

Florent Xavier

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

193
citations

2258059

3
h-index

1872680

6
g-index

21
all docs

21
docs citations

21
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Observer-based tracking control for single machine infinite bus system via flatness theory. International Journal of Electrical and Computer Engineering, 2021, 11, 1186.	0.7	2
2	Advanced control to damp power oscillations with VSC-HVDC links inserted in meshed AC grids. International Transactions on Electrical Energy Systems, 2021, 31, .	1.9	1
3	Study of interactions between close HVDC links inserted in an AC grid: A mixed nonlinear and modal analysis approach. International Transactions on Electrical Energy Systems, 2020, 30, e12266.	1.9	3
4	Exhaustive Modal Analysis of Large-Scale Interconnected Power Systems With High Power Electronics Penetration. IEEE Transactions on Power Systems, 2020, 35, 2759-2768.	6.5	15
5	Robust H ∞ Decentralized Control Design for HVDC Link Embedded in a Large-scale AC Grid. , 2020, , .		1
6	Robust H ∞ Dynamic Output-feedback Control of Power Oscillation Damped via VSC-HVDC Transmission Systems. , 2020, , .		0
7	Exhaustive Modal Analysis of Interconnected European Power System. , 2020, , .		1
8	Model-based control addition to prescribe DFIG wind turbine fast frequency response. Wind Energy, 2019, 22, 1343-1355.	4.2	1
9	Analysis and Control of Non-Minimum Phase Behavior in Nonlinear AC Grids Equipped with HVDC Links. , 2019, , .		0
10	Clustering of Power System Oscillatory Modes Using DBSCAN Technique. , 2019, , .		3
11	Robust Research of Power Oscillations Damping Controller for HVDC Inserted in Meshed AC Grids. , 2019, , .		3
12	Input-Output Properties of the Power Grid's Swing Dynamics: Dependence on Network Parameters. , 2019, , .		2
13	The Migrate project: the challenges of operating a transmission grid with only inverter-based generation. A grid-forming control improvement with transient current-limiting control. IET Renewable Power Generation, 2018, 12, 523-529.	3.1	101
14	Applicability of Hilbert-Huang Transform in Analysis of AC Grids Containing Power Electronic Devices. , 2018, , .		0
15	Power Oscillations Damping Controller for HVDC Inserted in Meshed AC Grids. , 2018, , .		5
16	Towards an Open-Source Solution using Modelica for Time-Domain Simulation of Power Systems. , 2018, , .		20
17	Analysis of interactions between high voltage direct current lines based on time-delay margin. , 2017, , .		2
18	Input-Output Properties of the Swing Dynamics for Power Transmission Networks with HVDC Modulation * *This work was generously supported by RTE-France.. IFAC-PapersOnLine, 2017, 50, 5442-5447.	0.9	9

#	ARTICLE	IF	CITATIONS
19	Analysis of the interactions between close HVDC links inserted in an AC grid. , 2017, , .		8
20	Input-output characteristics of the power transmission network's swing dynamics. , 2016, , .		14
21	Analysis of a dynamic equivalent for representation of wind generation for modal analysis of large-scale power systems. , 2013, , .		2