica

2021

? Compatibilit  Elettromagnetica (56558), Lm-28 - Ingegneria Elettrica

2020

? Compatibilit  Elettromagnetica (56558), Lm-28 - Ingegneria Elettrica  
? Risk Propagation In Interconnected Infrastructures (106878), Cybersecurity And Critical Infrastructure Protection  
? Security And Threats To Critical Infrastructure (106871), Cybersecurity And Critical Infrastructure Protection

### Scopus Metrics

? absolute; Docs: 89; Journals: 61; Conferences: 26; Citations: 624; H-index: 13  
? 15 years (2010-2025); Docs: 25; Journals: 15; Conferences: 9; Citations: 294; H-index: 9  
? 10 years (2015-2025); Docs: 21; Journals: 13; Conferences: 7; Citations: 238; H-index: 7  
? 05 years (2020-2025); Docs: 16; Journals: 11; Conferences: 4; Citations: 142; H-index: 7

### Scopus Products

1.

? Title: Photo-Set: A Proposed Dataset and Benchmark for Physics-Based Cybersecurity Monitoring in Photovoltaic Systems ?  
? Venue: Energies  
? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? DOI: 10.3390/en18195318  
? Scopus ID: 2-s2.0-105018907042  
? eISSN: 19961073  
? Volume: 18  
? Issue: 19  
? Authors: Mokarim Afroz; Gaggero Giovanni Battista; Ferro Giulio; Robba Michela; Girdinio Paola; Marchese Mario  
? Keywords: anomaly detection | cybersecurity | dataset | distributed energy resources | photovoltaic | 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)  
? Source Id: 62932  
? Author Ids: 57210415425;57216708944;57062015700;7004979187;7003430835;7004398165  
? Authoraffiliationids: 60025153;60025153;60121711;60121711;60025153;60025153  
? Corresponding: Mokarim A.

2.

? Title: Cybersecurity Issues in Electrical Protection Relays: A Systematic Review  
? Venue: Energies  
? Year: 2025  
? Type: Journal  
? Subtype: Review  
? Citations: 0  
? DOI: 10.3390/en18143796  
? Scopus ID: 2-s2.0-105011621726  
? eISSN: 19961073  
? Volume: 18  
? Issue: 14  
? Authors: Gaggero Giovanni Battista; Girdinio Paola; Marchese Mario  
? Keywords: cyber security | electrical protection | protection relay | review  
? 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)  
? Source Id: 62932  
? Author Ids: 57216708944;7003430835;7004398165

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Gaggero G.B.

3.

? Title: Artificial Intelligence and Physics-Based Anomaly Detection in the Smart Grid:  
A Survey

? Venue: IEEE Access

? Year: 2025

? Type: Journal

? Subtype: Review

? Citations: 16

? Doi: 10.1109/Access.2025.3537410

? Scopus ID: 2-s2.0-85217069329

? eISSN: 21693536

? Volume: 13

? Pages: 23597-23606

? Authors: Gaggero Giovanni Battista; Girdinio Paola; Marchese Mario

? Keywords: AI | anomaly detection | physics-based anomaly detection | Review | smart  
grid

? Quartile:

2025:

? Engineering (all) (Q1, rank 42, percentile 88)

? Computer Science (all) (Q1, rank 41, percentile 83)

? Materials Science (all) (Q1, rank 101, percentile 78)

? Source Id: 21100374601

? Author Ids: 57216708944;7003430835;7004398165

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Gaggero G.B.

4.

? Title: A Security Operation and Event Management (SOEM) Platform for Critical  
Infrastructures Protection

? Venue: Computers Materials and Continua

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 0

? DOI: 10.32604/cmc.2025.068509

? Scopus ID: 2-s2.0-105020024502

? Issn: 15462218

? eISSN: 15462226

? Volume: 85

? Issue: 3

? Pages: 5327-5340

? Authors: Caviglia Roberto; Aliaskharov Daniyar; Aceti Alessio; Preda Mila Dalla;  
Girdinio Paola; Gaggero Giovanni Battista

? Keywords: Cybersecurity | intrusion detection | monitoring | SIEM | SOC

? Quartile:

2025:

? Modeling and Simulation (Q1, rank 54, percentile 85)

? Electrical and Electronic Engineering (Q2, rank 254, percentile 74)

? Mechanics of Materials (Q2, rank 117, percentile 71)

? Computer Science Applications (Q2, rank 279, percentile 71)

? Biomaterials (Q2, rank 66, percentile 54)

? Source Id: 24364

? Author Ids: 57700266100;60159359300;58609673600;60056635500;7003430835;57216708944

? Authoraffiliationids: 133312116;60025153;133312116;60032256;60025153;60025153  
? Corresponding: Caviglia R.

5.

? Title: Should We Include Cyberdefense Functionalities in Electrical Power System Protections?: A Proposed Approach  
? Venue: IEEE Industrial Electronics Magazine  
? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 5  
? Doi: 10.1109/Mie.2024.3416907  
? Scopus ID: 2-s2.0-105004023864  
? Issn: 19324529  
? eISSN: 19410115  
? Volume: 19  
? Issue: 1  
? Pages: 10-16  
? Authors: Gaggero Giovanni Battista; Mokarim Afroz; Girdinio Paola; Marchese Mario  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q1, rank 92, percentile 90)  
? Industrial and Manufacturing Engineering (Q1, rank 47, percentile 88)  
? Source Id: 5800207505  
? Author Ids: 57216708944;57210415425;7003430835;7004398165  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Gaggero G.B.

6.

? Title: From microgrids to virtual power plants: A cybersecurity perspective  
? Venue: Iot Enabled Dc Microgrids Architecture Algorithms Applications and Technologies  
? Year: 2024  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 1  
? Scopus ID: 2-s2.0-85206234694  
? Pages: 103-120  
? Authors: Gaggero Giovanni; Piserˆ Diego; Girdinio Paola; Silvestro Federico; Marchese Mario  
? Source Id: 21101253473  
? Author Ids: 57216708944;57226694852;7003430835;23026343700;7004398165  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Gaggero G.

7.

? Title: Toward a Security Operation Center for Operational Technology in Industrial Networks  
? Venue: 2024 IEEE International Workshop on Technologies for Defense and Security Techdefense 2024 Proceedings  
? Year: 2024  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? DOI: 10.1109/TechDefense63521.2024.10863654  
? Scopus ID: 2-s2.0-85218337379  
? Pages: 160-164

? Authors: Gaggero Giovanni Battista; Caviglia Roberto; Girdinio Paola; Marchese Mario  
? Source Id: 21101276067  
? Author Ids: 57216708944;57700266100;7003430835;7004398165  
? Authoraffiliationids:  
60025153-100505222;60025153-130228801-100505222;60025153-100505222;60025153-100505222  
? Corresponding: Gaggero G.B.

8.

? Title: An IEC 62443-Based Framework for Secure-by-Design Energy Communities  
? Venue: IEEE Access  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 5  
? Doi: 10.1109/Access.2024.3492316  
? Scopus ID: 2-s2.0-85209085879  
? eISSN: 21693536  
? Volume: 12  
? Pages: 166320-166332  
? Authors: Gaggero Giovanni Battista; Armellin Alessandro; Girdinio Paola; Marchese Mario  
? Keywords: cybersecurity | Energy community | security by design | smart grid  
? Quartile:  
2025:  
? Engineering (all) (Q1, rank 42, percentile 88)  
? Computer Science (all) (Q1, rank 41, percentile 83)  
? Materials Science (all) (Q1, rank 101, percentile 78)  
2024:  
? Engineering (all) (Q1, rank 32, percentile 90)  
? Computer Science (all) (Q1, rank 33, percentile 86)  
? Materials Science (all) (Q1, rank 87, percentile 81)  
? Source Id: 21100374601  
? Author Ids: 57216708944;57699327800;7003430835;7004398165  
? Authoraffiliationids: 60025153;60025153-128824789;60025153;60025153  
? Corresponding: Gaggero G.B.

9.

? Title: Are IDS Violating Segmentation in Industrial Networks?  
? Venue: Proceedings of the 2024 IEEE International Conference on Cyber Security and Resilience Csr 2024  
? Year: 2024  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Doi: 10.1109/Csr61664.2024.10679425  
? Scopus ID: 2-s2.0-85206212466  
? Pages: 45-49  
? Authors: Gaggero Giovanni Battista; Caviglia Roberto; Girdinio Paola; Marchese Mario  
? Keywords: IEC 62443 | Industrial Control System | Intrusion Detection System | Network Segmentation  
? Source Id: 21101253086  
? Author Ids: 57216708944;57700266100;7003430835;7004398165  
? Authoraffiliationids: 60025153;60025153-130228801;60025153;60025153  
? Corresponding: Gaggero G.B.

10.

? Title: BESS-Set: A Dataset for Cybersecurity Monitoring in a Battery Energy Storage

## System

? Venue: IEEE Open Access Journal of Power and Energy

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 5

? Doi: 10.1109/Oajpe.2024.3439856

? Scopus ID: 2-s2.0-85200813502

? eISSN: 26877910

? Volume: 11

? Pages: 362-372

? Authors: Battista Gaggero Giovanni; Armellin Alessandro; Ferro Giulio; Robba Michela; Girdinio Paola; Marchese Mario

? Keywords: anomaly detection | cybersecurity | Dataset | distributed energy resources | smart grid | storage

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 222, percentile 77)

? Energy Engineering and Power Technology (Q2, rank 89, percentile 72)

2024:

? Electrical and Electronic Engineering (Q1, rank 183, percentile 81)

? Energy Engineering and Power Technology (Q2, rank 76, percentile 74)

? Source Id: 21101059747

? Author Ids: 57216708944;57699327800;57062015700;7004979187;7003430835;7004398165

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

? Corresponding: Battista Gaggero G.

## 11.

? Title: Novel Cybersecurity Issues in Smart Energy Communities

? Venue: 1st International Conference in Advanced Innovation on Smart City Icaisc 2023 Proceedings

? Year: 2023

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 13

? Doi: 10.1109/Icaisc56366.2023.10085312

? Scopus ID: 2-s2.0-85153051667

? Authors: Gaggero Giovanni Battista; Piser<sup>^</sup> Diego; Girdinio Paola; Silvestro Federico; Marchese Mario

? Keywords: Cybersecurity | Energy Community | Smart Grid

? Source Id: 21101147411

? Author Ids: 57216708944;57226694852;7003430835;23026343700;7004398165

? Authoraffiliationids: 60025153;60025153-126318742;60025153;60025153;60025153

? Corresponding: Gaggero G.B.

## 12.

? 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.

13.

? Title: Cybersecurity Issues in Communication-Based Electrical Protections  
? Venue: International Conference on Electrical Computer and Energy Technologies Icecet 2022  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 7  
? Doi: 10.1109/Icecet55527.2022.9873081  
? 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.

14.

? Title: Toward the integration of cyber and physical security monitoring systems for critical infrastructures  
? Venue: Sensors  
? Year: 2021  
? Type: Journal  
? Subtype: Article  
? Citations: 26  
? DOI: 10.3390/s21216970  
? Scopus ID: 2-s2.0-85117331623  
? Issn: 14248220  
? Volume: 21  
? Issue: 21

? Authors: Fausto Alessandro; Gaggero Giovanni Battista; Patrone Fabio; Girdinio Paola; Marchese Mario  
? Keywords: Anomaly detection | Critical infrastructure | Cybersecurity | Machine learning | Physical security  
? 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)  
2021:  
? Instrumentation (Q1, rank 12, percentile 91)  
? Electrical and Electronic Engineering (Q1, rank 134, percentile 81)  
? Atomic and Molecular Physics, and Optics (Q1, rank 42, percentile 79)  
? Analytical Chemistry (Q1, rank 27, percentile 79)  
? Information Systems (Q1, rank 77, percentile 78)  
? Biochemistry (Q2, rank 145, percentile 66)  
? Source Id: 130124  
? Author Ids: 57216708248;57216708944;56536292600;7003430835;7004398165  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Fausto A.

15.

? Title: Advancements and research trends in microgrids cybersecurity  
? Venue: Applied Sciences Switzerland  
? Year: 2021  
? Type: Journal  
? Subtype: Review  
? Citations: 21  
? DOI: 10.3390/app11167363  
? Scopus ID: 2-s2.0-85112518826  
? eISSN: 20763417  
? Volume: 11  
? Issue: 16  
? Authors: Gaggero Giovanni Battista; Girdinio Paola; Marchese Mario  
? Keywords: Anomaly detection | Cybersecurity | Intrusion detection systems (IDS) | Resiliency | Smart microgrids | Software defined networking (SDN)  
? Quartile:  
2025:  
? Engineering (all) (Q1, rank 69, percentile 80)  
? Instrumentation (Q1, rank 38, percentile 80)  
? Fluid Flow and Transfer Processes (Q1, rank 21, percentile 79)  
? Computer Science Applications (Q2, rank 294, percentile 70)  
? Materials Science (all) (Q2, rank 166, percentile 64)  
? Process Chemistry and Technology (Q2, rank 34, percentile 55)  
2021:  
? Engineering (all) (Q2, rank 81, percentile 73)  
? Instrumentation (Q2, rank 52, percentile 62)  
? Computer Science Applications (Q2, rank 301, percentile 59)  
? Fluid Flow and Transfer Processes (Q2, rank 37, percentile 58)  
? Materials Science (all) (Q2, rank 219, percentile 51)  
? Process Chemistry and Technology (Q3, rank 32, percentile 48)  
? Source Id: 21100829268



? Author Ids: 57216708944;7003430835;7004398165

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Gaggero G.B.

16.

? 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.

17.

? 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.

18.

? 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.

19.

? Title: Regularization techniques for the high-frequency electromagnetic field coupling problem with terminated lines  
? Venue: Journal of Engineering Mathematics  
? Year: 2016  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? DOI: 10.1007/s10665-015-9782-1  
? Scopus ID: 2-s2.0-84924544151  
? Issn: 00220833  
? eISSN: 15732703  
? Volume: 96  
? Issue: 1  
? Pages: 73-93  
? Authors: Brignone Massimo; Delfino Federico; Procopio Renato; Girdinio Paola  
? Keywords: Electromagnetic coupling | Regularization theory | Terminated lines | Transmission line models  
? Quartile:  
2025:  
? Mathematics (all) (Q1, rank 94, percentile 77)  
? Engineering (all) (Q3, rank 181, percentile 47)  
2016:  
? Mathematics (all) (Q1, rank 82, percentile 75)  
? Engineering (all) (Q2, rank 91, percentile 66)  
? Source Id: 12485  
? Author Ids: 8580886100;6603766602;7801615894;7003430835  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Brignone M.

20.

? Title: Life Cycle Assessment and Life Cycle Costing of a SOFC system for distributed power generation  
? Venue: Energy Conversion and Management  
? Year: 2015  
? Type: Journal  
? Subtype: Article  
? Citations: 85

? DOI: 10.1016/j.enconman.2015.04.068  
? Scopus ID: 2-s2.0-84929157914  
? Issn: 01968904  
? Volume: 100  
? Pages: 64-77  
? Authors: Strazza Carlo; Del Borghi Adriana; Costamagna Paola; Gallo Michela; Brignole Emma; Girdinio Paola  
? Keywords: Biogas | Life Cycle Assessment | Life Cycle Costing | Microturbine | Natural Gas | Solid Oxide Fuel Cell  
? 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: 24537996800;57189692396;7003269793;15841679700;56640999700;7003430835  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Strazza C.

21.

? Title: A two-step procedure for the energy management in smart microgrids accounting for economical and power quality issues  
? Venue: 2015 IEEE 15th International Conference on Environment and Electrical Engineering Eeeic 2015 Conference Proceedings  
? Year: 2015  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1109/Eeeic.2015.7165194  
? Scopus ID: 2-s2.0-84943153053  
? Pages: 395-400  
? Authors: Bonfiglio Andrea; Brignone Massimo; Delfino Federico; Girdinio Paola; Pampararo Fabio; Procopio Renato  
? Keywords: energy management | optimal scheduling | optimization | power quality | smart grids  
? Source Id: 21100413842  
? Author Ids: 36607521000;8580886100;6603766602;7003430835;36782697700;7801615894  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bonfiglio A.

22.

? 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.

23.

? 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.

24.

? 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.

25.

? Title: Quasi static optimized management of a multinode CHP plant  
? Venue: Energy Conversion and Management  
? Year: 2010  
? Type: Journal  
? Subtype: Article  
? Citations: 5  
? DOI: 10.1016/j.enconman.2010.04.011  
? Scopus ID: 2-s2.0-77953915573  
? Issn: 01968904  
? Volume: 51  
? Issue: 11  
? Pages: 2367-2373  
? Authors: Broccardo M.; Girdinio P.; Moccia S.; Molino P.; Nervi M.; Prato A. Pini  
? Keywords: Cogeneration | Optimization | Power generation dispatch | Power system control  
? 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)  
? Source Id: 29372  
? Author Ids: 35182537000;7003430835;57127343200;7003420937;7003586072;55493328400  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Broccardo M.

26.

? Title: Modular small-CHP plants optimized design as a way to reduce CO2 emissions  
? Venue: 2009 International Conference on Clean Electrical Power Icccep 2009  
? Year: 2009  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1109/Icccep.2009.5212092  
? Scopus ID: 2-s2.0-70350738699  
? Pages: 1-8  
? Authors: Broccardo M.; Girdinio P.; Martino E.; Moccia S.; Nervi M.; Pini Prato A.; Repetto M.  
? Keywords: CO2 emissions reduction | Cogeneration | Optimized plant design  
? Source Id: 19400157404  
? Author Ids:  
35182537000;7003430835;35183643400;57127343200;7003586072;55493328400;7102465243  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Broccardo M.

27.

? Title: Electromagnetic plane wave scattering from building surfaces  
? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering  
? Year: 2006  
? Type: Journal  
? Subtype: Article

? Citations: 4  
? Doi: 10.1108/03321640610684132  
? Scopus ID: 2-s2.0-33750028561  
? Issn: 03321649  
? Volume: 25  
? Issue: 4  
? Pages: 1007-1018  
? Authors: Delfino F.; Girdinio P.; Minervini L.; Nervi M.  
? Keywords: Electromagnetism | Numerical analysis | Simulation | Urban areas | Wave propagation  
? 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;7003430835;34572465500;7003586072  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delfino F.

28.

? 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.

29.

? 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.

30.

? 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.

31.

? 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.

32.

? Title: Evaluation of the field coupling to a line of finite length - A comparison between the dual integral equation approach and the moment method

? Venue: IEEE Transactions on Magnetics

? Year: 2002

? Type: Journal

? Subtype: Article

? Citations: 7

? Doi: 10.1109/20.996199

? Scopus ID: 2-s2.0-0036493587

? Issn: 00189464

? Volume: 38

? Issue: 2 I

? Pages: 769-772

? Authors: Delfino Federico; Procopio Renato; Girdinio Paola; Andreotti Amedeo; Verolino Luigi

? Keywords: Electromagnetic compatibility | 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;7801615894;7003430835;35564985300;7003322700  
? Authoraffiliationids: 60025153;60025153;60025153;60017293;60017293  
? Corresponding: Delfino F.

33.

? Title: An identification procedure for lightning return strokes  
? Venue: Journal of Electrostatics  
? Year: 2001  
? Type: Journal  
? Subtype: Article  
? Citations: 16  
? Doi: 10.1016/S0304-3886(01)00097-3  
? Scopus ID: 2-s2.0-0035334750  
? Issn: 03043886  
? Volume: 51-52  
? Issue: 1-4  
? Pages: 326-332  
? Authors: Andreotti Amedeo; Delfino Federico; Girdinio Paola; Verolino Luigi  
? Keywords: Electric field | Lightning return stroke model | Recording of lightning  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q2, rank 420, percentile 57)  
? Condensed Matter Physics (Q3, rank 237, percentile 46)  
? Electronic, Optical and Magnetic Materials (Q3, rank 167, percentile 46)  
? Surfaces, Coatings and Films (Q3, rank 78, percentile 43)  
? Biotechnology (Q3, rank 181, percentile 43)  
? Source Id: 18041  
? Author Ids: 35564985300;6603766602;7003430835;7003322700  
? Authoraffiliationids: 60017293;60025153;60025153;60017293  
? Corresponding: Andreotti A.

34.

? Title: A New Method To Identify Return Stroke Characteristics  
? Venue: 14th International Zurich Symposium and Technical Exhibition on Electromagnetic Compatibility EMC 2001  
? Year: 2001  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Doi: 10.23919/Emc.2001.10792006  
? Scopus ID: 2-s2.0-85214902522  
? Authors: Andreotti A.; Delfino F.; De Martinis U.; Girdinio P.; Verolino L.  
? Source Id: 21101269358  
? Author Ids: 35564985300;6603766602;6603552514;7003430835;7003322700  
? Authoraffiliationids: 60017293;60025153;60017293;60025153;60017293  
? Corresponding: Andreotti A.

35.

? Title: A field-based inverse algorithm for the identification of different height lightning return strokes  
? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering  
? Year: 2001  
? Type: Journal  
? Subtype: Article



? Citations: 19  
? Doi: 10.1108/03321640110393716  
? Scopus ID: 2-s2.0-0035787851  
? Issn: 03321649  
? Volume: 20  
? Issue: 3  
? Pages: 724-731  
? Authors: Andreotti Amedeo; Delfino Federico; Girdinio Paola; Verolino Luigi  
? Keywords: Electromagnetics | Inverse problems  
? 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: 35564985300;6603766602;7003430835;7003322700  
? Authoraffiliationids: 60017293;60025153;60017293;60025153  
? Corresponding: Andreotti A.

36.

? Title: Techniques for the automatic optimisation of active shields  
? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering  
? Year: 2001  
? Type: Journal  
? Subtype: Article  
? Citations: 4  
? Doi: 10.1108/03321640110393734  
? Scopus ID: 2-s2.0-0035787633  
? Issn: 03321649  
? Volume: 20  
? Issue: 3  
? Pages: 732-739  
? Authors: Girdinio P.; Nervi M.  
? Keywords: Magnetic shielding | Optimization  
? 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: 7003430835;7003586072  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Girdinio P.

37.

? Title: Comparison between analytical and numerical simulations of LF shielding efficiency  
? Venue: IEEE Transactions on Magnetics  
? Year: 2001  
? Type: Journal  
? Subtype: Article  
? Citations: 5  
? Doi: 10.1109/20.952682

? Scopus ID: 2-s2.0-0035441307  
? Issn: 00189464  
? Volume: 37  
? Issue: 5 I  
? Pages: 3648-3652  
? Authors: Bertoni A.; Delfino F.; Girdinio P.; Nervi M.  
? Keywords: Finite element analysis | Magnetic shielding  
? 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: 57540253800;6603766602;7003430835;7003586072  
? Authoraffiliationids: 100828146;60025153;60025153;60025153  
? Corresponding: Bertoni A.

38.

? Title: Equivalent source methods for 3-D force calculation with nodal and mixed FEM in magnetostatic problems  
? Venue: IEEE Transactions on Magnetism  
? Year: 2001  
? Type: Journal  
? Subtype: Article  
? Citations: 3  
? Doi: 10.1109/20.952561  
? Scopus ID: 2-s2.0-0035440691  
? Issn: 00189464  
? Volume: 37  
? Issue: 5  
? Pages: 3137-3140  
? Authors: Bobbio Scipione; Alotto Piergiorgio; Delfino Federico; Girdinio Paola; Molfino Paolo  
? Keywords: Finite element method | Force computation | Magnetostatics  
? 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: 7004127123;35493099300;6603766602;7003430835;7003420937  
? Authoraffiliationids: 60017293;60025153;60025153;60025153;60025153  
? Corresponding: Bobbio S.

39.

? Title: Equivalent sources methods for the numerical evaluation of magnetic force with extension to nonlinear materials  
? Venue: IEEE Transactions on Magnetism  
? Year: 2000  
? Type: Journal  
? Subtype: Article  
? Citations: 38  
? Doi: 10.1109/20.877536  
? Scopus ID: 2-s2.0-0034223309  
? Issn: 00189464  
? Volume: 36  
? Issue: 4 Part 1  
? Pages: 663-666

? Authors: Bobbio Scipione; Delfino Federico; Girdinio Paola; Molfini Paolo  
? Keywords: Finite element method | Force computation | Magnetostatics  
? 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: 7004127123;6603766602;7003430835;7003420937  
? Authoraffiliationids: 60017293-60025153;60017293;60017293;60017293  
? Corresponding: Bobbio S.

40.

? Title: Adaptive FEM in 3D nonlinear magnetostatics  
? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering  
? Year: 2000  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1108/03321640010302780  
? Scopus ID: 2-s2.0-0033692202  
? Issn: 03321649  
? Volume: 19  
? Issue: 1  
? Pages: 39-47  
? Authors: Alotto P.; Castagnini A.; Girdinio P.; Nervi M.  
? 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;6602386144;7003430835;7003586072  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Alotto P.

41.

? Title: Hybrid deterministic/stochastic fuzzy methods for the optimization of electromagnetic devices  
? Venue: COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering  
? Year: 2000  
? Type: Journal  
? Subtype: Article  
? Citations: 3  
? Doi: 10.1108/03321640010302771  
? Scopus ID: 2-s2.0-0033689279  
? Issn: 03321649  
? Volume: 19  
? Issue: 1  
? Pages: 30-38  
? Authors: Alotto P.; Girdinio P.; Molinari G.; Nervi M.  
? 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;7003430835;35496417300;7003586072  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Alotto P.

42.

? Title: Adaptive finite element analysis of 2-D static and steady-state electromagnetic problems  
? Venue: International Journal for Numerical Methods in Engineering  
? Year: 1999  
? Type: Journal  
? Subtype: Article  
? Citations: 6  
? Doi: 10.1002/(Sici)1097-0207(19990520)45:2<215::Aid-Nme590>3.0.Co;2-O  
? Scopus ID: 2-s2.0-0032658892  
? Issn: 00295981  
? Volume: 45  
? Issue: 2  
? Pages: 215-243  
? Authors: Fernandes P.; Girdinio P.  
? Keywords: 2-D electromagnetic problems | A posteriori error estimation | Adaptive meshing | Computational electromagnetics | h-refinement | Triangular finite elements  
? Quartile:  
2025:  
? Applied Mathematics (Q1, rank 72, percentile 89)  
? Numerical Analysis (Q1, rank 11, percentile 88)  
? Engineering (all) (Q1, rank 66, percentile 81)  
? Source Id: 12336  
? Author Ids: 7102795214;7003430835  
? Authoraffiliationids: 60021199;60025153  
? Corresponding: Fernandes P.

43.

? Title: Error estimation and adaptive meshing in 3d electrostatic and magnetostatic problems  
? Venue: IEEE Transactions on Magnetics  
? Year: 1998  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/20.717764  
? Scopus ID: 2-s2.0-33748001663  
? Issn: 00189464  
? Volume: 34  
? Issue: 5 Part 1  
? Pages: 3256-3259  
? Authors: Alotto P.; Castagnini A.; Girdinio P.  
? Keywords: Electrostatic analysis | Error analysis | Magnetostatics | Unite element methods  
? 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: 35493099300;6602386144;7003430835  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Alotto P.

44.

? Title: Adaptive meshing in two-variable static problems with field based error estimators using edge and facet elements  
? Venue: Applied Computational Electromagnetics Society Journal  
? Year: 1997  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Scopus ID: 2-s2.0-0031103710  
? Issn: 10544887  
? Volume: 12  
? Issue: 1  
? Pages: 142-147  
? Authors: Girdinio P.; Molfino P.; Molinari G.; Nervi M.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q3, rank 678, percentile 32)  
? Astronomy and Astrophysics (Q3, rank 68, percentile 28)  
? Source Id: 13200  
? Author Ids: 7003430835;7003420937;35496417300;7003586072  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

45.

? Title: Time-harmonic mesh adaption with error estimate based on the "Local Field Error" approach  
? Venue: IEEE Transactions on Magnetism  
? Year: 1997  
? Type: Journal  
? Subtype: Article  
? Citations: 5  
? Doi: 10.1109/20.582610  
? Scopus ID: 2-s2.0-0031095341  
? Issn: 00189464  
? Volume: 33  
? Issue: 2 Part 2  
? Pages: 1744-1747  
? Authors: Alotto Piergiorgio; Girdinio Paola; Molfino Paolo; Nervi Mario  
? 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: 35493099300;7003430835;7003420937;7003586072  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Alotto P.

46.

? Title: Non-linear magnetostatic adaption using a "local field error" approach  
? Venue: IEEE Transactions on Magnetism  
? Year: 1996  
? Type: Journal

? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/20.497500  
? Scopus ID: 2-s2.0-33747902739  
? Issn: 00189464  
? Volume: 32  
? Issue: 3 Part 2  
? Pages: 1365-1368  
? Authors: Girdinio Paola  
? 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: 7003430835  
? Authoraffiliationids: 60025153  
? Corresponding: Girdinio P.

47.

? Title: Mesh adaption and optimization techniques in magnet design  
? Venue: IEEE Transactions on Magnetics  
? Year: 1996  
? Type: Journal  
? Subtype: Article  
? Citations: 13  
? Doi: 10.1109/20.511495  
? Scopus ID: 2-s2.0-0030192433  
? Issn: 00189464  
? Volume: 32  
? Issue: 4 Part 2  
? Pages: 2954-2957  
? Authors: Alotto P.; Girdinio P.; Molfino P.; Nervi M.  
? 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: 35493099300;7003430835;7003420937;7003586072  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Alotto P.

48.

? Title: Non-linear magnetostatic adaption using a 'local field error' approach  
? Venue: IEEE Transactions on Magnetics  
? Year: 1996  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Doi: 10.1109/20.497581  
? Scopus ID: 2-s2.0-0030149097  
? Issn: 00189464  
? Volume: 32  
? Issue: 3 /1  
? Pages: 1305-1368  
? Authors: Girdinio Paola; Molfino Paolo; Nervi Mario; Manella Andrea  
? 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: 7003430835;7003420937;7003586072;6506810735

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Girdinio P.

49.

? Title: Techniques of h-refinement in adaptive meshing algorithms

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

? Year: 1994

? Type: Journal

? Subtype: Article

? Citations: 3

? Scopus ID: 2-s2.0-0028426352

? Issn: 03321649

? Volume: 13

? Issue: Suppl A

? Pages: 329-334

? Authors: Fernandes P.; Girdinio P.; Molinari G.

? 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: 7102795214;7003430835;35496417300

? Authoraffiliationids: 60021199;60021199;60021199

? Corresponding: Fernandes P.

50.

? Title: A Gauged A, V-A-? Formulation Without  $\mathbf{A} \cdot \mathbf{n} = 0$  On Conductor Boundaries

? Venue: IEEE Transactions on Magnetics

? Year: 1994

? Type: Journal

? Subtype: Article

? Citations: 4

? Doi: 10.1109/20.312562

? Scopus ID: 2-s2.0-0028515590

? Issn: 00189464

? eISSN: 19410069

? Volume: 30

? Issue: 5

? Pages: 2976-2979

? Authors: Drago G.; Girdinio P.; Molfino P.; Nervi M.; Orlando R. A.; Sabbi G. L.; Secondo G.; Fernandes P.

? 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: 14053918700;7003430835;7003420937;7003586072;7201631894;35448622000;6603592830;7102795214

? Authoraffiliationids:  
60025153;60025153;60025153;60025153;60025153;60025153;60015860  
? Corresponding: Drago G.

51.

? Title: Finite Element Modelling of Charged Beams  
? Venue: IEEE Transactions on Magnetics  
? Year: 1994  
? Type: Journal  
? Subtype: Article  
? Citations: 9  
? Doi: 10.1109/20.312551  
? Scopus ID: 2-s2.0-0028515076  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 30  
? Issue: 5  
? Pages: 2932-2935  
? Authors: Girdinio P.; Repetto M.; Simkin J.  
? 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: 7003430835;7102465243;7003370002  
? Authoraffiliationids: 60025153;60012162;115666247  
? Corresponding: Girdinio P.

52.

? Title: Refinement Strategies in Adaptive Meshing  
? Venue: IEEE Transactions on Magnetics  
? Year: 1992  
? Type: Journal  
? Subtype: Article  
? Citations: 11  
? Doi: 10.1109/20.124040  
? Scopus ID: 2-s2.0-0026827135  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 28  
? Issue: 2  
? Pages: 1739-1742  
? Authors: Fernandes P.; Girdinio P.; Repetto M.; Secondo G.  
? 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: 7102795214;7003430835;7102465243;6603592830  
? Authoraffiliationids: 60021199;60025153;60025153;60025153  
? Corresponding: Fernandes P.

53.

? Title: A Flexible Environment for an Efficient Exploitation of Vector Features in  
Electric and Magnetic Analysis  
? Venue: IEEE Transactions on Magnetics  
? Year: 1992



? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/20.124042  
? Scopus ID: 2-s2.0-0026822570  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 28  
? Issue: 2  
? Pages: 1747-1750  
? Authors: Fernandes P.; Girdinio P.; Molinari G.; Fitzsimons C. J.  
? 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: 7102795214;7003430835;35496417300;6701531377  
? Authoraffiliationids: 60021199;60025153;60025153;60023254  
? Corresponding: Fernandes P.

54.

? Title: An evaluation of speedup in conjugate gradient routines with a mathematical vector library  
? Venue: IEEE Transactions on Magnetism  
? Year: 1991  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Doi: 10.1109/20.105031  
? Scopus ID: 2-s2.0-0026226043  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 27  
? Issue: 5  
? Pages: 4214-4216  
? Authors: Fernandes P.; Fitzsimons C. J.; Girdinio P.; Molinari G.; Rolando C.  
? 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: 7102795214;6701531377;7003430835;35496417300;7006216101  
? Authoraffiliationids: 60021199;60011149;60025153;60025153;60021199  
? Corresponding: Fernandes P.

55.

? Title: Local error estimation procedures as refinement indicators in adaptive meshing  
? Venue: IEEE Transactions on Magnetism  
? Year: 1991  
? Type: Journal  
? Subtype: Article  
? Citations: 8  
? Doi: 10.1109/20.105025  
? Scopus ID: 2-s2.0-0026225272  
? Issn: 00189464  
? eISSN: 19410069

? Volume: 27  
? Issue: 5  
? Pages: 4189-4192  
? Authors: Fernandes P.; Girdinio P.; Molinari G.; Repetto M.  
? 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: 7102795214;7003430835;35496417300;7102465243  
? Authoraffiliationids: 60021199;60025153;60025153;60025153  
? Corresponding: Fernandes P.

56.

? Title: Towards an environment for the integration of analysis and design  
? Venue: Computer Integrated Manufacturing Systems  
? Year: 1990  
? Type: Journal  
? Subtype: Article  
? Citations: 2  
? Doi: 10.1016/0951-5240(90)90061-I  
? Scopus ID: 2-s2.0-3142536883  
? Issn: 09515240  
? Volume: 3  
? Issue: 4  
? Pages: 216-222  
? Authors: Emson C.; Trowbridge C. W.; Girdinio P.; Molinari G.; Repetto M.  
? Keywords: computer-aided analysis | computer-aided design | computer-aided engineering | optimization | simulation techniques  
? Source Id: 36219  
? Author Ids: 7003732770;57211832355;7003430835;35496417300;7102465243  
? Authoraffiliationids:  
100312555;100312555;100312555-60025153;100312555-60025153;100312555-60025153  
? Corresponding: Emson C.

57.

? Title: An Enhanced Error Estimator Procedure for Finite Element Field Computation with Adaptive Mesh Refinement  
? Venue: IEEE Transactions on Magnetics  
? Year: 1990  
? Type: Journal  
? Subtype: Article  
? Citations: 10  
? Doi: 10.1109/20.104664  
? Scopus ID: 2-s2.0-0025493798  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 26  
? Issue: 5  
? Pages: 2187-2189  
? Authors: Fernandes P.; Girdinio P.; Molfino P.; Repetto M.  
? 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: 7102795214;7003430835;7003420937;7102465243  
? Authoraffiliationids: 60021199;60025153;60025153;60025153  
? Corresponding: Fernandes P.

58.

? Title: A comparison of adaptive strategies for mesh refinement based on ?a posteriori? local error estimation procedures  
? Venue: IEEE Transactions on Magnetism  
? Year: 1990  
? Type: Journal  
? Subtype: Article  
? Citations: 30  
? Doi: 10.1109/20.106437  
? Scopus ID: 2-s2.0-0025401631  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 26  
? Issue: 2  
? Pages: 795-798  
? Authors: Fernandes P.; Girdinio P.; Molfino P.; Molinari G.; Repetto M.  
? 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: 7102795214;7003430835;7003420937;35496417300;7102465243  
? Authoraffiliationids: 60021199;60025153;60025153;60025153;60025153  
? Corresponding: Fernandes P.

59.

? Title: Trends in computer hardware and software for computer aided design applications  
? Venue: IEEE Transactions on Magnetism  
? Year: 1990  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/20.106429  
? Scopus ID: 2-s2.0-0025401304  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 26  
? Issue: 2  
? Pages: 761-766  
? Authors: Girdinio Paola; Molinari Giorgio; Ridella Sandro  
? 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: 7003430835;35496417300;7006643280  
? Authoraffiliationids: 60025153;60025153;60021199  
? Corresponding: Girdinio P.

60.

? Title: Integrating analysis and design.  
? Venue: undefined

? Year: 1989  
? Type: Book  
? Subtype: Article  
? Citations: 0  
? Scopus ID: 2-s2.0-85040960262  
? Authors: Emson C.; Trowbridge C. W.; Freeman E. M.; Girdinio P.; Molinari G.; Repetto M.  
? Author Ids: 7003732770;57211832355;7202913367;7003430835;35496417300;7102465243  
? Corresponding: Emson C.

61.

? Title: A new storage scheme for an efficient implementation of the sparse matrix-vector product  
? Venue: Parallel Computing  
? Year: 1989  
? Type: Journal  
? Subtype: Article  
? Citations: 9  
? Doi: 10.1016/0167-8191(89)90090-2  
? Scopus ID: 2-s2.0-0024929915  
? Issn: 01678191  
? Volume: 12  
? Issue: 3  
? Pages: 327-333  
? Authors: Fernandes P.; Girdinio P.  
? Keywords: Linear algebra | performance measurements | programming techniques | vector computer  
? Quartile:  
2025:  
? Theoretical Computer Science (Q1, rank 32, percentile 76)  
? Computer Graphics and Computer-Aided Design (Q2, rank 35, percentile 73)  
? Computer Networks and Communications (Q2, rank 151, percentile 72)  
? Software (Q2, rank 165, percentile 67)  
? Hardware and Architecture (Q2, rank 78, percentile 66)  
? Artificial Intelligence (Q2, rank 171, percentile 65)  
? Source Id: 26138  
? Author Ids: 7102795214;7003430835  
? Authoraffiliationids: 60021199;60025153  
? Corresponding: Fernandes P.

62.

? Title: Effect of Streamer Shape and Dimensions on Local Electric Field Conditions  
? Venue: IEEE Transactions on Electrical Insulation  
? Year: 1988  
? Type: Journal  
? Subtype: Article  
? Citations: 14  
? Doi: 10.1109/14.7339  
? Scopus ID: 2-s2.0-0024054825  
? Issn: 00189367  
? Volume: 23  
? Issue: 4  
? Pages: 669-676  
? Authors: Girdinio P.; Molfino P.; Molinari G.; Viviani A.; FitzPatrick G. J.; Forster E. O.  
? Source Id: 34833

? Author Ids: 7003430835;7003420937;35496417300;7005669885;7102384469;7102916125  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60153573;60000473  
? Corresponding: Girdinio P.

63.

? Title: Numerical Computation of Fields in Electrostatic Devices: Experience and Applications  
? Venue: IEEE Transactions on Industry Applications  
? Year: 1988  
? Type: Journal  
? Subtype: Article  
? Citations: 6  
? Doi: 10.1109/28.2887  
? Scopus ID: 2-s2.0-0023830556  
? Issn: 00939994  
? eISSN: 19399367  
? Volume: 24  
? Issue: 3  
? Pages: 395-401  
? Authors: Girdinio Paola; Molfino Paolo; Molinari Giorgio G.; Viviani Alessandro F.  
? 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)  
? Source Id: 17361  
? Author Ids: 7003430835;7003420937;35496417300;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

64.

? Title: Local error estimates for adaptive mesh refinement  
? Venue: IEEE Transactions on Magnetism  
? Year: 1988  
? Type: Journal  
? Subtype: Article  
? Citations: 30  
? Doi: 10.1109/20.43916  
? Scopus ID: 2-s2.0-0023166130  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 24  
? Issue: 1  
? Pages: 299-302  
? Authors: Fernandes P.; Girdinio P.; Molfino P.; Repetto M.  
? 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: 7102795214;7003430835;7003420937;7102465243  
? Authoraffiliationids: 60021199;60025153;60025153;60025153  
? Corresponding: Fernandes P.

65.

? Title: Effect Of Streamer Shape And Dimensions On Local Electric Field Conditions.  
? Venue: undefined

? Year: 1987  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0023569506  
? Pages: 311-317  
? Authors: Girdinio P.; Molfino P.; Molinari G.; Viviani A.; FitzPatrick G. J.; Forster E. O.  
? Source Id: 130369  
? Author Ids: 7003430835;7003420937;35496417300;7005669885;7102384469;7102916125  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

66.

? Title: The versatility of a multiformulational approach in the solution of electromagnetic field problems (invited)  
? Venue: IEEE Transactions on Magnetism  
? Year: 1987  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Doi: 10.1109/Tmag.1987.1065458  
? Scopus ID: 2-s2.0-0023418258  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 23  
? Issue: 5  
? Pages: 3284-3289  
? Authors: Girdinio P.; Molfino P.; Molinari G.  
? 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: 7003430835;7003420937;35496417300  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Girdinio P.

67.

? Title: Numerical Computation Of Fields In Electrostatic Devices: Experience And Applications.  
? Venue: Conference Record IAS Annual Meeting IEEE Industry Applications Society  
? Year: 1986  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Scopus ID: 2-s2.0-0022910770  
? Issn: 01972618  
? Pages: 1316-1321  
? Authors: Girdinio P.; Molfino P.; Molinari Giorgi G.; Viviani A.  
? Quartile:  
2025:  
? Industrial and Manufacturing Engineering (Q4, rank 312, percentile 23)  
? Electrical and Electronic Engineering (Q4, rank 804, percentile 19)  
? Control and Systems Engineering (Q4, rank 332, percentile 12)  
? Source Id: 17898

? Author Ids: 7003430835;7003420937;35496417300;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

68.

? Title: A generalized finite element discretization procedure allowing the definition of the problem to be solved by input data  
? Venue: IEEE Transactions on Magnetism  
? Year: 1985  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Doi: 10.1109/Tmag.1985.1064232  
? Scopus ID: 2-s2.0-0022159034  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 21  
? Issue: 6  
? Pages: 2515-2518  
? Authors: Girdinio P.; Molino P.; Molinari G.; Viviani A.  
? 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: 7003430835;7003420937;35496417300;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

69.

? Title: Parameter identification for a model of impurity particle motion in a dielectric fluid  
? Venue: IEEE Transactions on Electrical Insulation  
? Year: 1985  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/Tei.1985.348859  
? Scopus ID: 2-s2.0-0022058815  
? Issn: 00189367  
? Volume: EI-20  
? Issue: 2  
? Pages: 389-393  
? Authors: Bozzo R.; Girdinio P.; Lazzeri F.; Viviani A.  
? Source Id: 34833  
? Author Ids: 7006475772;7003430835;6507703837;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bozzo R.

70.

? Title: A new class of uniform-field electrodes for dielectric strength tests in liquids  
? Venue: IEEE Transactions on Electrical Insulation  
? Year: 1985  
? Type: Journal  
? Subtype: Article  
? Citations: 2

? Doi: 10.1109/Tei.1985.348836  
? Scopus ID: 2-s2.0-0022058228  
? Issn: 00189367  
? Volume: EI-20  
? Issue: 2  
? Pages: 309-314  
? Authors: Girdinio P.; Liberti G.; Molfino P.; Molinari G.; Viviani A.  
? Source Id: 34833  
? Author Ids: 7003430835;7004149764;7003420937;35496417300;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

71.

? Title: Some Thermo-Electromagnetic Applications To Fusion Technology Of A General Purpose Cad Package.  
? Venue: undefined  
? Year: 1984  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0021648434  
? Volume: 2  
? Pages: 1565-1570  
? Authors: Girdinio P.; Molfino P.; Molinari G.; Raia G.; Rosatelli F.; Viviani A.  
? Source Id: 130818  
? Author Ids: 7003430835;7003420937;35496417300;6701564797;6603150338;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

72.

? Title: Parameter Identification For A Model Of Impurity Particle Motion In A Dielectric Fluid By Means Of Computer-Aided Analysis Of Experimental Data.  
? Venue: undefined  
? Year: 1984  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0021566296  
? Pages: 356-360  
? Authors: Bozzo R.; Girdinio P.; Lazzeri F.; Viviani A.  
? Source Id: 137673  
? Author Ids: 7006475772;7003430835;6507703837;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Bozzo R.

73.

? Title: New Class Of Uniform Field Electrodes For Dielectric Strength Tests In Dielectric Liquids.  
? Venue: undefined  
? Year: 1984  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0021549634  
? Pages: 225-229  
? Authors: Girdinio P.; Liberti G.; Molfino P.; Molinari G.; Viviani A.  
? Source Id: 137673



? Author Ids: 7003430835;7004149764;7003420937;35496417300;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

74.

? Title: Theoretical and Experimental Study of the Two-Harmonic Reluctance Machine ? A New Class of Variable Speed Device  
? Venue: IEEE Power Engineering Review  
? Year: 1984  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.1109/Mper.1984.5526113  
? Scopus ID: 2-s2.0-84944482263  
? Issn: 02721724  
? Volume: PER-4  
? Issue: 6  
? Pages: 53  
? Authors: Girdinio P.; Mazzucchelli M.; Molfino P.; Sciutto G.; Viviani A.  
? Source Id: 65386  
? Author Ids: 7003430835;15623683200;7003420937;7003892246;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

75.

? Title: Theoretical and experimental study of the two-harmonic reluctance machine, a new class of variable speed device  
? Venue: IEEE Transactions on Power Apparatus and Systems  
? Year: 1984  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Doi: 10.1109/Tpas.1984.318475  
? Scopus ID: 2-s2.0-0021439216  
? Issn: 00189510  
? Volume: PAS-103  
? Issue: 6  
? Pages: 1394-1400  
? Authors: Girdinio P.; Mazzucchelli M.; Molfino P.; Sciutto G.; Viviani A.  
? Source Id: 30904  
? Author Ids: 7003430835;15623683200;7003420937;7003892246;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

76.

? Title: Theoretical And Experimental Study Of The Two-Harmonic Reluctance Machine, A New Class Of Variable Speed Device.  
? Venue: undefined  
? Year: 1983  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-0020867183  
? Authors: Girdinio Paola; Mazzucchelli Maurizio; Molfino Paolo; Sciutto Guiseppe; Viviani Alessandro  
? Source Id: 137769  
? Author Ids: 7003430835;15623683200;7003420937;7003892246;7005669885

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

? Corresponding: Girdinio P.

77.

? Title: Theoretical And Experimental Study Of The Two-Harmonic Reluctance Machine, A New Class Of Variable Speed Device.

? Venue: undefined

? Year: 1983

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Scopus ID: 2-s2.0-0020864580

? Authors: Girdinio Paola; Mazzucchelli Maurizio; Molfino Paolo; Sciutto Guiseppe; Viviani Alessandro

? Source Id: 137769

? Author Ids: 7003430835;15623683200;7003420937;7003892246;7005669885

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

? Corresponding: Girdinio P.

78.

? Title: Finite difference and finite element discretization procedures with improved continuity of interpolation functions

? Venue: IEEE Transactions on Magnetics

? Year: 1983

? Type: Journal

? Subtype: Article

? Citations: 4

? Doi: 10.1109/Tmag.1983.1062890

? Scopus ID: 2-s2.0-0020847131

? Issn: 00189464

? eISSN: 19410069

? Volume: 19

? Issue: 6

? Pages: 2558-2561

? Authors: Girdinio P.; Molfino P.; Molinari G.; Puglisi L.; Viviani A.

? 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: 7003430835;7003420937;35496417300;7006443886;7005669885

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

? Corresponding: Girdinio P.

79.

? Title: Finite difference and finite element grid optimization by the grid iteration method

? Venue: IEEE Transactions on Magnetics

? Year: 1983

? Type: Journal

? Subtype: Article

? Citations: 10

? Doi: 10.1109/Tmag.1983.1062894

? Scopus ID: 2-s2.0-0020844559

? Issn: 00189464

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? Issue: 6  
? Pages: 2543-2546  
? Authors: Girdinio P.; Molfino P.; Molinari G.; Puglisi L.; Viviani A.  
? 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: 7003430835;7003420937;35496417300;7006443886;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

80.

? Title: A package for computer aided design for power electrical engineering  
? Venue: IEEE Transactions on Magnetics  
? Year: 1983  
? Type: Journal  
? Subtype: Article  
? Citations: 11  
? Doi: 10.1109/Tmag.1983.1062824  
? Scopus ID: 2-s2.0-0020844558  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 19  
? Issue: 6  
? Pages: 2659-2662  
? Authors: Girdinio P.; Molfino P.; Molinari G.; Viviani A.  
? 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: 7003430835;7003420937;35496417300;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Girdinio P.

81.

? Title: System For Computer-Aided Theoretical And Experimental Analysis Of Impurity Particle Motion In Dielectric Liquids.  
? Venue: Conference Record of IEEE International Symposium on Electrical Insulation  
? Year: 1982  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Scopus ID: 2-s2.0-0019934525  
? Issn: 01642006  
? Pages: 141-144  
? Authors: Bozzo R.; Calci G.; Girdinio P.; Molfino P.; Molinari G.; Viviani A.  
? Source Id: 17273  
? Author Ids: 7006475772;7801425064;7003430835;7003420937;35496417300;7005669885  
? Corresponding: Bozzo R.

82.

? Title: Statistical Investigation On The Breakdown Strength Of Liquid Helium With IEC And Cylindrical Electrodes.  
? Venue: Conference Record of IEEE International Symposium on Electrical Insulation  
? Year: 1982

? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-0019913762  
? Issn: 01642006  
? Pages: 272-275  
? Authors: Girdinio P.; Liberti G.; Molfino P.; Molinari G.  
? Source Id: 17273  
? Author Ids: 7003430835;7004149764;7003420937;35496417300  
? Corresponding: Girdinio P.

83.

? Title: Some data on the AC breakdown strength of liquid helium in the millimetre gap range  
? Venue: Journal of Electrostatics  
? Year: 1982  
? Type: Journal  
? Subtype: Article  
? Citations: 10  
? Doi: 10.1016/0304-3886(82)90096-1  
? Scopus ID: 2-s2.0-0019550859  
? Issn: 03043886  
? Volume: 12  
? Issue: C  
? Pages: 297-304  
? Authors: Colletti G.; Girdinio P.; Liberti G.; Molinari G.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q2, rank 420, percentile 57)  
? Condensed Matter Physics (Q3, rank 237, percentile 46)  
? Electronic, Optical and Magnetic Materials (Q3, rank 167, percentile 46)  
? Surfaces, Coatings and Films (Q3, rank 78, percentile 43)  
? Biotechnology (Q3, rank 181, percentile 43)  
? Source Id: 18041  
? Author Ids: 24517605400;7003430835;7004149764;35496417300  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Colletti G.

84.

? Title: First results of computer aided identification of model parameters for field-enhanced impurity motion in dielectric liquids  
? Venue: Journal of Electrostatics  
? Year: 1982  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Doi: 10.1016/0304-3886(82)90122-X  
? Scopus ID: 2-s2.0-0019550834  
? Issn: 03043886  
? Volume: 12  
? Issue: C  
? Pages: 547-552  
? Authors: Bozzo R.; Calci G.; Girdinio P.; Molfino P.; Viviani A.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q2, rank 420, percentile 57)

? Condensed Matter Physics (Q3, rank 237, percentile 46)  
? Electronic, Optical and Magnetic Materials (Q3, rank 167, percentile 46)  
? Surfaces, Coatings and Films (Q3, rank 78, percentile 43)  
? Biotechnology (Q3, rank 181, percentile 43)  
? Source Id: 18041  
? Author Ids: 7006475772;7801425064;7003430835;7003420937;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Bozzo R.

85.

? Title: A statistical analysis of the AC dielectric strength of liquid nitrogen with IEC spherical electrodes under controlled conditions  
? Venue: Journal of Electrostatics  
? Year: 1982  
? Type: Journal  
? Subtype: Article  
? Citations: 3  
? Doi: 10.1016/0304-3886(82)90098-5  
? Scopus ID: 2-s2.0-0019549828  
? Issn: 03043886  
? Volume: 12  
? Issue: C  
? Pages: 315-322  
? Authors: Delucchi M.; Girdinio P.; Liberti G.; Molinari G.  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q2, rank 420, percentile 57)  
? Condensed Matter Physics (Q3, rank 237, percentile 46)  
? Electronic, Optical and Magnetic Materials (Q3, rank 167, percentile 46)  
? Surfaces, Coatings and Films (Q3, rank 78, percentile 43)  
? Biotechnology (Q3, rank 181, percentile 43)  
? Source Id: 18041  
? Author Ids: 7003402288;7003430835;7004149764;35496417300  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Delucchi M.

86.

? Title: A computer approach to the nonlinear hysteretic problem of electromagnetic field computation in hard superconductors for loss evaluation  
? Venue: IEEE Transactions on Magnetism  
? Year: 1982  
? Type: Journal  
? Subtype: Article  
? Citations: 4  
? Doi: 10.1109/Tmag.1982.1061850  
? Scopus ID: 2-s2.0-0019540915  
? Issn: 00189464  
? eISSN: 19410069  
? Volume: 18  
? Issue: 2  
? Pages: 567-572  
? Authors: Denegri G. B.; Girdinio P.; Molino P.; Viviani A.  
? 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: 7004649825;7003430835;7003420937;7005669885  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Denegri G.

87.

? Title: Statistical Analysis Of The Ac Dielectric Strength Of Liquid Nitrogen With Iec Spherical Electrodes Under Controlled Conditions.  
? Venue: undefined  
? Year: 1981  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-0019683936  
? Pages: 231-235  
? Authors: Delucchi M.; Girdinio P.; Liberti G.; Molinari G.  
? Source Id: 139068  
? Author Ids: 7003402288;7003430835;7004149764;35496417300  
? Corresponding: Delucchi M.

88.

? Title: Some Data On The Ac Breakdown Strength Of Liquid Helium In The Millimeter Gap Range.  
? Venue: undefined  
? Year: 1981  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0019665129  
? Pages: 221-225  
? Authors: Coletti G.; Girdinio P.; Liberti G.; Molinari G.  
? Source Id: 139068  
? Author Ids: 7007111656;7003430835;7004149764;35496417300  
? Corresponding: Coletti G.

89.

? Title: First Results Of Computer Aided Identification Of Model Parameters For Field-Enhanced Impurity Motion In Dielectric Liquids.  
? Venue: undefined  
? Year: 1981  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-0019659207  
? Pages: 404-408  
? Authors: Bozzo R.; Calci G.; Girdinio P.; Molfino P.; Viviani A.  
? Source Id: 139068  
? Author Ids: 7006475772;7801425064;7003430835;7003420937;7005669885  
? Corresponding: Bozzo R.