

# Alessio La Bella

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

207  
citations

1307594

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h-index

1199594

12  
g-index

20  
all docs

20  
docs citations

20  
times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Predictive Control of Microgrids in Islanded Operation. IEEE Transactions on Automation Science and Engineering, 2017, 14, 536-546.	5.2	53
2	Hierarchical Control in Islanded DC Microgrids With Flexible Structures. IEEE Transactions on Control Systems Technology, 2021, 29, 2379-2392.	5.2	25
3	Supervised model predictive control of large-scale electricity networks via clustering methods. Optimal Control Applications and Methods, 2022, 43, 44-64.	2.1	17
4	Design of Aggregators for the Day-Ahead Management of Microgrids Providing Active and Reactive Power Services. IEEE Transactions on Control Systems Technology, 2020, 28, 2616-2624.	5.2	14
5	A mixed-integer distributed approach to prosumers aggregation for providing balancing services. International Journal of Electrical Power and Energy Systems, 2021, 133, 107228.	5.5	13
6	A Two-Layer Control Architecture for Islanded AC Microgrids with Storage Devices. , 2018, , .		11
7	Modelling and predictive control of a solar cooling plant with flexible configuration. Journal of Process Control, 2019, 76, 74-86.	3.3	11
8	Microgrids aggregation management providing ancillary services. , 2018, , .		9
9	A multi-layer control scheme for microgrid energy management. IFAC-PapersOnLine, 2016, 49, 256-261.	0.9	8
10	Two-layer model predictive control of systems with independent dynamics and shared control resources. IFAC-PapersOnLine, 2019, 52, 96-101.	0.9	8
11	Object based modelling of hybrid electrical vehicle and power management control. , 2015, , .		7
12	Secondary Control Strategies for DC Islanded Microgrids Operation. , 2019, , .		6
13	Supervised control of hybrid AC-DC grids for power balance restoration. Electric Power Systems Research, 2021, 196, 107107.	3.6	5
14	A Supervisory Control Structure for Voltage-Controlled Islanded DC Microgrids. , 2019, , .		4
15	A hierarchical approach for balancing service provision by microgrids aggregators. IFAC-PapersOnLine, 2020, 53, 12930-12935.	0.9	4
16	A fully distributed control scheme for power balancing in distribution networks. IFAC-PapersOnLine, 2020, 53, 13178-13183.	0.9	4
17	Set membership estimation of day-ahead microgrids scheduling. , 2019, , .		2
18	Optimization-Based Control of Microgrids for Ancillary Services Provision and Islanded Operation. SpringerBriefs in Applied Sciences and Technology, 2021, , 129-138.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Data-driven modelling and optimal management of district heating networks. , 2021, , .		2
20	Software-in-the-loop testing of a distributed optimal scheduling strategy for microgridsâ€™ aggregators. , 2020, , .		2