

Claudio Brivio

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

514
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	EIS2MOD: A DRT-Based Modeling Framework for Li-Ion Cells. IEEE Transactions on Industry Applications, 2022, 58, 1429-1439.	4.9	10
2	On the use of electrochemical impedance spectroscopy to characterize and model the aging phenomena of lithium-ion batteries: a critical review. Journal of Power Sources, 2021, 505, 229860.	7.8	114
3	Impact of V2G service provision on battery life. Journal of Energy Storage, 2021, 44, 103178.	8.1	17
4	Battery Energy Storage Systems in Microgrids: Modeling and Design Criteria. Energies, 2020, 13, 2006.	3.1	31
5	SoC management strategies in Battery Energy Storage System providing Primary Control Reserve. Sustainable Energy, Grids and Networks, 2019, 19, 100230.	3.9	15
6	A Physically-Based Electrical Model for Lithium-Ion Cells. IEEE Transactions on Energy Conversion, 2019, 34, 594-603.	5.2	28
7	Application-independent protocol for predicting the efficiency of lithium-ion battery cells in operations. Journal of Energy Storage, 2018, 15, 415-422.	8.1	12
8	A novel software package for the robust design of off-grid power systems. Journal of Cleaner Production, 2017, 166, 668-679.	9.3	29
9	Battery energy storage system for primary control reserve and energy arbitrage. Sustainable Energy, Grids and Networks, 2016, 6, 152-165.	3.9	111
10	Effect of load profile uncertainty on the optimum sizing of off-grid PV systems for rural electrification. Sustainable Energy Technologies and Assessments, 2016, 18, 34-47.	2.7	67
11	The role of electrical energy storage in sub-Saharan Africa. Journal of Energy Storage, 2016, 8, 287-299.	8.1	17
12	A sizing methodology based on Levelized Cost of Supplied and Lost Energy for off-grid rural electrification systems. Renewable Energy, 2016, 89, 475-488.	8.9	63