

Giovanni Giannocco

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

261
citations

1478458

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h-index

1720014

7
g-index

20
all docs

20
docs citations

20
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Integrated Photonic Sensors. Sensors, 2012, 12, 15558-15598.	3.8	122
2	A Demand Response Implementation in Tertiary Buildings Through Model Predictive Control. IEEE Transactions on Industry Applications, 2019, 55, 7052-7061.	4.9	30
3	Design and Optimization of Polarization Splitting and Rotating Devices in Silicon-on-Insulator Technology. Advances in OptoElectronics, 2014, 2014, 1-16.	0.6	15
4	Power Hardware-in-the-Loop Test of a Low-Cost Synthetic Inertia Controller for Battery Energy Storage System. Energies, 2022, 15, 3016.	3.1	13
5	A Low-cost Controller to Enable Synthetic Inertia Response of Distributed Energy Resources. , 2020, , .		9
6	Latency and Simulation Stability in a Remote Power Hardware-in-the-Loop Cosimulation Testbed. IEEE Transactions on Industry Applications, 2021, 57, 3463-3473.	4.9	9
7	Predictive control of demand and storage for residential prosumers. , 2017, , .		8
8	First activities and power-hardware-in-the-loop tests at the public research laboratory LabZERO. , 2018, , .		8
9	Remote PHIL Distributed Co-Simulation Lab for TSO-DSO-Customer Coordination Studies. , 2020, , .		8
10	Modeling of the Interminiband Absorption Coefficient in InGaN Quantum Dot Superlattices. Photonics, 2016, 3, 5.	2.0	7
11	Connecting in Real-time Power System Labs: an Italian Test-case. , 2020, , .		6
12	Fast Frequency Regulation Support by LED Street Lighting Control. , 2021, , .		5
13	Optimal Dispatch of Distributed Resources in a TSO-DSO Coordination Framework. , 2020, , .		5
14	A Microgrid Architecture for Integrating EV Charging System and Public Street Lighting. , 2019, , .		4
15	Evaluation of the absorption spectrum in quantum dots for efficient solar cells. , 2014, , .		3
16	Optimization of residential storage and energy resources under demand response schemes. , 2018, , .		3
17	The energy router project: Enabling control for prosumers. , 2017, , .		2
18	Analysis and Simulation of Superlattice GaN/InGaN p-i-n Solar Cells. Springer Proceedings in Physics, 2014, , 99-105.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Design of optimized SOI slot waveguides for homogeneous optical sensing in near infrared. , 2011, , .		1
20	A computational approach of optical absorption in semiconductor quantum dot superlattices. , 2015, , .		1