

BRACCO STEFANO

Overview

? Unit: ELE
? Role: Professore associato
? Grade: Prof.Associato Legge 240/10 - t.pieno - classe 2
? SSD: IIND-08/B (Sistemi elettrici per l'energia)
? Scopus ID: 15049159900
? Unige Id: 701007
? Retrieved at: 2025-11-14T15:15:21.840106

Contact

? Email: stefano.bracco@unige.it
? Page: <https://rubrica.unige.it/personale/UkNGW1pu>
? Locations: Campus di Savona - palazzina Delfino (ED171000105), 1° piano, US171000105.I.043; Opera Pia - padiglione D (ED161450401), 1° piano, US161450401.I.020

Career

? Rd, 2015-03-01 ? 2021-07-31
? Pa, 2021-08-01 ? 2222-02-02

Responsibilities

? Title: Componente del Consiglio della Scuola
? Unit: Scuola politecnica
? Period: 2024-11-01 ? 2027-10-31

? Title: Membro della Giunta di dipartimento
? Unit: Dipartimento di ingegneria navale, elettrica, elettronica e delle telecomunicazioni - DITEN
? Period: 2024-11-01 ? 2027-10-31

Teaching

2025

? Generazione E Distribuzione Sostenibile Dell'Energia Elettrica (111143), L-9 - Ingegneria Elettrica
? Power Systems Simulation And Optimization (86667), Lm-30 - Energy Engineering
? Critical Energy Infrastructures Modelling And Simulation (94669), Lm-26 - Engineering For Natural Risk Management
? Critical Energy Infrastructures Modelling And Simulation (94669), Lm-26 - Engineering For Natural Risk Management
? Power Systems Management (86638), Lm-30 R - Energy Engineering
? Power Systems Management (86638), Lm-30 R - Energy Engineering
? Energy Transition And Power Systems Management 1 (108134), Lm-77 R - Management For Energy And Environmental Transition (Meet)

2024

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica
? Power Systems Simulation And Optimization (86667), Lm-30 - Energy Engineering
? Power Systems Management (86638), Lm-30 - Energy Engineering
? Energy Transition And Power Systems Management (108134), Lm-77 - Management For Energy And Environmental Transition (Meet)

2023

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

? Power Systems Simulation And Optimization (86667), Lm-30 - Energy Engineering
? Power Systems Management (86638), Lm-30 - Energy Engineering
? Critical Energy Infrastructures Modelling And Simulation (94669), Lm-26 - Engineering
For Natural Risk Management
? Energy Transition And Power Systems Management (108134), Lm-77 - Management For Energy
And Environmental Transition (Meet)

2022

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica
? Power Systems Management (86638), Lm-30 - Energy Engineering
? Power Systems Simulation And Optimization (86667), Lm-30 - Energy Engineering
? Critical Energy Infrastructures Modelling And Simulation (94669), Lm-26 - Engineering
For Natural Risk Management
? Energy Transition And Power Systems Management (108134), Lm-77 - Management For Energy
And Environmental Transition (Meet)

2021

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica
? Power Systems Management (86638), Lm-30 - Energy Engineering
? Power Systems Simulation And Optimization (86667), Lm-30 - Energy Engineering
? Critical Energy Infrastructures Modelling And Simulation (94669), Lm-26 - Engineering
For Natural Risk Management

2020

? Impianti Elettrici (66117), L-9 - Ingegneria Elettrica
? Power Systems Simulation And Optimization (86667), Lm-30 - Energy Engineering
? Power Systems Management (86638), Lm-30 - Energy Engineering
? Critical Energy Infrastructures Modelling And Simulation (94669), Lm-26 - Engineering
For Natural Risk Management

Scopus Metrics

? absolute; Docs: 126; Journals: 51; Conferences: 67; Citations: 2290; H-index: 26
? 15 years (2010-2025); Docs: 122; Journals: 48; Conferences: 66; Citations: 2222;
H-index: 26
? 10 years (2015-2025); Docs: 104; Journals: 40; Conferences: 56; Citations: 1512;
H-index: 21
? 05 years (2020-2025); Docs: 65; Journals: 27; Conferences: 31; Citations: 702; H-index:
14

Scopus Products

1.
? Title: Optimal energy management strategies for aggregators in renewable energy
communities
? Venue: International Journal of Electrical Power and Energy Systems
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 0
? DOI: 10.1016/j.ijepes.2025.111085
? Scopus ID: 2-s2.0-105016098101
? Issn: 01420615
? Volume: 172
? Authors: Robbiano Tommaso; Fresia Matteo; Caliano Martina; Bracco Stefano
? Keywords: Aggregator | Energy management system | MILP | Renewable energy community |

Self-consumption | Shared energy

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 57, percentile 94)

? Energy Engineering and Power Technology (Q1, rank 25, percentile 92)

? Source Id: 17985

? Author Ids: 59237837200;57224008583;56012332900;15049159900

? Authoraffiliationids: 60025153;60025153;60019637;60025153

? Corresponding: Robbiano T.

2.

? Title: Optimal charging strategy for electric trucks with vehicle-to-grid at a wind-powered electric vehicle charging hub

? Venue: Sustainable Energy Grids and Networks

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 0

? DOI: 10.1016/j.segan.2025.101899

? Scopus ID: 2-s2.0-105013309080

? eISSN: 23524677

? Volume: 43

? Authors: Francis Alphonse; Fresia Matteo; Barabino Edoardo; Bracco Stefano

? Keywords: Capability curves | Electric trucks | Electric vehicle charging hub |

Energy management system | Vehicle-to-grid | Wind farm

? 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)

? Source Id: 21100371258

? Author Ids: 59295086100;57224008583;57205541631;15049159900

? Authoraffiliationids: 60025153;60025153;115009829;60025153

? Corresponding: Francis A.

3.

? Title: Optimal allocation and sizing of electric vehicle charging infrastructure for green last-mile logistics

? Venue: Sustainable Energy Grids and Networks

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 0

? DOI: 10.1016/j.segan.2025.101898

? Scopus ID: 2-s2.0-105013281067

? eISSN: 23524677

? Volume: 43

? Authors: Fresia Matteo; Francis Alphonse; Parodi Michele; Ferrari Alessandro; Siri Silvia; Bracco Stefano

? Keywords: Electric vehicle routing problem | EV charging | EV fleets | Last mile delivery | Optimal design | Renewable energy sources

? 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)
? Source Id: 21100371258
? Author Ids: 57224008583;59295086100;60042974300;60043086500;23010350500;15049159900
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60121711;60025153
? Corresponding: Fresia M.

4.

? Title: Cost-Effective Operation of Microgrids: A MILP-Based Energy Management System for Active and Reactive Power Control
? Venue: International Journal of Electrical Power and Energy Systems
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 6
? DOI: 10.1016/j.ijepes.2025.110458
? Scopus ID: 2-s2.0-85214345855
? Issn: 01420615
? Volume: 165
? Authors: Garc a Sebasti n; Bracco Stefano; Parejo Antonio; Fresia Matteo; Ignacio Guerrero Juan; Le n Carlos
? Keywords: Distributed Energy Resources | Energy Management Systems | Microgrids
? Quartile:
2025:
? Electrical and Electronic Engineering (Q1, rank 57, percentile 94)
? Energy Engineering and Power Technology (Q1, rank 25, percentile 92)
? Source Id: 17985
? Author Ids: 57210714463;15049159900;55293637400;57224008583;57221816884;24724405600
? Authoraffiliationids: 60033284;60025153;60033284;60025153;60033284;60033284
? Corresponding: Garc a S.

5.

? Title: Integrating energy management systems and renewable energy sources in green warehouses: the energy-aware green sequencing and routing problem
? Venue: International Journal of Production Research
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 0
? Doi: 10.1080/00207543.2025.2561776
? Scopus ID: 2-s2.0-105019668256
? Issn: 00207543
? eISSN: 1366588X
? Authors: Aizdi Leena; Lanza Giacomo; Passacantando Mauro; Grazia Scutell  Maria; Siri Silvia; Bracco Stefano
? Keywords: electric vehicle | energy management system | Green logistics | mixed integer linear programming | renewable energy | sequencing and routing
? Quartile:
2025:
? Management Science and Operations Research (Q1, rank 5, percentile 97)
? Strategy and Management (Q1, rank 13, percentile 97)
? Industrial and Manufacturing Engineering (Q1, rank 20, percentile 95)
? Source Id: 27656
? Author Ids: 60154711600;57204800912;22635215600;60154330000;23010350500;15049159900
? Authoraffiliationids: 60028868;60028868;60012306;60028868;60121711;60025153
? Corresponding: Aizdi L.

- 6.
- ? Title: Monitoring and Energy Simulation Analysis of a Mechanical Workshop with Photovoltaic System and Electric Mobility Infrastructures Integration
 - ? 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/ICPSEurope64998.2025.11169203
 - ? Scopus ID: 2-s2.0-105019054618
 - ? Authors: Belloni Elisa; Bracco Stefano; Briatore Federico; Fresia Matteo
 - ? Keywords: building simulations | electric loads | Electric Vehicle (EV) infrastructure | Industry | management | mechanical workshop | photovoltaic (PV)
 - ? Source Id: 21101340466
 - ? Author Ids: 55413036000;15049159900;60146665700;57224008583
 - ? Authoraffiliationids: 60003003;60025153;60025153;60025153
 - ? Corresponding: Belloni E.
- 7.
- ? Title: Physics-Informed Neural Network Combined with Sparse Identification Nonlinear Dynamics for Battery SOC Estimation
 - ? 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/ICPSEurope64998.2025.11169268
 - ? Scopus ID: 2-s2.0-105019046180
 - ? Authors: Guo Quanxi; Grimaccia Francesco; Niccolai Alessandro; Zhang Yanan; Bracco Stefano
 - ? Keywords: Dynamic Changes | NaNiCl2 | PINN | SOC | Sparse Identification
 - ? Source Id: 21101340466
 - ? Author Ids: 60055699000;55938896600;55939985200;57401968300;15049159900
 - ? Authoraffiliationids: 60023256;60023256;60023256;60005244;60025153
 - ? Corresponding: Guo Q.
- 8.
- ? 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.

9.

? Title: Optimizing Energy Management in LVDC Microgrids: A Comparative Study of Linear and Non-Linear EMS Formulations
? Venue: 2025 Aeit Hvdc International Conference Aeit Hvdc 2025
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Aeithvdc66044.2025.11079526
? Scopus ID: 2-s2.0-105012575188
? Authors: Robbiano Tommaso; Fresia Matteo; Garc a Sebasti n; Parejo Antonio; De-Sim n-Mart n Miguel; Bracco Stefano
? Keywords: DC Microgrid | Energy Management System | MILP | Optimal Power Flow
? Source Id: 21101318126
? Author Ids: 59237837200;57224008583;57210714463;55293637400;55567581000;15049159900
? Authoraffiliationids: 60025153;60025153;60033284;60033284;60020657;60025153
? Corresponding: Robbiano T.

10.

? Title: Optimal design model for a public-private Renewable Energy Community in a small Italian municipality
? Venue: Sustainable Energy Grids and Networks
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 7
? DOI: 10.1016/j.segan.2024.101545
? Scopus ID: 2-s2.0-85208060699
? eISSN: 23524677
? Volume: 40
? Authors: Laurini Bruno; Bonvini Barbara; Bracco Stefano
? Keywords: MILP model | Optimal design | Renewable energy community | Shared energy
? 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: 58934476700;60067693400;15049159900
? Authoraffiliationids: 60011373;60025153;60025153
? Corresponding: Laurini B.

11.

? Title: Energy Management System for Polygeneration Microgrids, Including Battery Degradation and Curtailment Costs
? Venue: Sensors

? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 1
? DOI: 10.3390/s24227122
? Scopus ID: 2-s2.0-85210570219
? eISSN: 14248220
? Volume: 24
? Issue: 22
? Authors: Ennassiri Yassine; de-Sim^ˆn-Mart^ˆn Miguel; Bracco Stefano; Robba Michela
? Keywords: electrical vehicle | energy management system | energy polygeneration | energy storage systems | solar photovoltaics | wind energy
? 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)
2024:
? Instrumentation (Q1, rank 21, percentile 88)
? Electrical and Electronic Engineering (Q1, rank 145, percentile 85)
? Analytical Chemistry (Q1, rank 30, percentile 81)
? Atomic and Molecular Physics, and Optics (Q1, rank 44, percentile 81)
? Information Systems (Q1, rank 91, percentile 80)
? Biochemistry (Q1, rank 86, percentile 80)
? Source Id: 130124
? Author Ids: 57216780419;55567581000;15049159900;7004979187
? Authoraffiliationids: 60121711;60020657;60025153;60121711
? Corresponding: Ennassiri Y.

12.

? Title: Levelized cost of electricity in renewable energy communities: Uncertainty propagation analysis
? Venue: Applied Energy
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 24
? DOI: 10.1016/j.apenergy.2024.123278
? Scopus ID: 2-s2.0-85191474168
? Issn: 03062619
? Volume: 366
? Authors: Pagnini Luisa; Bracco Stefano; Delfino Federico; de-Sim^ˆn-Mart^ˆn Miguel
? Keywords: Levelized cost of electricity | Renewable energy community | Statistical analysis | Uncertainty propagation
? 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)
2024:

? Management, Monitoring, Policy and Law (Q1, rank 5, 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 92)
? Source Id: 28801
? Author Ids: 55665875600;15049159900;6603766602;55567581000
? Authoraffiliationids: 60025153;60025153;60025153;60020657
? Corresponding: Pagnini L.

13.

? Title: Optimal Operation of an Industrial Microgrid within a Renewable Energy Community: A Case Study of a Greentech Company
? Venue: Energies
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 14
? DOI: 10.3390/en17143567
? Scopus ID: 2-s2.0-85199907673
? eISSN: 19961073
? Volume: 17
? Issue: 14
? Authors: Fresia Matteo; Robbiano Tommaso; Caliano Martina; Delfino Federico; Bracco Stefano
? Keywords: energy management system | industry | microgrid | optimization | renewable energy community | vehicle-to-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)
2024:
? Control and Optimization (Q1, rank 15, percentile 90)
? Engineering (miscellaneous) (Q1, rank 39, percentile 85)
? Electrical and Electronic Engineering (Q1, rank 173, percentile 82)
? Energy Engineering and Power Technology (Q1, rank 73, percentile 75)
? Fuel Technology (Q2, rank 38, percentile 71)
? Energy (miscellaneous) (Q2, rank 32, percentile 68)
? Renewable Energy, Sustainability and the Environment (Q2, rank 105, percentile 64)
? Source Id: 62932
? Author Ids: 57224008583;59237837200;56012332900;6603766602;15049159900
? Authoraffiliationids: 60025153;60025153;60019637;60025153;60025153
? Corresponding: Fresia M.

14.

? Title: Optimal day-ahead active and reactive power management for microgrids with high penetration of renewables
? Venue: Energy Conversion and Management X
? Year: 2024
? Type: Journal
? Subtype: Article

? Citations: 35
? DOI: 10.1016/j.ecmx.2024.100598
? Scopus ID: 2-s2.0-85193602408
? eISSN: 25901745
? Volume: 23
? Authors: Fresia Matteo; Bordo Laura; Delfino Federico; Bracco Stefano
? Keywords: Curtailment | Energy management system | Microgrid | Optimization | Reactive power management | Solar energy | Wind energy
? Quartile:
2025:
? Nuclear Energy and Engineering (Q1, rank 6, percentile 93)
? Energy Engineering and Power Technology (Q1, rank 41, percentile 87)
? Fuel Technology (Q1, rank 27, percentile 80)
? Renewable Energy, Sustainability and the Environment (Q1, rank 66, percentile 78)
2024:
? Nuclear Energy and Engineering (Q1, rank 6, percentile 93)
? Energy Engineering and Power Technology (Q1, rank 37, percentile 87)
? Fuel Technology (Q1, rank 20, percentile 85)
? Renewable Energy, Sustainability and the Environment (Q1, rank 55, percentile 81)
? Source Id: 21100896269
? Author Ids: 57224008583;59134874500;6603766602;15049159900
? Authoraffiliationids: 60025153;125275232;60025153;60025153
? Corresponding: Fresia M.

15.

? Title: An energy management system to schedule the optimal participation to electricity markets and a statistical analysis of the bidding strategies over long time horizons
? Venue: Renewable Energy
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 14
? DOI: 10.1016/j.renene.2024.120617
? Scopus ID: 2-s2.0-85193055806
? Issn: 09601481
? eISSN: 18790682
? Volume: 228
? Authors: La Fata Alice; Brignone Massimo; Procopio Renato; Bracco Stefano; Delfino Federico; Barbero Giulia; Barilli Riccardo
? Keywords: Ancillary Services | Electricity Market | Energy Management System | Mixed Integer Linear Programming | Renewable Energy Sources
? Quartile:
2025:
? Engineering (all) (Q1, rank 9, percentile 97)
? Renewable Energy, Sustainability and the Environment (Q1, rank 31, percentile 90)
2024:
? Engineering (all) (Q1, rank 7, percentile 98)
? Renewable Energy, Sustainability and the Environment (Q1, rank 28, percentile 90)
? Source Id: 27569
? Author Ids:
57434749400;8580886100;7801615894;15049159900;6603766602;57194587672;57889358800
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;130476516;130476516
? Corresponding: La Fata A.

16.

? Title: Energy Management System for a Smart Green Nanogrid feeding a Research Laboratory with Autonomous Mobile Robots

? Venue: IFAC Papersonline

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? DOI: 10.1016/j.ifacol.2024.07.107

? Scopus ID: 2-s2.0-85201828644

? eISSN: 24058963

? Volume: 58

? Issue: 2

? Pages: 156-161

? Authors: Fresia Matteo; De Simone Lorenzo; Traverso Ilaria; Bracco Stefano; Siri Silvia

? Keywords: Autonomous mobile robots | Battery energy storage system | Energy management system | Nanogrids | Optimal operation | Prosumer building | Renewable energy sources

? Quartile:

2025:

? Control and Systems Engineering (Q3, rank 218, percentile 42)

2024:

? Control and Systems Engineering (Q3, rank 236, percentile 37)

? Source Id: 21100456158

? Author Ids: 57224008583;59294980900;59294552600;15049159900;23010350500

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

? Corresponding: Fresia M.

17.

? Title: Probabilistic Power Forecasting in a Microgrid for the Integration of Distributed Energy Resources

? Venue: IFAC Papersonline

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? DOI: 10.1016/j.ifacol.2024.07.106

? Scopus ID: 2-s2.0-85201827180

? eISSN: 24058963

? Volume: 58

? Issue: 2

? Pages: 150-155

? Authors: Parejo Antonio; Bracco Stefano; Garc a Sebasti n; Personal Enrique; Guerrero Juan I.; Le n Carlos

? Keywords: demand | distributed energy resources | microgrids | probabilistic forecasting | Stochastic forecasting

? Quartile:

2025:

? Control and Systems Engineering (Q3, rank 218, percentile 42)

2024:

? Control and Systems Engineering (Q3, rank 236, percentile 37)

? Source Id: 21100456158

? Author Ids: 55293637400;15049159900;57210714463;57194517010;25633819900;24724405600

? Authoraffiliationids: 60033284;60025153;60033284;60033284;60033284;60033284

- ? Corresponding: Parejo A.
- 18.
- ? Title: Influence of Distributed Energy Resources on the performance of phase topology identification in distribution networks
- ? Venue: IFAC Papersonline
- ? Year: 2024
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 0
- ? DOI: 10.1016/j.ifacol.2024.07.101
- ? Scopus ID: 2-s2.0-85201806697
- ? eISSN: 24058963
- ? Volume: 58
- ? Issue: 2
- ? Pages: 118-123
- ? Authors: Garc a Sebasti n; Bracco Stefano; Mora-Merch n Javier M.; Larios Diego F.; Personal Enrique; Le n Carlos
- ? Keywords: data analytics | Distributed Energy Resources | distribution networks | smart meters | topology identification
- ? Quartile:
- 2025:
- ? Control and Systems Engineering (Q3, rank 218, percentile 42)
- 2024:
- ? Control and Systems Engineering (Q3, rank 236, percentile 37)
- ? Source Id: 21100456158
- ? Author Ids: 57210714463;15049159900;49863893700;40661668800;57194517010;24724405600
- ? Authoraffiliationids: 106709054;60025153;106709054;106709054;106709054;106709054
- ? Corresponding: Garc a S.
- 19.
- ? Title: Optimal Operation of an Innovative Electric Vehicle Charging Hub directly fed by Renewables
- ? Venue: IFAC Papersonline
- ? Year: 2024
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 4
- ? DOI: 10.1016/j.ifacol.2024.07.109
- ? Scopus ID: 2-s2.0-85201791556
- ? eISSN: 24058963
- ? Volume: 58
- ? Issue: 2
- ? Pages: 168-173
- ? Authors: Francis Alphonse; Fresia Matteo; Bracco Stefano; Barabino Edoardo
- ? Keywords: Capability Curves | Energy Management System | EV Charging Hub | MILP | Renewables
- ? Quartile:
- 2025:
- ? Control and Systems Engineering (Q3, rank 218, percentile 42)
- 2024:
- ? Control and Systems Engineering (Q3, rank 236, percentile 37)
- ? Source Id: 21100456158
- ? Author Ids: 59295086100;57224008583;15049159900;57205541631
- ? Authoraffiliationids: 60025153;60025153;60025153;119809227
- ? Corresponding: Francis A.

20.

? Title: EMS for Active and Reactive Power Management in a Polygeneration Microgrid Feeding a PED

? Venue: Energies

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 5

? DOI: 10.3390/en17030610

? Scopus ID: 2-s2.0-85184656702

? eISSN: 19961073

? Volume: 17

? Issue: 3

? Authors: Sawhney Abhinav; Delfino Federico; Bonvini Barbara; Bracco Stefano

? Keywords: E-mobility | EMS | microgrids | MILP | optimization | positive energy district | smart grid | V2G

? Quartile:

2025:

? Control and Optimization (Q1, rank 11, percentile 94)

? Engineering (miscellaneous) (Q1, rank 38, percentile 86)

? Electrical and Electronic Engineering (Q1, rank 155, percentile 84)

? Energy Engineering and Power Technology (Q1, rank 71, percentile 78)

? Fuel Technology (Q2, rank 40, percentile 70)

? Renewable Energy, Sustainability and the Environment (Q2, rank 110, percentile 64)

? Energy (miscellaneous) (Q2, rank 39, percentile 64)

2024:

? Control and Optimization (Q1, rank 15, percentile 90)

? Engineering (miscellaneous) (Q1, rank 39, percentile 85)

? Electrical and Electronic Engineering (Q1, rank 173, percentile 82)

? Energy Engineering and Power Technology (Q1, rank 73, percentile 75)

? Fuel Technology (Q2, rank 38, percentile 71)

? Energy (miscellaneous) (Q2, rank 32, percentile 68)

? Renewable Energy, Sustainability and the Environment (Q2, rank 105, percentile 64)

? Source Id: 62932

? Author Ids: 57998075600;6603766602;60067693400;15049159900

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Sawhney A.

21.

? Title: A Multi-Scale Control Framework for Electric and Automated Buses in Intercity Lines

? Venue: Proceedings of the IEEE Conference on Decision and Control

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1109/Cdc56724.2024.10886401

? Scopus ID: 2-s2.0-86000499976

? Issn: 07431546

? eISSN: 25762370

? Pages: 8409-8415

? Authors: Graffione S.; Bracco S.; Pasquale C.; Sacone S.; Siri S.; Ferrara A.

? Quartile:

2025:

? Control and Optimization (Q3, rank 90, percentile 49)

? Modeling and Simulation (Q3, rank 233, percentile 38)
? Control and Systems Engineering (Q3, rank 236, percentile 38)
2024:
? Control and Optimization (Q3, rank 91, percentile 43)
? Control and Systems Engineering (Q3, rank 238, percentile 36)
? Modeling and Simulation (Q3, rank 231, percentile 36)
? Source Id: 87424
? Author Ids: 57218837347;15049159900;55811101300;6701845036;23010350500;55845601700
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60015197
? Corresponding: Graffione S.

22.

? Title: Models and Control Algorithms for Electric Automated Buses in Smart Cities
? Venue: Springer Tracts on Transportation and Traffic
? Year: 2024
? Type: Book Series
? Subtype: Book Chapter
? Citations: 0
? Doi: 10.1007/978-3-031-64769-7_7
? Scopus ID: 2-s2.0-85213981101
? Issn: 21948119
? eISSN: 21948127
? Volume: 21
? Pages: 185-212
? Authors: Siri Silvia; Bracco Stefano; Pasquale Cecilia; Sacone Simona
? Quartile:

2025:
? Urban Studies (Q3, rank 152, percentile 47)
? Strategy and Management (Q4, rank 400, percentile 19)
? Transportation (Q4, rank 129, percentile 18)

2024:
? Urban Studies (Q3, rank 177, percentile 38)
? Strategy and Management (Q4, rank 423, percentile 14)
? Transportation (Q4, rank 132, percentile 13)

? Source Id: 21100810489
? Author Ids: 23010350500;15049159900;55811101300;6701845036
? Authoraffiliationids: 60121711;60025153;60121711;60121711
? Corresponding: Siri S.

23.

? Title: Energy Management System for the CN MOST Laboratory at the Savona University Campus
? Venue: 8th IEEE International Forum on Research and Technologies for Society and Industry Innovation Rtsi 2024 Proceeding
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Doi: 10.1109/Rtsi61910.2024.10761218
? Scopus ID: 2-s2.0-85213816235
? Pages: 166-171
? Authors: Fresia Matteo; Robbiano Tommaso; Siri Silvia; Bracco Stefano
? Keywords: Autonomous mo-bile robots | Battery energy storage system | Energy management system | MILP optimization | Renewable energy sources
? Source Id: 21101267110
? Author Ids: 57224008583;59237837200;23010350500;15049159900

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Fresia M.

24.

? Title: Energy Management System for the Operation of an Electric Vehicle Charging Hub Fed by Solar and Wind Energy Sources

? Venue: Proceedings 24th Eeeic International Conference on Environment and Electrical Engineering and 8th I and Cps Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2024

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? DOI: 10.1109/EEEIC/ICPSEurope61470.2024.10751396

? Scopus ID: 2-s2.0-85211925235

? Authors: Francis Alphonse; Fresia Matteo; Bracco Stefano; Barabino Edoardo

? Keywords: Capability Curves | Energy Management System | EV Charging | MILP | Solar | Wind

? Source Id: 21101263912

? Author Ids: 59295086100;57224008583;15049159900;57205541631

? Authoraffiliationids: 60025153;60025153;60025153;129175156

? Corresponding: Francis A.

25.

? Title: Energy Management System for Optimal Operation of a Prosumer with Renewable Generation and Electric Vehicle Fleet with Vehicle-to-Building

? Venue: Proceedings 24th Eeeic International Conference on Environment and Electrical Engineering and 8th I and Cps Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2024

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? DOI: 10.1109/EEEIC/ICPSEurope61470.2024.10751461

? Scopus ID: 2-s2.0-85211899754

? Authors: Fresia Matteo; De-Sim^ˆn-Mart^ˆn Miguel; Bracco Stefano

? Keywords: Curtailment | Electric vehicles | Energy management system | Prosumers | Renewable energy sources | Vehicle to building | Vehicle to grid

? Source Id: 21101263912

? Author Ids: 57224008583;55567581000;15049159900

? Authoraffiliationids: 60025153;60020657;60025153

? Corresponding: Fresia M.

26.

? Title: Resilience Improvement in PreCOVID-19 Medical Centers

? Venue: Power Systems

? Year: 2024

? Type: Book Series

? Subtype: Book Chapter

? Citations: 0

? Doi: 10.1007/978-3-031-67754-0_10

? Scopus ID: 2-s2.0-85207866429

? Issn: 16121287

? eISSN: 18604676

? Volume: Part F3518

? Pages: 321-363

? Authors: Lagrange Alexis; de Sim^ˆn-Mart^ˆn Miguel; Gonz^ˆlez-Mart^ˆnez Alberto; Bracco

Stefano; Rosales-Asensio Enrique

? Keywords: Batteries | Energy resilience | Hospital | Microgrids | Solar photovoltaics

? Quartile:

2025:

? Electrical and Electronic Engineering (Q3, rank 615, percentile 38)

? Energy Engineering and Power Technology (Q3, rank 205, percentile 37)

2024:

? Electrical and Electronic Engineering (Q3, rank 681, percentile 29)

? Energy Engineering and Power Technology (Q3, rank 214, percentile 28)

? Source Id: 21100248904

? Author Ids: 57214073820;55567581000;56943231800;15049159900;56606316400

? Authoraffiliationids: 60012570;60020657;60020657;60025153;60009669

? Corresponding: Lagrange A.

27.

? Title: Energy Management System for a Prosumer with Vehicle-to-Home: A Case Study in Italy

? Venue: 2024 International Conference on Smart Energy Systems and Technologies Driving the Advances for Future Electrification Sest 2024 Proceedings

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 6

? Doi: 10.1109/Sest61601.2024.10694299

? Scopus ID: 2-s2.0-85207643426

? Authors: Ellemund Gabriel; Fresia Matteo; Bracco Stefano

? Keywords: electric vehicle | Energy management system | prosumer | V2H

? Source Id: 21101256226

? Author Ids: 59387582700;57224008583;15049159900

? Authoraffiliationids: 60004100;60025153;60025153

? Corresponding: Ellemund G.

28.

? Title: Energy Management System for the Campus Microgrid Using an Internet of Things as a Service (IoTaaS) with Day-ahead Forecasting

? Venue: Procedia Computer Science

? Year: 2024

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? DOI: 10.1016/j.procs.2024.08.069

? Scopus ID: 2-s2.0-85204286425

? eISSN: 18770509

? Volume: 241

? Pages: 488-493

? Authors: Zhakiyev Nurkhat; Satan Aidos; Akhmetkanova Gulnar; Medeshova Aigul; Omirgaliyev Ruslan; Bracco Stefano

? Keywords: Energy Control System | Intelligent Mobile Systems | Internet of Things as a Service (IoTaaS) | Pervasive Computing | Smart Campus

? Quartile:

2025:

? Computer Science (all) (Q2, rank 107, percentile 55)

2024:

? Computer Science (all) (Q2, rank 89, percentile 62)

? Source Id: 19700182801

? Author Ids: 56043145000;57994592000;59332714200;58904981200;57237959900;15049159900

? Authoraffiliationids:

60204069-123649293;60204069;60113873;123649293;60204069;60025153

? Corresponding: Zhakiyev N.

29.

? Title: Electric Vehicle Fleet Management for a Prosumer Building with Renewable Generation

? Venue: Energies

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 36

? DOI: 10.3390/en16207213

? Scopus ID: 2-s2.0-85175353411

? eISSN: 19961073

? Volume: 16

? Issue: 20

? Authors: Fresia Matteo; Bracco Stefano

? Keywords: curtailment | prosumer building | reactive power management | solar energy | vehicle-to-building | wind energy

? 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)

2023:

? Control and Optimization (Q1, rank 19, percentile 85)

? Engineering (miscellaneous) (Q1, rank 36, percentile 82)

? Electrical and Electronic Engineering (Q2, rank 200, percentile 74)

? Energy Engineering and Power Technology (Q2, rank 78, percentile 71)

? Fuel Technology (Q2, rank 40, percentile 69)

? Energy (miscellaneous) (Q2, rank 25, percentile 68)

? Renewable Energy, Sustainability and the Environment (Q2, rank 103, percentile 62)

? Source Id: 62932

? Author Ids: 57224008583;15049159900

? Authoraffiliationids: 60025153;60025153

? Corresponding: Fresia M.

30.

? Title: Economic and environmental optimal design of a multi-vector energy hub feeding a Local Energy Community

? Venue: Applied Energy

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 20

? DOI: 10.1016/j.apenergy.2023.121259

? Scopus ID: 2-s2.0-85162235474

? Issn: 03062619

? Volume: 347

? Authors: Piazza Giorgio; Delfino Federico; Bergero Stefano; Di Somma Marialaura; Graditi Giorgio; Bracco Stefano

? Keywords: Energy community | Multi-objective optimization | Multi-vector energy hub | Optimal design
? 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)
2023:
? Building and Construction (Q1, rank 1, percentile 99)
? Management, Monitoring, Policy and Law (Q1, rank 5, percentile 98)
? Mechanical Engineering (Q1, rank 12, percentile 98)
? Energy (all) (Q1, rank 4, percentile 95)
? Renewable Energy, Sustainability and the Environment (Q1, rank 15, percentile 94)
? Source Id: 28801
? Author Ids: 57210463638;6603766602;15723388300;56429379700;11839275700;15049159900
? Authoraffiliationids: 60025153;60025153;60025153;60019637;60019637;60025153
? Corresponding: Piazza G.

31.

? Title: Impact of electric mobility on the design of renewable energy collective self-consumers
? Venue: Sustainable Energy Grids and Networks
? Year: 2023
? Type: Journal
? Subtype: Article
? Citations: 27
? DOI: 10.1016/j.segan.2022.100963
? Scopus ID: 2-s2.0-85144057724
? eISSN: 23524677
? Volume: 33
? Authors: Piazza Giorgio; Bracco Stefano; Delfino Federico; Somma Marialaura Di; Graditi Giorgio
? Keywords: Collective self-consumption | Electric mobility | MILP model | Optimal design | Renewable energy
? 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)
2023:
? Control and Systems Engineering (Q1, rank 55, percentile 83)
? Electrical and Electronic Engineering (Q1, rank 139, percentile 82)
? Energy Engineering and Power Technology (Q1, rank 54, percentile 80)
? Renewable Energy, Sustainability and the Environment (Q2, rank 73, percentile 73)
? Source Id: 21100371258
? Author Ids: 57210463638;15049159900;6603766602;56429379700;11839275700
? Authoraffiliationids: 60025153;60025153;60025153;60019637;60019637
? Corresponding: Piazza G.

32.

? Title: A Simulator for Long Term Planning and Real Time Scheduling of Polygenerative Microgrids
? Venue: 2023 IEEE Belgrade Powertech Powertech 2023

- ? Year: 2023
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 9
 ? DOI: 10.1109/PowerTech55446.2023.10202738
 ? Scopus ID: 2-s2.0-85219490938
 ? Authors: La Fata Alice; Brignone Massimo; Procopio Renato; Bracco Stefano; Delfino Federico; Barilli Riccardo; Ravasi Martina; Zanellini Fabio; Petronijevic Milutin
 ? Keywords: Demand Response | Energy Management System | Mixed Integer Linear Programming | Renewable Energy | Storage systems
 ? Source Id: 21101192776
 ? Author Ids: 57434749400;8580886100;7801615894;15049159900;6603766602;57889358800;57936785100;12645996400;14422928500
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;128573362;128573362;128573362;60068806
 ? Corresponding: La Fata A.
33.
 ? Title: Anomaly Detection in Photovoltaic Systems via Deep Learning Autoencoder
 ? Venue: 2023 International Conference on Smart Energy Systems and Technologies Sest 2023
 ? Year: 2023
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 7
 ? Doi: 10.1109/Sest57387.2023.10257517
 ? Scopus ID: 2-s2.0-85174313860
 ? Authors: Miraftabzadeh Seyed Mahdi; Longo Michela; Foiadelli Federica; Bracco Stefano
 ? Keywords: Anomaly detection | deep learning autoencoder | machine learning | photovoltaic system
 ? Source Id: 21101183461
 ? Author Ids: 57191035925;37023170900;22834091600;15049159900
 ? Authoraffiliationids: 60023256;60023256;60023256;60025153
 ? Corresponding: Miraftabzadeh S.M.
34.
 ? Title: Energy Management System for the Optimal Operation of a Grid-Connected Building with Renewables and an Electric Delivery Vehicle
 ? Venue: Eurocon 2023 20th International Conference on Smart Technologies Proceedings
 ? Year: 2023
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 26
 ? Doi: 10.1109/Eurocon56442.2023.10198884
 ? Scopus ID: 2-s2.0-85168677284
 ? Pages: 472-477
 ? Authors: Bracco Stefano; Fresia Matteo
 ? Keywords: curtailment | electric vehicle | energy management | reactive power | renewable sources | vehicle-to-building
 ? Source Id: 21101173014
 ? Author Ids: 15049159900;57224008583
 ? Authoraffiliationids: 60025153;60025153
 ? Corresponding: Bracco S.
35.
 ? Title: Stochastic Operation Optimization of the Smart Savona Campus as an Integrated Local Energy Community Considering Energy Costs and Carbon Emissions

? Venue: Energies
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 17
? DOI: 10.3390/en15228418
? Scopus ID: 2-s2.0-85142731581
? eISSN: 19961073
? Volume: 15
? Issue: 22
? Authors: Di Somma Marialaura; Buonanno Amedeo; Caliano Martina; Graditi Giorgio; Piazza Giorgio; Bracco Stefano; Delfino Federico
? Keywords: integrated local energy community | multi-objective approach | sector coupling | stochastic operation optimization
? 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:
56429379700;56287900600;56012332900;11839275700;57210463638;15049159900;6603766602
? Authoraffiliationids: 60019637;60019637;60019637;60019637;60025153;60025153;60025153
? Corresponding: Di Somma M.

36.

? Title: An efficient Energy Management System for long term planning and real time scheduling of flexible polygeneration systems
? Venue: Renewable Energy
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 25
? DOI: 10.1016/j.renene.2022.10.030
? Scopus ID: 2-s2.0-85140341631
? Issn: 09601481
? eISSN: 18790682
? Volume: 200
? Pages: 1180-1201
? Authors: La Fata Alice; Brignone Massimo; Procopio Renato; Bracco Stefano; Delfino Federico; Barilli Riccardo; Ravasi Martina; Zanellini Fabio
? Keywords: Energy management system | Mixed integer linear programming | Renewable energy source polygeneration

? Quartile:

2025:

? Engineering (all) (Q1, rank 9, percentile 97)

? Renewable Energy, Sustainability and the Environment (Q1, rank 31, percentile 90)

2022:

? Renewable Energy, Sustainability and the Environment (Q1, rank 23, percentile 90)

? Source Id: 27569

? Author Ids: 57434749400;8580886100;7801615894;15049159900;6603766602;57889358800;57936785100;12645996400

? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;128573362;128573362;128573362

? Corresponding: La Fata A.

37.

? Title: On the participation of small-scale high performance combined heat and power plants to the Italian ancillary services market within Virtually Aggregated Mixed Units

? Venue: Energy

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 4

? DOI: 10.1016/j.energy.2021.122275

? Scopus ID: 2-s2.0-85119196605

? Issn: 03605442

? Volume: 239

? Authors: Bracco Stefano; Bianchi Enrico; Bianco Giovanni; Giacchino Alessandro; Ramaglia Alessandro; Delfino Federico

? Keywords: Ancillary services market | Business plan analysis | Combined heat and power | Microturbines | Virtually aggregated mixed units

? 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)

2022:

? Modeling and Simulation (Q1, rank 5, percentile 98)

? Civil and Structural Engineering (Q1, rank 7, percentile 98)

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

? Mechanical Engineering (Q1, rank 17, percentile 97)

? Management, Monitoring, Policy and Law (Q1, rank 11, percentile 97)

? Electrical and Electronic Engineering (Q1, rank 32, percentile 95)

? Industrial and Manufacturing Engineering (Q1, rank 17, percentile 95)

? Energy Engineering and Power Technology (Q1, rank 16, percentile 93)

? Fuel Technology (Q1, rank 8, percentile 93)

? Pollution (Q1, rank 12, percentile 92)

? Energy (all) (Q1, rank 7, percentile 90)

- ? Renewable Energy, Sustainability and the Environment (Q1, rank 28, percentile 88)
 ? Source Id: 29348
 ? Author Ids: 15049159900;57191512790;57216240455;57204650870;55694009200;6603766602
 ? Authoraffiliationids: 60025153;60073836;60025153;60073836;60073836;60025153
 ? Corresponding: Bracco S.
38.
 ? Title: Impact of the uncertainties of load and forecast of power production from renewables on the operating cost of a microgrid
 ? Venue: 2022 IEEE International Conference on Environment and Electrical Engineering and 2022 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2022
 ? Year: 2022
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 10
 ? DOI: 10.1109/EEEIC/ICPSEurope54979.2022.9854540
 ? Scopus ID: 2-s2.0-85219490624
 ? Authors: La Fata Alice; Signoretti Fabio; Brignone Massimo; Bracco Stefano
 ? Keywords: Energy Management System | Load Forecast | Microgrid | Renewable Energy Sources
 ? Source Id: 21101107964
 ? Author Ids: 57434749400;57889864500;8580886100;15049159900
 ? Authoraffiliationids: 60025153;60012162;60025153;60025153
 ? Corresponding: La Fata A.
39.
 ? Title: Real-Time Power System Laboratories at the University of Genoa
 ? Venue: 2022 Aeit International Annual Conference Aeit 2022
 ? Year: 2022
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 3
 ? Doi: 10.23919/Aeit56783.2022.9951786
 ? Scopus ID: 2-s2.0-85143621135
 ? Authors: Bonfiglio Andrea; Bracco Stefano; D'Agostino Fabio; Delfino Federico; Laiolo Paola; Invernizzi Marco; Massucco Stefano; Procopio Renato; Saviozzi Matteo; Silvestro Federico
 ? Keywords: Power Laboratories | Power Systems | Real Time Simulation
 ? Source Id: 21101125262
 ? Author Ids: 36607521000;15049159900;56553864200;6603766602;56576462300;6701527755;6603357712;7801615894;56027556100;23026343700
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
 ? Corresponding: Bonfiglio A.
40.
 ? Title: Ensiel National Energy Transition Real Time Lab: a Novel Tool to Shape the Future Energy System
 ? Venue: 2022 Aeit International Annual Conference Aeit 2022
 ? Year: 2022
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 12
 ? Doi: 10.23919/Aeit56783.2022.9951729
 ? Scopus ID: 2-s2.0-85143614787
 ? Authors: Benedetto Giorgio; Bompard Ettore; Mazza Andrea; Pons Enrico; Bruno Sergio;

Giannoccaro Giovanni; La Scala Massimo; De Caro Fabrizio; Bonfiglio Andrea; Bracco Stefano; Invernizzi Marco; Rossi Mansueto; De Paola Antonio; Thomas Dimitrios; Kotsakis Evangelos; Fulli Gianluca; Villacci Domenico

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

? Source Id: 21101125262

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

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

? Corresponding: Benedetto G.

41.

? Title: Optimal planning and operation of a small size Microgrid within a Positive Energy District

? Venue: 2022 Aeit International Annual Conference Aeit 2022

? Year: 2022

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.23919/Aeit56783.2022.9951718

? Scopus ID: 2-s2.0-85143584315

? Authors: Sawhney Abhinav; Bracco Stefano; Delfino Federico; Bonvini Barbara

? Keywords: carbon neutrality | energy management system | microgrid | optimal planning | positive energy district

? Source Id: 21101125262

? Author Ids: 57998075600;15049159900;6603766602;60067693400

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Sawhney A.

42.

? Title: Application to Real Case Studies

? Venue: Springerbriefs in Applied Sciences and Technology

? Year: 2022

? Type: Book Series

? Subtype: Book Chapter

? Citations: 7

? Doi: 10.1007/978-3-030-95932-6_4

? Scopus ID: 2-s2.0-85129686319

? Issn: 2191530x

? eISSN: 21915318

? Pages: 77-120

? Authors: de Simˆn-Martˆn Miguel; Bracco Stefano; Piazza Giorgio; Pagnini Luisa Carlotta; Gonzˆlez-Martˆnez Alberto; Delfino Federico

? Quartile:

2025:

? Energy Engineering and Power Technology (Q4, rank 264, percentile 19)

? Mathematics (all) (Q4, rank 358, percentile 13)

? Chemical Engineering (all) (Q4, rank 241, percentile 11)

? Materials Science (all) (Q4, rank 421, percentile 9)

? Engineering (all) (Q4, rank 314, percentile 9)

? Biotechnology (Q4, rank 289, percentile 9)

2022:

? Mathematics (all) (Q4, rank 302, percentile 22)

? Engineering (all) (Q4, rank 252, percentile 16)
 ? Energy Engineering and Power Technology (Q4, rank 211, percentile 16)
 ? Chemical Engineering (all) (Q4, rank 229, percentile 15)
 ? Biotechnology (Q4, rank 252, percentile 15)
 ? Materials Science (all) (Q4, rank 401, percentile 11)
 ? Source Id: 21100321695
 ? Author Ids: 55567581000;15049159900;57210463638;55665875600;56943231800;6603766602
 ? Authoraffiliationids: 60020657;60025153;60025153;60025153;60020657;60025153
 ? Corresponding: de Sim^ñn-Mart^ñ M.

43.

? Title: The Role of Energy Communities in the Energy Framework
 ? Venue: Springerbriefs in Applied Sciences and Technology
 ? Year: 2022
 ? Type: Book Series
 ? Subtype: Book Chapter
 ? Citations: 4
 ? Doi: 10.1007/978-3-030-95932-6_2
 ? Scopus ID: 2-s2.0-85129659689
 ? Issn: 2191530x
 ? eISSN: 21915318
 ? Pages: 7-29
 ? Authors: de Sim^ñn-Mart^ñ Miguel; Bracco Stefano; Piazza Giorgio; Pagnini Luisa Carlotta; Gonz^ñlez-Mart^ñez Alberto; Delfino Federico
 ? Quartile:

2025:

? Energy Engineering and Power Technology (Q4, rank 264, percentile 19)
 ? Mathematics (all) (Q4, rank 358, percentile 13)
 ? Chemical Engineering (all) (Q4, rank 241, percentile 11)
 ? Materials Science (all) (Q4, rank 421, percentile 9)
 ? Engineering (all) (Q4, rank 314, percentile 9)
 ? Biotechnology (Q4, rank 289, percentile 9)

2022:

? Mathematics (all) (Q4, rank 302, percentile 22)
 ? Engineering (all) (Q4, rank 252, percentile 16)
 ? Energy Engineering and Power Technology (Q4, rank 211, percentile 16)
 ? Chemical Engineering (all) (Q4, rank 229, percentile 15)
 ? Biotechnology (Q4, rank 252, percentile 15)
 ? Materials Science (all) (Q4, rank 401, percentile 11)

? Source Id: 21100321695
 ? Author Ids: 55567581000;15049159900;57210463638;55665875600;56943231800;6603766602
 ? Authoraffiliationids: 60020657;60025153;60025153;60025153;60020657;60025153
 ? Corresponding: de Sim^ñn-Mart^ñ M.

44.

? Title: Conclusions
 ? Venue: Springerbriefs in Applied Sciences and Technology
 ? Year: 2022
 ? Type: Book Series
 ? Subtype: Book Chapter
 ? Citations: 0
 ? Doi: 10.1007/978-3-030-95932-6_5
 ? Scopus ID: 2-s2.0-85129619724
 ? Issn: 2191530x
 ? eISSN: 21915318
 ? Pages: 121-125

? Authors: de Simón-Martín Miguel; Bracco Stefano; Piazza Giorgio; Pagnini Luisa Carlotta; González-Martínez Alberto; Delfino Federico

? Quartile:

2025:

? Energy Engineering and Power Technology (Q4, rank 264, percentile 19)

? Mathematics (all) (Q4, rank 358, percentile 13)

? Chemical Engineering (all) (Q4, rank 241, percentile 11)

? Materials Science (all) (Q4, rank 421, percentile 9)

? Engineering (all) (Q4, rank 314, percentile 9)

? Biotechnology (Q4, rank 289, percentile 9)

2022:

? Mathematics (all) (Q4, rank 302, percentile 22)

? Engineering (all) (Q4, rank 252, percentile 16)

? Energy Engineering and Power Technology (Q4, rank 211, percentile 16)

? Chemical Engineering (all) (Q4, rank 229, percentile 15)

? Biotechnology (Q4, rank 252, percentile 15)

? Materials Science (all) (Q4, rank 401, percentile 11)

? Source Id: 21100321695

? Author Ids: 55567581000;15049159900;57210463638;55665875600;56943231800;6603766602

? Authoraffiliationids: 60020657;60025153;60025153;60025153;60020657;60025153

? Corresponding: de Simón-Martín M.

45.

? Title: Introduction

? Venue: Springerbriefs in Applied Sciences and Technology

? Year: 2022

? Type: Book Series

? Subtype: Editorial

? Citations: 1

? Doi: 10.1007/978-3-030-95932-6_1

? Scopus ID: 2-s2.0-85129608950

? Issn: 2191530x

? eISSN: 21915318

? Pages: 1-5

? Authors: de Simón-Martín Miguel; Bracco Stefano; Piazza Giorgio; Pagnini Luisa Carlotta; González-Martínez Alberto; Delfino Federico

? Quartile:

2025:

? Energy Engineering and Power Technology (Q4, rank 264, percentile 19)

? Mathematics (all) (Q4, rank 358, percentile 13)

? Chemical Engineering (all) (Q4, rank 241, percentile 11)

? Materials Science (all) (Q4, rank 421, percentile 9)

? Engineering (all) (Q4, rank 314, percentile 9)

? Biotechnology (Q4, rank 289, percentile 9)

2022:

? Mathematics (all) (Q4, rank 302, percentile 22)

? Engineering (all) (Q4, rank 252, percentile 16)

? Energy Engineering and Power Technology (Q4, rank 211, percentile 16)

? Chemical Engineering (all) (Q4, rank 229, percentile 15)

? Biotechnology (Q4, rank 252, percentile 15)

? Materials Science (all) (Q4, rank 401, percentile 11)

? Source Id: 21100321695

? Author Ids: 55567581000;15049159900;57210463638;55665875600;56943231800;6603766602

? Authoraffiliationids: 60020657;60025153;60025153;60025153;60020657;60025153

? Corresponding: de Simón-Martín M.

46.

? Title: The Levelized Cost of Energy Indicator
? Venue: Springerbriefs in Applied Sciences and Technology
? Year: 2022
? Type: Book Series
? Subtype: Book Chapter
? Citations: 5
? Doi: 10.1007/978-3-030-95932-6_3
? Scopus ID: 2-s2.0-85129577110
? Issn: 2191530x
? eISSN: 21915318
? Pages: 31-76
? Authors: de Simón-Martín Miguel; Bracco Stefano; Piazza Giorgio; Pagnini Luisa Carlotta; González-Martínez Alberto; Delfino Federico
? Quartile:
2025:
? Energy Engineering and Power Technology (Q4, rank 264, percentile 19)
? Mathematics (all) (Q4, rank 358, percentile 13)
? Chemical Engineering (all) (Q4, rank 241, percentile 11)
? Materials Science (all) (Q4, rank 421, percentile 9)
? Engineering (all) (Q4, rank 314, percentile 9)
? Biotechnology (Q4, rank 289, percentile 9)
2022:
? Mathematics (all) (Q4, rank 302, percentile 22)
? Engineering (all) (Q4, rank 252, percentile 16)
? Energy Engineering and Power Technology (Q4, rank 211, percentile 16)
? Chemical Engineering (all) (Q4, rank 229, percentile 15)
? Biotechnology (Q4, rank 252, percentile 15)
? Materials Science (all) (Q4, rank 401, percentile 11)
? Source Id: 21100321695
? Author Ids: 55567581000;15049159900;57210463638;55665875600;56943231800;6603766602
? Authoraffiliationids: 60020657;60025153;60025153;60025153;60020657;60025153
? Corresponding: de Simón-Martín M.

47.

? Title: Electrification of Ipt in algeciras bay: A new methodology to assess the consumption of an equivalent e-bus
? Venue: Energies
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 8
? DOI: 10.3390/en14165117
? Scopus ID: 2-s2.0-85113344066
? eISSN: 19961073
? Volume: 14
? Issue: 16
? Authors: Leone Carola; Piazza Giorgio; Longo Michela; Bracco Stefano
? Keywords: Charging infrastructure | Electric bus consumption | Electric heavy-duty vehicles | Local public transport | 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)

2021:

? Control and Optimization (Q1, rank 18, percentile 85)
? Engineering (miscellaneous) (Q1, rank 19, percentile 83)
? Subject (Q1, rank 51, percentile 76)
? Energy (miscellaneous) (Q2, rank 10, percentile 72)
? Electrical and Electronic Engineering (Q2, rank 201, percentile 71)
? Energy Engineering and Power Technology (Q2, rank 73, percentile 69)
? Fuel Technology (Q2, rank 38, percentile 65)
? Renewable Energy, Sustainability and the Environment (Q2, rank 90, percentile 58)

? Source Id: 62932

? Author Ids: 57204720688;57210463638;37023170900;15049159900

? Authoraffiliationids: 60023256;60025153;60023256;60025153

? Corresponding: Leone C.

48.

? Title: Key performance indicators for an energy community based on sustainable technologies

? Venue: Sustainability Switzerland

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 32

? DOI: 10.3390/su13168789

? Scopus ID: 2-s2.0-85112342761

? eISSN: 20711050

? Volume: 13

? Issue: 16

? Authors: Bianco Giovanni; Bonvini Barbara; Bracco Stefano; Delfino Federico; Laiolo Paola; Piazza Giorgio

? Keywords: Energy community | Energy efficiency | Hydrogen | Microgrid | Photovoltaics
| Renewable energy | Storage | Sustainable energy | Wind

? Quartile:

2025:

? Geography, Planning and Development (Q1, rank 70, percentile 91)
? Environmental Science (miscellaneous) (Q1, rank 37, percentile 87)
? Computer Science (miscellaneous) (Q1, rank 24, percentile 86)
? Management, Monitoring, Policy and Law (Q1, rank 61, percentile 85)
? Computer Networks and Communications (Q1, rank 89, percentile 83)
? Hardware and Architecture (Q1, rank 46, percentile 80)
? Energy Engineering and Power Technology (Q1, rank 65, percentile 80)
? Renewable Energy, Sustainability and the Environment (Q2, rank 96, percentile 69)

2021:

? Geography, Planning and Development (Q1, rank 99, percentile 86)
? Environmental Science (miscellaneous) (Q1, rank 20, percentile 85)
? Computer Science (miscellaneous) (Q1, rank 15, percentile 83)
? Subject (Q1, rank 50, percentile 76)
? Management, Monitoring, Policy and Law (Q1, rank 92, percentile 75)
? Computer Networks and Communications (Q2, rank 105, percentile 70)
? Energy Engineering and Power Technology (Q2, rank 72, percentile 69)
? Hardware and Architecture (Q2, rank 56, percentile 66)
? Renewable Energy, Sustainability and the Environment (Q2, rank 89, percentile 58)

? Source Id: 21100240100
? Author Ids: 57216240455;60067693400;15049159900;6603766602;56576462300;57210463638
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bianco G.

49.

? Title: Short-term power forecasting framework for microgrids using combined baseline and regression models
? Venue: Applied Sciences Switzerland
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 6
? DOI: 10.3390/app11146420
? Scopus ID: 2-s2.0-85110872574
? eISSN: 20763417
? Volume: 11
? Issue: 14
? Authors: Parejo Antonio; Bracco Stefano; Personal Enrique; Larios Diego Francisco; Delfino Federico; Leñn Carlos
? Keywords: Artificial neural networks | Microgrids | Multistep forecasting | Renewable energy sources | Short-term forecasting | Smart grids
? 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: 55293637400;15049159900;57194517010;40661668800;6603766602;24724405600
? Authoraffiliationids: 60033284;60025153;60033284;60033284;60025153;60033284
? Corresponding: Parejo A.

50.

? Title: Optimal design of electric mobility services for a Local Energy Community
? Venue: Sustainable Energy Grids and Networks
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 37
? DOI: 10.1016/j.segan.2021.100440
? Scopus ID: 2-s2.0-85100638236
? eISSN: 23524677
? Volume: 26
? Authors: Piazza G.; Bracco S.; Delfino F.; Siri S.
? Keywords: Bike sharing | Car sharing | Electric mobility services | Electric shuttle | Local energy community | MILP model | Optimization | Renewables | Storage

? 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)

2021:

? Electrical and Electronic Engineering (Q1, rank 131, percentile 81)

? Control and Systems Engineering (Q1, rank 54, percentile 80)

? Energy Engineering and Power Technology (Q1, rank 50, percentile 78)

? Renewable Energy, Sustainability and the Environment (Q2, rank 63, percentile 70)

? Source Id: 21100371258

? Author Ids: 57210463638;15049159900;6603766602;23010350500

? Authoraffiliationids: 60025153;60025153;60025153;60121711

? Corresponding: Piazza G.

51.

? Title: Simulation Models for the Evaluation of Energy Consumptions of Electric Buses in Different Urban Traffic Scenarios

? Venue: 2021 16th International Conference on Ecological Vehicles and Renewable Energies Ever 2021

? Year: 2021

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 12

? Doi: 10.1109/Ever52347.2021.9456661

? Scopus ID: 2-s2.0-85113306206

? Authors: Bracco Stefano; Bianco Giovanni; Siri Silvia; Barbagelata Cecilia; Casati Consuelo; Siri Enrico

? Keywords: driver behaviour | electric bus | energy consumption | sensitivity analysis | traffic

? Source Id: 21101056809

? Author Ids: 15049159900;57216240455;23010350500;57227617900;57228161700;57218713171

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

? Corresponding: Bracco S.

52.

? Title: Optimization-based reliability assessment of multi-energy systems

? Venue: Proceedings of the 31st European Safety and Reliability Conference Esrel 2021

? Year: 2021

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? DOI: 10.3850/978-981-18-2016-8_491-cd

? Scopus ID: 2-s2.0-85135487530

? Pages: 1676-1682

? Authors: Wu Raphael; Bussino Emanuela; Bracco Stefano; Siri Silvia; Gabrielli Paolo; Sansavini Giovanni

? Keywords: Alternating renewal process | Multi-Energy System | Optimization | Reliability | Uninterrupted supply

? Source Id: 21101100101

? Author Ids: 57192910356;57832283800;15049159900;23010350500;58707851000;24333140600

? Authoraffiliationids: 60025858;60025858;60025153;60121711;60121711;60121711

? Corresponding: Wu R.

53.

? Title: Optimization of low-carbon multi-energy systems with seasonal geothermal

energy storage: The Anergy Grid of ETH Zurich
 ? Venue: Energy Conversion and Management X
 ? Year: 2020
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 52
 ? DOI: 10.1016/j.ecmx.2020.100052
 ? Scopus ID: 2-s2.0-85090409187
 ? eISSN: 25901745
 ? Volume: 8
 ? Authors: Gabrielli Paolo; Acquilino Alberto; Siri Silvia; Bracco Stefano; Sansavini Giovanni; Mazzotti Marco
 ? Keywords: Energy networks | Geothermal storage | MINLP | Multi-energy systems | Seasonal storage | Yearly scheduling
 ? 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)
 2020:
 ? Nuclear Energy and Engineering (Q1, rank 13, percentile 81)
 ? Energy Engineering and Power Technology (Q2, rank 75, percentile 66)
 ? Fuel Technology (Q2, rank 40, percentile 60)
 ? Renewable Energy, Sustainability and the Environment (Q2, rank 81, percentile 58)
 ? Source Id: 21100896269
 ? Author Ids: 58707851000;57218847075;23010350500;15049159900;24333140600;7005206227
 ? Authoraffiliationids: 60025858;60025858;60121711;60025153;60025858;60025858
 ? Corresponding: Gabrielli P.

54.

? Title: Opportunity fast-charging of e-buses: A preliminary study for the city of Savona
 ? Venue: 2020 Aeit International Conference of Electrical and Electronic Technologies for Automotive Aeit Automotive 2020
 ? Year: 2020
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 5
 ? Scopus ID: 2-s2.0-85099676932
 ? Authors: Leone Carola; Longo Michela; Foiadelli Federica; Bracco Stefano; Piazza Giorgio; Delfino Federico
 ? Keywords: E-mobility | Electric bus | Opportunity charging | Public transport
 ? Source Id: 21101034134
 ? Author Ids: 57204720688;37023170900;22834091600;15049159900;57210463638;6603766602
 ? Authoraffiliationids: 60023256;60023256;60023256;60025153;60025153;60025153
 ? Corresponding: Leone C.

55.

? Title: A study for the optimal exploitation of solar, wind and hydro resources and electrical storage systems in the bormida valley in the North of Italy
 ? Venue: Energies
 ? Year: 2020
 ? Type: Journal
 ? Subtype: Article
 ? Citations: 6

? DOI: 10.3390/en13205291
? Scopus ID: 2-s2.0-85093362938
? eISSN: 19961073
? Volume: 13
? Issue: 20
? Authors: Bracco Stefano
? Keywords: Hydro | Loads | Optimization | Renewable energy | Solar | Storage batteries
| Wind
? 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: 15049159900
? Authoraffiliationids: 60025153
? Corresponding: Bracco S.

56.

? Title: E-Mobility Microgrid Laboratory at the Savona Campus of Genova University
? Venue: 12th Aeit International Annual Conference Aeit 2020
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Doi: 10.23919/Aeit50178.2020.9241138
? Scopus ID: 2-s2.0-85097136612
? Authors: Bracco Stefano; Delfino Federico; Piazza Giorgio
? Keywords: e-mobility | microgrid | optimization | prosumer building | V2B | V2G
? Source Id: 21101029719
? Author Ids: 15049159900;6603766602;57210463638
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bracco S.

57.

? Title: Smart Charging of Electric Vehicles to Minimize Renewable Power Curtailment in Polygeneration Prosumer Buildings
? Venue: 2020 15th International Conference on Ecological Vehicles and Renewable Energies Ever 2020
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Doi: 10.1109/Ever48776.2020.9243112

? Scopus ID: 2-s2.0-85096671744
? Authors: De Simon-Martin Miguel; De La Puente-Gil Alvaro; Juan Blanes-Peiro Jorge; Bracco Stefano; Delfino Federico; Piazza Giorgio
? Keywords: Electric vehicles | nanogrids | power curtailment | prosumer buildings | renewable energy | smart charging
? Source Id: 21101028404
? Author Ids: 55567581000;57194462807;57190424813;15049159900;6603766602;57210463638
? Authoraffiliationids: 60020657;60020657;60020657;60025153;60025153;60025153
? Corresponding: De Simon-Martin M.

58.

? Title: V2G technology to mitigate PV uncertainties
? Venue: 2020 15th International Conference on Ecological Vehicles and Renewable Energies Ever 2020
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Doi: 10.1109/Ever48776.2020.9242991
? Scopus ID: 2-s2.0-85096651698
? Authors: Bracco Stefano; Delfino Federico; Piazza Giorgio; De Simon-Martin Miguel
? Keywords: data analysis | electric vehicles | PV estimation | PVGIS | V2G
? Source Id: 21101028404
? Author Ids: 15049159900;6603766602;57210463638;55567581000
? Authoraffiliationids: 60025153;60025153;60025153;60020657
? Corresponding: Bracco S.

59.

? 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.

60.

? Title: Sustainable microgrids with energy storage as a means to increase power resilience in critical facilities: An application to a hospital
? Venue: International Journal of Electrical Power and Energy Systems
? Year: 2020
? Type: Journal
? Subtype: Article

? Citations: 113
 ? DOI: 10.1016/j.ijepes.2020.105865
 ? Scopus ID: 2-s2.0-85078154401
 ? Issn: 01420615
 ? Volume: 119
 ? Authors: Lagrange Alexis; de Simón-Martín Miguel; González-Martínez Alberto; Bracco Stefano; Rosales-Asensio Enrique
 ? Keywords: Batteries | Energy resilience | Hospital | Microgrids | Solar photovoltaics
 ? Quartile:
 2025:
 ? Electrical and Electronic Engineering (Q1, rank 57, percentile 94)
 ? Energy Engineering and Power Technology (Q1, rank 25, percentile 92)
 2020:
 ? Electrical and Electronic Engineering (Q1, rank 91, percentile 86)
 ? Energy Engineering and Power Technology (Q1, rank 33, percentile 85)
 ? Source Id: 17985
 ? Author Ids: 57214073820;55567581000;56943231800;15049159900;56606316400
 ? Authoraffiliationids: 60012570-60020657;60020657;60020657;60025153;60020657
 ? Corresponding: Lagrange A.

61.

? 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.

62.

? Title: Energy Management System for Pulau Ubin Islanded Microgrid Test-bed in Singapore
 ? Venue: Proceedings 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2020
 ? Year: 2020
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 10
 ? DOI: 10.1109/EEEIC/ICPSEurope49358.2020.9160658
 ? Scopus ID: 2-s2.0-85090423062
 ? Authors: Bertolotti Valentina; Procopio Renato; Rosini Alessandro; Bracco Stefano; Delfino Federico; Soh Chew Beng; Cao Shuyu; Wei Feng
 ? Keywords: Islanded Microgrid | power optimization | Pulau Ubin
 ? Source Id: 21101021268
 ? Author Ids: 57218843174;7801615894;57204050700;15049159900;6603766602;35202127400;720

2703635;50062108000

? Authoraffiliationids:

60025153;60025153;60025153;60025153;60025153;100379158;100379158;100379158

? Corresponding: Bertolotti V.

63.

? Title: Electricity Spot Prices Forecasting for MIBEL by using Deep Learning: A comparison between NAR, NARX and LSTM networks

? Venue: Proceedings 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe Eeeic I and Cps Europe 2020

? Year: 2020

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? DOI: 10.1109/EEEIC/ICPSEurope49358.2020.9160587

? Scopus ID: 2-s2.0-85090413898

? Authors: De Simon-Martin Miguel; Bracco Stefano; Rosales-Asensio Enrique; Piazza Giorgio; Delfino Federico; Giribone Pier Giuseppe

? Keywords: Deep Learning Dynamic Neural Networks | Electricity Markets | Electricity Price Forecasting | LSTM | NAR | NARX | Time Series

? Source Id: 21101021268

? Author Ids: 55567581000;15049159900;56606316400;57210463638;6603766602;59016027900

? Authoraffiliationids: 60020657;60020657;60025153;60025153;60025153;60025153

? Corresponding: De Simon-Martin M.

64.

? Title: Hydrogen as an energy vector to optimize the energy exploitation of a self-consumption solar photovoltaic facility in a dwelling house

? Venue: Energy Reports

? Year: 2020

? Type: Journal

? Subtype: Article

? Citations: 13

? DOI: 10.1016/j.egyr.2019.10.034

? Scopus ID: 2-s2.0-85074538541

? eISSN: 23524847

? Volume: 6

? Pages: 155-166

? Authors: Mart n-Garc a  igo; Rosales-Asensio Enrique; Gonz lez-Mart nez Alberto; Bracco Stefano; Delfino Federico; de Sim n-Mart n Miguel

? Keywords: Energy vector | Hydrogen | Nano-grids | Power storage | Smart grids | Solar photovoltaics

? Quartile:

2025:

? Energy (all) (Q1, rank 11, percentile 86)

2020:

? Energy (all) (Q2, rank 25, percentile 62)

? Source Id: 21100389511

? Author Ids: 57211586835;56606316400;56943231800;15049159900;6603766602;55567581000

? Authoraffiliationids: 60020657;60020657;60020657;60025153;60025153;60020657

? Corresponding: Mart n-Garc a   .

65.

? 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 Mansueto
 ? 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.
66.
 ? Title: Design of a sustainable polygeneration microgrid for the retrofitting of an industrial site: Ansaldo Energia case study
 ? Venue: E3s Web of Conferences
 ? Year: 2019
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 2
 ? DOI: 10.1051/e3sconf/201911303009
 ? Scopus ID: 2-s2.0-85071867297
 ? Issn: 25550403
 ? eISSN: 22671242
 ? Volume: 113
 ? Authors: Bianchi Enrico; Bracco Stefano; Cannizzaro Fabio; Delfino Federico; Giacchino Alessandro
 ? Source Id: 21100795900
 ? Author Ids: 57191512790;15049159900;57210914509;6603766602;57204650870
 ? Authoraffiliationids: 60073836;60025153;60025153;60025153;60073836
 ? Corresponding: Bianchi E.
- 67.

? Title: Evaluating LCOE in sustainable microgrids for smart city applications
? Venue: E3s Web of Conferences
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? DOI: 10.1051/e3sconf/201911303006
? Scopus ID: 2-s2.0-85071835988
? Issn: 25550403
? eISSN: 22671242
? Volume: 113
? Authors: Bracco Stefano; Delfino Federico; Laiolo Paola; Pagnini Luisa; Piazza Giorgio
? Source Id: 21100795900
? Author Ids: 15049159900;6603766602;56576462300;55665875600;57210463638
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bracco S.

68.

? Title: Nanogrids with renewable sources, electrical storage and vehicle-to-home systems in the household sector: Analysis for a single-family dwelling
? Venue: 2019 IEEE Milan Powertech Powertech 2019
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Doi: 10.1109/Ptc.2019.8810757
? Scopus ID: 2-s2.0-85072340311
? Authors: Bracco Stefano; Delfino Federico; Piazza Giorgio; Foiadelli Federica; Longo Michela
? Keywords: Electrical loads | Nanogrids | Photovoltaics | Storage system | Vehicle-to-home
? Source Id: 21100929352
? Author Ids: 15049159900;6603766602;57210463638;22834091600;37023170900
? Authoraffiliationids: 60025153;60025153;60025153;60023256;60023256
? Corresponding: Bracco S.

69.

? Title: Integration of electric mobility services within an existing polygeneration microgrid
? 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: 7
? Doi: 10.1109/Eeeic.2019.8783664
? Scopus ID: 2-s2.0-85070834824
? Authors: Piazza G.; Bracco S.; Siri S.; Delfino F.
? Source Id: 21100924363
? Author Ids: 57210463638;15049159900;23010350500;6603766602
? Authoraffiliationids: 60025153;60025153;60121711;60025153
? Corresponding: Piazza G.

70.

? 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^ˆn-Mart^ˆn Miguel; Bracco Stefano; Rossi Mansueto; Delfino Federico; Gonz^ˆlez-Mart^ˆnez Alberto; Blanes-Peir^ˆ J 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^ˆn-Mart^ˆn M.

71.

? Title: On the integration of solar PV and storage batteries within a microgrid

? 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: 3

? Doi: 10.1109/Eeeic.2019.8783861

? Scopus ID: 2-s2.0-85070802080

? Authors: Bracco Stefano; Delfino Federico; Foiadelli Federica; Longo Michela

? Keywords: management | microgrid | optimization | photovoltaic | storage

? Source Id: 21100924363

? Author Ids: 15049159900;6603766602;22834091600;37023170900

? Authoraffiliationids: 60025153;60025153;60023256;60023256

? Corresponding: Bracco S.

72.

? Title: Electric Vehicles and Storage Systems Integrated within a Sustainable Urban District Fed by Solar Energy

? Venue: Journal of Advanced Transportation

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 15

? Doi: 10.1155/2019/9572746

? Scopus ID: 2-s2.0-85077499599

? Issn: 01976729

? eISSN: 20423195

? Volume: 2019

? Authors: Bracco Stefano; Delfino Federico; Longo Michela; Siri Silvia

? Quartile:

2025:

? Economics and Econometrics (Q1, rank 172, percentile 76)

? Automotive Engineering (Q1, rank 33, percentile 75)

? Mechanical Engineering (Q2, rank 201, percentile 72)

? Computer Science Applications (Q2, rank 315, percentile 67)

? Strategy and Management (Q2, rank 180, percentile 64)

2019:

? Economics and Econometrics (Q1, rank 151, percentile 76)

? Automotive Engineering (Q2, rank 26, percentile 71)

? Strategy and Management (Q2, rank 131, percentile 69)

? Mechanical Engineering (Q2, rank 202, percentile 65)

? Computer Science Applications (Q2, rank 263, percentile 58)

? Source Id: 18895

? Author Ids: 15049159900;6603766602;37023170900;23010350500

? Authoraffiliationids: 60025153;60025153;60023256;60121711

? Corresponding: Bracco S.

73.

? Title: A simplified study for reactive power management in autonomous microgrids

? Venue: Wseas Transactions on Power Systems

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 13

? Scopus ID: 2-s2.0-85076252294

? Issn: 17905060

? eISSN: 2224350X

? Volume: 14

? Pages: 107-112

? Authors: Rosini A.; Bonfiglio A.; Mestriner D.; Minetti M.; Bracco S.

? Keywords: Autonomous microgrids | Microgrids | Power electronic converters | Power management | Reactive power | Voltage control

? Quartile:

2025:

? Industrial and Manufacturing Engineering (Q3, rank 240, percentile 41)

? Electrical and Electronic Engineering (Q3, rank 621, percentile 37)

2019:

? Subject (Q2, rank 456, percentile 54)

? Subject (Q3, rank 128, percentile 36)

? Subject (Q3, rank 259, percentile 34)

? Subject (Q3, rank 912, percentile 26)

? Industrial and Manufacturing Engineering (Q4, rank 261, percentile 23)

? Source Id: 19700190300

? Author Ids: 57204050700;36607521000;57115575100;57210474295;15049159900

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

? Corresponding: Rosini A.

74.

? Title: The University of Genoa Smart City Demo Site

? Venue: 2018 110th Aeit International Annual Conference Aeit 2018

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Doi: 10.23919/Aeit.2018.8577374

? Scopus ID: 2-s2.0-85060314528

? Authors: Bracco Stefano; Brignone Massimo; Delfino Federico; Laiolo Paola; Procopio Renato

? Keywords: Energy Island | Living Lab | Smart City | Sustainability | Sustainable Energy

? Source Id: 21100895607
? Author Ids: 15049159900;8580886100;6603766602;56576462300;7801615894
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bracco S.

75.

? Title: Planning & open-air demonstrating smart city sustainable districts
? Venue: Sustainability Switzerland
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 45
? DOI: 10.3390/su10124636
? Scopus ID: 2-s2.0-85058030650
? eISSN: 20711050
? Volume: 10
? Issue: 12
? Authors: Bracco Stefano; Delfino Federico; Laiolo Paola; Morini Andrea
? Keywords: Living lab | Smart city | Sustainability | Sustainable energy | Sustainable environment | Wellbeing
? Quartile:
2025:
? Geography, Planning and Development (Q1, rank 70, percentile 91)
? Environmental Science (miscellaneous) (Q1, rank 37, percentile 87)
? Computer Science (miscellaneous) (Q1, rank 24, percentile 86)
? Management, Monitoring, Policy and Law (Q1, rank 61, percentile 85)
? Computer Networks and Communications (Q1, rank 89, percentile 83)
? Hardware and Architecture (Q1, rank 46, percentile 80)
? Energy Engineering and Power Technology (Q1, rank 65, percentile 80)
? Renewable Energy, Sustainability and the Environment (Q2, rank 96, percentile 69)
2018:
? Geography, Planning and Development (Q1, rank 143, percentile 78)
? Management, Monitoring, Policy and Law (Q2, rank 110, percentile 64)
? Renewable Energy, Sustainability and the Environment (Q3, rank 81, percentile 49)
? Source Id: 21100240100
? Author Ids: 15049159900;6603766602;56576462300;7006658135
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bracco S.

76.

? Title: Creation of hubs for sustainable mobility
? Venue: Proceedings 2018 2nd European Conference on Electrical Engineering and Computer Science Eecs 2018
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1109/Eecs.2018.00061
? Scopus ID: 2-s2.0-85076374017
? Pages: 296-301
? Authors: Bracco Stefano; Longo Michela; Pastorelli Andrea; Ramundo Samuele
? Keywords: Accessibility | Electric Vehicles | Hub | Mobility | Multimodal Transport
? Source Id: 21100938711
? Author Ids: 15049159900;37023170900;57212273158;57212268137
? Authoraffiliationids: 60025153;60023256;60023256;60023256
? Corresponding: Bracco S.

77.

? 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.

78.

? Title: Towards the New Concept of Smart Roads: Regulatory Framework and Emerging Projects Overview
? Venue: 2018 International Conference of Electrical and Electronic Technologies for Automotive Automotive 2018
? Year: 2018
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.23919/Eeta.2018.8493237
? Scopus ID: 2-s2.0-85056892310
? Authors: Franzo Simone; Latilla Vito Manfredi; Longo Michela; Bracco Stefano
? Keywords: Intelligent Transport Systems | regulation | Smart road
? Source Id: 21100886522
? Author Ids: 57188845753;57191667877;37023170900;15049159900
? Authoraffiliationids: 60023256;60023256;60023256;60025153
? Corresponding: Franzo S.

79.

? 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.

80.

? Title: Electrical storage systems based on Sodium/Nickel chloride batteries: A mathematical model for the cell electrical parameter evaluation validated on a real smart microgrid application

? Venue: Journal of Power Sources

? Year: 2018

? Type: Journal

? Subtype: Article

? Citations: 29

? DOI: 10.1016/j.jpowsour.2018.07.115

? Scopus ID: 2-s2.0-85050926097

? Issn: 03787753

? Volume: 399

? Pages: 372-382

? Authors: Bracco Stefano; Delfino Federico; Trucco Angela; Zin Stefano

? Keywords: Electrical storage systems | Electrochemical cell model | Experimental validation | Smart microgrid | Sodium/Nickel chloride batteries

? Quartile:

2025:

? Electrical and Electronic Engineering (Q1, rank 71, percentile 92)

? Energy Engineering and Power Technology (Q1, rank 33, percentile 90)

? Physical and Theoretical Chemistry (Q1, rank 21, percentile 89)

? Renewable Energy, Sustainability and the Environment (Q1, rank 57, percentile 81)

2018:

? Energy Engineering and Power Technology (Q1, rank 4, percentile 98)

? Electrical and Electronic Engineering (Q1, rank 15, percentile 97)

? Physical and Theoretical Chemistry (Q1, rank 7, percentile 95)

? Renewable Energy, Sustainability and the Environment (Q1, rank 10, percentile 94)

? Source Id: 18063

? Author Ids: 15049159900;6603766602;8135855700;57188586312

? Authoraffiliationids: 60025153;60025153;60025153;116728375

? Corresponding: Bracco S.

81.

? Title: Optimization model for the design of a smart energy infrastructure with electric mobility

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper
? Citations: 15
? DOI: 10.1016/j.ifacol.2018.07.033
? Scopus ID: 2-s2.0-85050157313
? eISSN: 24058963
? Volume: 51
? Issue: 9
? Pages: 200-205
? Authors: Bracco S.; Cancemi C.; Causa F.; Longo M.; Siri S.
? Quartile:
2025:
? Control and Systems Engineering (Q3, rank 218, percentile 42)
2018:
? Control and Systems Engineering (Q3, rank 161, percentile 32)
? Author Ids: 15049159900;57192254805;57202993153;37023170900;23010350500
? Authoraffiliationids: 60025153;60025153;60025153;60023256;60121711
? Corresponding: Bracco S.

82.

? 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.

83.

? Title: An energy management system for the savona campus smart polygeneration microgrid
? Venue: IEEE Systems Journal
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 62
? Doi: 10.1109/Jsys.2015.2419273
? Scopus ID: 2-s2.0-85030477023
? Issn: 19328184
? eISSN: 19379234
? Volume: 11
? Issue: 3
? Pages: 1799-1809

? Authors: Bracco Stefano; Brignone Massimo; Delfino Federico; Procopio Renato
? Keywords: Energy management | energy storage | load flow (LF) | optimization methods
| power generation dispatch
? 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)
2017:
? Electrical and Electronic Engineering (Q1, rank 66, percentile 90)
? Control and Systems Engineering (Q1, rank 26, percentile 89)
? Source Id: 11300153734
? Author Ids: 15049159900;8580886100;6603766602;7801615894
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Bracco S.

84.

? Title: Preliminary study on electric mobility applied to a University Campus in North Italy
? Venue: 2017 6th International Conference on Clean Electrical Power Renewable Energy Resources Impact Iccep 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1109/Iccep.2017.8004801
? Scopus ID: 2-s2.0-85028504353
? Pages: 117-121
? Authors: Bracco Stefano; Brenna Morris; Delfino Federico; Foiadelli Federica; Longo Michela
? Keywords: Electric Vehicles | Energy Efficiency | Energy Policy | Renewable Energy Sources
? Source Id: 21100828603
? Author Ids: 15049159900;8958410500;57195503113;22834091600;37023170900
? Authoraffiliationids: 60025153;60023256;60025153;60023256;60023256
? Corresponding: Bracco S.

85.

? 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.

86.

? Title: Smart microgrid monitoring: Evaluation of key performance indicators for a PV plant connected to a LV microgrid

? Venue: 2017 IEEE Pes Innovative Smart Grid Technologies Conference Europe Isgt Europe 2017 Proceedings

? Year: 2017

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 10

? DOI: 10.1109/ISGTEurope.2017.8260322

? Scopus ID: 2-s2.0-85046287118

? Volume: 2018-January

? Pages: 1-6

? Authors: Bracco Stefano; Delfino Federico; Foiadelli Federica; Longo Michela

? Keywords: data acquisition | key performance indicators | microgrid | photovoltaic systems

? Source Id: 21100958325

? Author Ids: 15049159900;6603766602;22834091600;37023170900

? Authoraffiliationids: 60025153;60025153;60023256;60023256

? Corresponding: Bracco S.

87.

? Title: Superheater and drum lifetime estimation: An approach based on dynamic analysis

? Venue: Journal of Energy Resources Technology Transactions of the ASME

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 13

? Doi: 10.1115/1.4035020

? Scopus ID: 2-s2.0-85054268022

? Issn: 01950738

? eISSN: 15288994

? Volume: 139

? Issue: 3

? Authors: Benato Alberto; Anna Stoppato; Alberto Mirandola; Destro Nicola; Bracco Stefano

? Quartile:

2025:

? Geochemistry and Petrology (Q1, rank 16, percentile 90)

? Mechanical Engineering (Q1, rank 104, percentile 85)

? Energy Engineering and Power Technology (Q1, rank 67, percentile 79)

? Fuel Technology (Q2, rank 36, percentile 73)

? Renewable Energy, Sustainability and the Environment (Q2, rank 104, percentile 66)

2017:

? Energy Engineering and Power Technology (Q3, rank 125, percentile 39)

? Mechanical Engineering (Q3, rank 374, percentile 35)

? Fuel Technology (Q3, rank 60, percentile 33)

? Renewable Energy, Sustainability and the Environment (Q3, rank 112, percentile 25)

? Geochemistry and Petrology (Q4, rank 96, percentile 19)

? Source Id: 27019

? Author Ids: 56071012200;6602314818;6603923961;56241410700;15049159900

? Authoraffiliationids: 60000481;60000481;60000481;60000481;60025153

? Corresponding: Benato A.

88.

? Title: Electric Vehicle Use in Public Fleets: The Case of the Genoa University

? Venue: Proceedings of 8th International Conference on Energy and Environment Energy Saved Today is Asset for Future Ciem 2017

? Year: 2017

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1109/Ciem.2017.8120773

? Scopus ID: 2-s2.0-85041226956

? Pages: 490-494

? Authors: Foiadelli Federica; Longo Michela; Delfino Federico; Bracco Stefano; Spina Domenico; Dhaene Tom

? Keywords: Electric vehicles | Electrical storage systems | Modeling | Renewable energy sources | Smart microgrids

? Source Id: 21100933089

? Author Ids: 22834091600;37023170900;6603766602;15049159900;57195345985;6603882624

? Authoraffiliationids: 60023256;60023256;60025153;60025153;60033316;60033316

? Corresponding: Foiadelli F.

89.

? Title: A mathematical model for the dynamic simulation of low size cogeneration gas turbines within smart microgrids

? Venue: Energy

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 47

? DOI: 10.1016/j.energy.2016.11.033

? Scopus ID: 2-s2.0-85006797214

? Issn: 03605442

? Volume: 119

? Pages: 710-723

? Authors: Bracco Stefano; Delfino Federico

? Keywords: Cogeneration | Dynamic simulation | Microturbine | Smart microgrid

? Quartile:

2025:

? Modeling and Simulation (Q1, rank 4, percentile 99)

? Civil and Structural Engineering (Q1, rank 7, percentile 98)

? Mechanical Engineering (Q1, rank 19, percentile 97)

? Building and Construction (Q1, rank 7, percentile 97)

? Management, Monitoring, Policy and Law (Q1, rank 13, percentile 96)

? Electrical and Electronic Engineering (Q1, rank 34, percentile 96)

? Energy Engineering and Power Technology (Q1, rank 16, percentile 95)

? Pollution (Q1, rank 10, percentile 94)

? Industrial and Manufacturing Engineering (Q1, rank 23, percentile 94)

? Fuel Technology (Q1, rank 10, percentile 93)

? Energy (all) (Q1, rank 7, percentile 91)

? Renewable Energy, Sustainability and the Environment (Q1, rank 32, percentile 89)

2017:

? Civil and Structural Engineering (Q1, rank 4, percentile 98)

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

? Industrial and Manufacturing Engineering (Q1, rank 10, percentile 97)

? Mechanical Engineering (Q1, rank 18, percentile 96)
? Electrical and Electronic Engineering (Q1, rank 44, percentile 93)
? Pollution (Q1, rank 8, percentile 92)
? Source Id: 29348
? Author Ids: 15049159900;6603766602
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bracco S.

90.

? Title: Smart microgrids in smart campuses with electric vehicles and storage systems: Analysis of possible operating scenarios
? 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: 18
? Doi: 10.1109/Isc2.2016.7580794
? Scopus ID: 2-s2.0-84994134055
? Authors: Brenna Morris; Foiadelli Federica; Longo Michela; Bracco Stefano; Delfino Federico
? Keywords: Electric vehicles | Electrical storage systems | Renewable energy sources | Smart microgrids
? Source Id: 21100784246
? Author Ids: 8958410500;22834091600;37023170900;15049159900;6603766602
? Authoraffiliationids: 60023256;60023256;60023256;60025153;60025153
? Corresponding: Brenna M.

91.

? 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.

92.

? Title: Sustainable electric mobility analysis in the Savona Campus of the University of Genoa
? Venue: Eeeic 2016 International Conference on Environment and Electrical Engineering
? Year: 2016
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 10
? Doi: 10.1109/Eeeic.2016.7555562

? Scopus ID: 2-s2.0-84988409090
? Authors: Brenna Morris; Foiadelli Federica; Longo Michela; Bracco Stefano; Delfino Federico
? Keywords: data analysis | electric vehicles | Smart microgrid
? Source Id: 21100780440
? Author Ids: 8958410500;22834091600;37023170900;15049159900;6603766602
? Authoraffiliationids: 60023256;60023256;60023256;60025153;60025153
? Corresponding: Brenna M.

93.

? 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.

94.

? 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.

95.

? Title: Distributed optimal power flow for islanded microgrids: An application to the Smart Polygeneration Microgrid of the Genoa University
? 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: 2

? Doi: 10.1109/lsc2.2016.7580793
? Scopus ID: 2-s2.0-84994165298
? Authors: Buono Luca; Sanseverino Eleonora Riva; Di Silvestre Maria Luisa; Bracco Stefano; Delfino Federico
? Keywords: Distributed optimization | Micro-grids | Optimal power flow
? Source Id: 21100784246
? Author Ids: 57194134150;57218479108;6701724984;15049159900;6603766602
? Authoraffiliationids: 60017697;60017697;60017697;60025153;60025153
? Corresponding: Buono L.

96.

? 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.

97.

? Title: DESOD : A mathematical programming tool to optimally design a distributed energy system
? Venue: Energy
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 71
? DOI: 10.1016/j.energy.2016.01.050
? Scopus ID: 2-s2.0-84958766749
? Issn: 03605442
? Volume: 100
? Pages: 298-309
? Authors: Bracco Stefano; Dentici Gabriele; Siri Silvia
? Keywords: Cogeneration | Distributed generation | Optimal design | Renewables | Storage | Trigeneration
? 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)

2016:

- ? Civil and Structural Engineering (Q1, rank 4, percentile 98)
- ? Industrial and Manufacturing Engineering (Q1, rank 9, percentile 97)
- ? Mechanical Engineering (Q1, rank 16, percentile 97)
- ? Building and Construction (Q1, rank 5, percentile 97)
- ? Electrical and Electronic Engineering (Q1, rank 47, percentile 92)
- ? Pollution (Q1, rank 8, percentile 92)
- ? Energy (all) (Q1, rank 6, percentile 91)

? Source Id: 29348

? Author Ids: 15049159900;55694520700;23010350500

? Authoraffiliationids: 60025153;60121711;60121711

? Corresponding: Bracco S.

98.

? Title: LTE: A procedure to predict power plants dynamic behaviour and components lifetime reduction during transient operation

? Venue: Applied Energy

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 75

? DOI: 10.1016/j.apenergy.2015.10.162

? Scopus ID: 2-s2.0-84946866666

? Issn: 03062619

? Volume: 162

? Pages: 880-891

? Authors: Benato A.; Bracco S.; Stoppato A.; Mirandola A.

? Keywords: Combined cycle power plant | Dynamic model | Plant flexibility | Residual life

? 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)

2016:

- ? Subject (Q1, rank 1, percentile 99)
- ? Building and Construction (Q1, rank 1, percentile 99)
- ? Energy (all) (Q1, rank 1, percentile 99)
- ? Management, Monitoring, Policy and Law (Q1, rank 3, percentile 99)
- ? Mechanical Engineering (Q1, rank 7, percentile 98)

? Source Id: 28801

? Author Ids: 56071012200;15049159900;6602314818;6603923961
? Authoraffiliationids: 60000481;60025153;60000481;60000481
? Corresponding: Benato A.

99.

? 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.

100.

? Title: Dynamic simulation of combined cycle power plant cycling in the electricity market
? Venue: Energy Conversion and Management
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 58
? DOI: 10.1016/j.enconman.2015.07.050
? Scopus ID: 2-s2.0-84947116319
? Issn: 01968904
? Volume: 107
? Pages: 76-85
? Authors: Benato A.; Bracco S.; Stoppato A.; Mirandola A.
? Keywords: Combined cycle | Dynamic model | Low cycle fatigue | Plant flexibility | Residual life
? 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)
2016:
? Fuel Technology (Q1, rank 2, percentile 98)
? Energy Engineering and Power Technology (Q1, rank 4, percentile 98)
? Nuclear Energy and Engineering (Q1, rank 2, percentile 97)
? Renewable Energy, Sustainability and the Environment (Q1, rank 12, percentile 91)
? Source Id: 29372
? Author Ids: 56071012200;15049159900;6602314818;6603923961
? Authoraffiliationids: 60000481;60025153;60000481;60000481
? Corresponding: Benato A.

101.

? 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.

102.

? 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.

103.

? Title: The role of high efficiency trigeneration plants within sustainable smart microgrids: Performance analysis and experimental tests

? Venue: 2015 Aeit International Annual Conference Aeit 2015

? Year: 2015

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1109/Aeit.2015.7415236
? Scopus ID: 2-s2.0-84964853716
? Authors: Bracco Stefano; Delfino Federico
? Keywords: Absorption chiller | Microturbine | Smart microgrid | Test bed |
Trigeneration
? Source Id: 21100826364
? Author Ids: 15049159900;6603766602
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bracco S.

104.

? Title: Key performance indicators in assessing new technology for electricity
transmission and distribution networks
? Venue: Eco Friendly Innovation in Electricity Transmission and Distribution Networks
? Year: 2015
? Type: Book
? Subtype: Book Chapter
? Citations: 2
? Doi: 10.1016/B978-1-78242-010-1.00002-1
? Scopus ID: 2-s2.0-84942942637
? Pages: 47-63
? Authors: Delfino F.; Bracco S.; Pampararo F.
? Keywords: Emissions reductions | Energy efficiency | EU policies | Key performance
indicators
? Source Id: 21100962785
? Author Ids: 6603766602;15049159900;36782697700
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Delfino F.

105.

? 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;7004
979187;7403708681
? Authoraffiliationids:
60025153;60025153;60025153;60025153;60025153;60121711;60025153
? Corresponding: Bonfiglio A.

106.

? Title: Dynamic behaviour analysis of a single pressure heat recovery steam generator
during cycling operation
? Venue: 27th International Conference on Efficiency Cost Optimization Simulation and

Environmental Impact of Energy Systems ECOS 2014

? Year: 2014

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Scopus ID: 2-s2.0-84943590007

? Authors: Benato Alberto; Stoppato Anna; Bracco Stefano

? Keywords: Deregulated electricity market | Dynamic model | Heat recovery steam generator | Low cycle fatigue | Residual

? Source Id: 21100405479

? Author Ids: 56071012200;6602314818;15049159900

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Benato A.

107.

? 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 | Micogrids | 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.

108.

? Title: Combined cycle power plants: A comparison between two different dynamic models to evaluate transient behaviour and residual life

? Venue: Energy Conversion and Management

? Year: 2014

? Type: Journal

? Subtype: Article

? Citations: 81

? DOI: 10.1016/j.enconman.2014.06.017

? Scopus ID: 2-s2.0-84908661093

? Issn: 01968904

? Volume: 87

? Pages: 1269-1280

? Authors: Benato Alberto; Stoppato Anna; Bracco Stefano

? Keywords: Combined cycle power plants | Creep-fatigue model | Deregulated market | Drum | Dynamic simulation | Superheater | Sustainability

? 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)

2014:

- ? Nuclear Energy and Engineering (Q1, rank 2, percentile 97)
- ? Energy Engineering and Power Technology (Q1, rank 6, percentile 96)
- ? Fuel Technology (Q1, rank 4, percentile 95)
- ? Renewable Energy, Sustainability and the Environment (Q1, rank 17, percentile 85)

? Source Id: 29372

? Author Ids: 56071012200;6602314818;15049159900

? Authoraffiliationids: 60000481;60000481;60025153

? Corresponding: Benato A.

109.

? 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 Sources (RES)

? Source Id: 21100332188

? Author Ids: 36607521000;8580886100;6603766602;36782697700;7801615894;7403708681;7004979187;15049159900

? Authoraffiliationids:

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

? Corresponding: Bonfiglio A.

110.

? Title: Dynamic simulation of a steam generator for ironing machines

? Venue: Energy Conversion and Management

? Year: 2014

? Type: Journal

? Subtype: Article

? Citations: 5

? DOI: 10.1016/j.enconman.2014.04.004

? Scopus ID: 2-s2.0-84899581529

? Issn: 01968904

? Volume: 84

? Pages: 13-19

? Authors: Bracco Stefano; Cravero Carlo

? Keywords: Dynamic simulation | Ironing machine | Steam generator

? 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)

2014:

- ? Nuclear Energy and Engineering (Q1, rank 2, percentile 97)
- ? Energy Engineering and Power Technology (Q1, rank 6, percentile 96)
- ? Fuel Technology (Q1, rank 4, percentile 95)
- ? Renewable Energy, Sustainability and the Environment (Q1, rank 17, percentile 85)

? Source Id: 29372
? Author Ids: 15049159900;56024477100
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bracco S.

111.

? 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.

112.

? 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.

113.

? Title: Economic and environmental optimization model for the design and the operation of a combined heat and power distributed generation system in an urban area
? Venue: Energy
? Year: 2013
? Type: Journal
? Subtype: Article
? Citations: 201
? DOI: 10.1016/j.energy.2013.04.004
? Scopus ID: 2-s2.0-84878661258
? Issn: 03605442
? Volume: 55
? Pages: 1014-1024
? Authors: Bracco Stefano; Dentici Gabriele; Siri Silvia
? Keywords: Building energy consumptions | CHP technologies | Distributed generation system | District heating network | Optimization
? 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)
2013:
? Energy (all) (Q1, rank 4, percentile 93)
? Pollution (Q1, rank 7, percentile 93)
? Source Id: 29348
? Author Ids: 15049159900;55694520700;23010350500
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bracco S.

114.

? 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.
115.
 ? Title: The smart microgrid pilot project of the University of Genoa: Power and communication architectures
 ? Venue: Aeit Annual Conference 2013 Innovation and Scientific and Technical Culture for Development Aeit 2013 Selected Proceedings Papers
 ? Year: 2013
 ? Type: Conference Proceeding
 ? Subtype: Conference Paper
 ? Citations: 4
 ? DOI: 10.1109/aeit.2013.6666794
 ? Scopus ID: 2-s2.0-84893384882
 ? Authors: Bonfiglio A.; Barillari L.; Delfino F.; Pampararo F.; Procopio R.; Rossi M.; Invernizzi M.; Denegri G. B.; Bracco S.
 ? Keywords: Energy management system | integration of private microgrids into public distribution networks | Smart grid
 ? Source Id: 21101015978
 ? Author Ids: 36607521000;55568698600;6603766602;36782697700;7801615894;7403708681;6701527755;7004649825;15049159900
 ? Authoraffiliationids:
 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
 ? Corresponding: Bonfiglio A.
116.
 ? 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.

117.

? 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.

118.

? 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.

119.

? Title: Dynamic simulation of combined cycles operating in transient conditions: An innovative approach to determine the steam drums life consumption

? Venue: Proceedings of the 25th International Conference on Efficiency Cost Optimization and Simulation of Energy Conversion Systems and Processes ECOS 2012

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper
? Citations: 6
? Scopus ID: 2-s2.0-84896368298
? Volume: 1
? Pages: 85-99
? Authors: Bracco Stefano
? Keywords: Combined cycles | Cycling | Life consumption | Rainflow method | Steam drum
? Source Id: 21100497795
? Author Ids: 15049159900
? Authoraffiliationids: 60025153
? Corresponding: Bracco S.

120.

? Title: A non-conventional interpretation of thermal regeneration in steam cycles
? Venue: Applied Energy
? Year: 2012
? Type: Journal
? Subtype: Article
? Citations: 5
? DOI: 10.1016/j.apenergy.2011.12.047
? Scopus ID: 2-s2.0-84862320105
? Issn: 03062619
? Volume: 97
? Pages: 548-557
? Authors: Bracco Stefano; Damiani Lorenzo
? Keywords: COP | Cycle efficiency | Feedwater heaters | Heat pump | Regenerative Rankine cycle
? 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)
2012:
? Subject (Q1, rank 1, percentile 99)
? Energy (all) (Q1, rank 2, percentile 97)
? Source Id: 28801
? Author Ids: 15049159900;36099941100
? Authoraffiliationids: 60025153;60025153
? Corresponding: Bracco S.

121.

? Title: Simulation models of steam drums based on the heat transfer equations
? Venue: Applied Mathematical Sciences
? Year: 2010
? Type: Journal
? Subtype: Article
? Citations: 10
? Scopus ID: 2-s2.0-78650441641
? eISSN: 1312885X
? Volume: 4
? Issue: 73-76
? Pages: 3687-3712
? Authors: Bracco Stefano
? Keywords: Dynamic simulation | Finite differences | Heat transfer | Insulation |

Metal | Steam drum

? Source Id: 25166

? Author Ids: 15049159900

? Authoraffiliationids: 60025153

? Corresponding: Bracco S.

122.

? Title: Exergetic optimization of single level combined gas-steam power plants considering different objective functions

? Venue: Energy

? Year: 2010

? Type: Journal

? Subtype: Article

? Citations: 41

? DOI: 10.1016/j.energy.2010.07.021

? Scopus ID: 2-s2.0-78649807644

? Issn: 03605442

? Volume: 35

? Issue: 12

? Pages: 5365-5373

? Authors: Bracco Stefano; Siri Silvia

? 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)

? Source Id: 29348

? Author Ids: 15049159900;23010350500

? Authoraffiliationids: 60025153;60025153

? Corresponding: Bracco S.

123.

? Title: A simple dynamic model and stability analysis of a steam boiler drum

? Venue: Proceedings of the Institution of Mechanical Engineers Part A Journal of Power and Energy

? Year: 2009

? Type: Journal

? Subtype: Article

? Citations: 9

? Doi: 10.1243/09576509jpe783

? Scopus ID: 2-s2.0-70450216972

? Issn: 09576509

? Volume: 223

? Issue: 7

? Pages: 809-820

? Authors: Bracco S.; Troilo M.; Trucco A.

? Keywords: Dynamic simulation | Stability analysis | Steam boiler drum

? Quartile:
2025:
? Mechanical Engineering (Q2, rank 323, percentile 56)
? Energy Engineering and Power Technology (Q2, rank 152, percentile 53)
? Source Id: 20405
? Author Ids: 15049159900;57219711625;8135855700
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bracco S.

124.

? Title: Mathematical models of air-cooled condensers for thermoelectric units
? Venue: Wit Transactions on Ecology and the Environment
? Year: 2009
? Type: Journal
? Subtype: Article
? Citations: 5
? Doi: 10.2495/Esu090351
? Scopus ID: 2-s2.0-71649084480
? Issn: 17433541
? Volume: 121
? Pages: 399-410
? Authors: Bracco S.; Caligaris O.; Trucco A.
? Keywords: Air-cooled condenser | Non-condensable gases | Simulation model
? Quartile:
2025:
? Environmental Science (all) (Q4, rank 193, percentile 19)
? Source Id: 5700191202
? Author Ids: 15049159900;55301375700;8135855700
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Bracco S.

125.

? Title: The wet compression technology for gas turbine power plants: Thermodynamic model
? Venue: Applied Thermal Engineering
? Year: 2007
? Type: Journal
? Subtype: Article
? Citations: 36
? DOI: 10.1016/j.applthermaleng.2006.10.013
? Scopus ID: 2-s2.0-33750514051
? Issn: 13594311
? Volume: 27
? Issue: 4
? Pages: 699-704
? Authors: Bracco Stefano; Pierfederici Alessandro; Trucco Angela
? Keywords: Combined cycle units | Fogging | Gas turbine | Wet compression
? Quartile:
2025:
? Mechanical Engineering (Q1, rank 56, percentile 92)
? Fluid Flow and Transfer Processes (Q1, rank 8, percentile 92)
? Industrial and Manufacturing Engineering (Q1, rank 46, percentile 88)
? Energy Engineering and Power Technology (Q1, rank 47, percentile 85)
? Source Id: 13688
? Author Ids: 15049159900;15049738300;8135855700
? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Bracco S.

126.

? Title: Dynamic simulator of a combined cycle power plant: Focus on the heat recovery steam generator

? Venue: ECOS 2007 Proceedings of the 20th International Conference on Efficiency Cost Optimization Simulation and Environmental Impact of Energy Systems

? Year: 2007

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 18

? Scopus ID: 2-s2.0-84905257741

? Volume: 1

? Pages: 189-196

? Authors: Bracco Stefano; Crosa Giampaolo; Trucco Angela

? Keywords: Combined cycle power plants | Dynamic simulation | HRSG

? Source Id: 21100395719

? Author Ids: 15049159900;7003850009;8135855700

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Bracco S.