

Xavier Roboam

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

317
citations

1684188
5
h-index

1720034
7
g-index

9
all docs

9
docs citations

9
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Scale PHIL Emulation Concepts Applied to Power Conversion Systems With Battery Storage. IEEE Transactions on Industrial Electronics, 2021, 68, 3973-3981.	7.9	3
2	Multidisciplinary Design Optimization of the Actuation System of a Hybrid Electric Aircraft Powertrain. Electronics (Switzerland), 2021, 10, 1297.	3.1	7
3	Matrix Approach Based on Quadripole for Quality Analysis in Aircraft Electrical Power Distribution System. Lecture Notes in Electrical Engineering, 2020, , 229-244.	0.4	0
4	Scaling of wind energy conversion system for time-accelerated and size-scaled experiments. Mathematics and Computers in Simulation, 2019, 158, 65-78.	4.4	8
5	Techno-economical optimization of wind power production including lithium and/or hydrogen sizing in the context of the day ahead market in island grids. Mathematics and Computers in Simulation, 2019, 158, 162-178.	4.4	4
6	Optimal design of the Integrated Modular Power Electronics Cabinet. Aerospace Science and Technology, 2016, 48, 37-52.	4.8	13
7	Load allocation problem for optimal design of aircraft electrical power system. International Journal of Applied Electromagnetics and Mechanics, 2013, 43, 37-49.	0.6	11
8	More Electricity in the Air: Toward Optimized Electrical Networks Embedded in More-Electrical Aircraft. IEEE Industrial Electronics Magazine, 2012, 6, 6-17.	2.6	183
9	New trends and challenges of electrical networks embedded in “more electrical aircraft”. , 2011, , .		88