

Riccardo Lazzari

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

209
citations

1937685

4
h-index

1720034

7
g-index

21
all docs

21
docs citations

21
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Sliding mode voltage control of boost converters in DC microgrids. Control Engineering Practice, 2018, 73, 161-170.	5.5	75
2	Design and Implementation of LVDC Hybrid Circuit Breaker. IEEE Transactions on Power Electronics, 2019, 34, 7369-7380.	7.9	40
3	Robust Passivity-Based Control of Boost Converters in DC Microgrids[†]. , 2019, , .		25
4	Selectivity and security of DC microgrid under line-to-ground fault. Electric Power Systems Research, 2018, 165, 238-249.	3.6	12
5	RSE's microgrid: A facility for research, development and testing of future distributed generation and microgrid technologies. , 2016, , .		11
6	Development of the control strategy for a direct current microgrid: A case study. , 2016, , .		9
7	Supervised control of hybrid AC-DC grids for power balance restoration. Electric Power Systems Research, 2021, 196, 107107.	3.6	5
8	Analysis and design of handling-oriented control strategies for semi-active suspensions. , 2009, , .		4
9	Influence of management and system configuration on performances and lifetime of lithium-ion batteries. , 2015, , .		4
10	Enabling a flexible exchange of energy of a photovoltaic plant with the grid by means of a controlled storage system. International Journal of Control, 2015, 88, 1353-1365.	1.9	4
11	Design of LVDC Bidirectional Hybrid Circuit Breaker. , 2021, , .		3
12	Energetic and economical analysis for a LVDC residential district. , 2018, , .		2
13	Identification and comparison of power and energy management capabilities of distributed energy resources. , 2018, , .		2
14	Harmony Search Algorithm Based Management of Distributed Energy Resources and Storage Systems in Microgrids. Applied Sciences (Switzerland), 2020, 10, 3252.	2.5	2
15	Control strategy and simulation of a photovoltaic generator including energy storage. , 2013, , .		1
16	Management of Inverter-based Distributed Energy Resources for Providing Voltage Regulation Support in Islanded Operation of Low Voltage Networks. , 2018, , .		1
17	Robust voltage regulation of boost converters in DC microgrids. , 2018, , .		1
18	Analysis and Design of the Protection Scheme for a LVDC Microgrid. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Optimal Hierarchical Control of DC Microgrids: modelling and experimental validation. IFAC-PapersOnLine, 2020, 53, 12992-12998.	0.9	1
20	The assessment of a micro-grid operation under optimal planning of Electric Energy Storage units: RSE's case study. , 2019, , .		0