

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 | 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 |
| 2 | Towards an Open-Source Solution using Modelica for Time-Domain Simulation of Power Systems. , 2018, , . | | 20 |
| 3 | 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 |
| 4 | Input-output characteristics of the power transmission network's swing dynamics. , 2016, , . | | 14 |
| 5 | 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 |
| 6 | Analysis of the interactions between close HVDC links inserted in an AC grid. , 2017, , . | | 8 |
| 7 | Power Oscillations Damping Controller for HVDC Inserted in Meshed AC Grids. , 2018, , . | | 5 |
| 8 | Clustering of Power System Oscillatory Modes Using DBSCAN Technique. , 2019, , . | | 3 |
| 9 | Robust Research of Power Oscillations Damping Controller for HVDC Inserted in Meshed AC Grids. , 2019, , . | | 3 |
| 10 | 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 |
| 11 | Analysis of a dynamic equivalent for representation of wind generation for modal analysis of large-scale power systems. , 2013, , . | | 2 |
| 12 | Analysis of interactions between high voltage direct current lines based on time-delay margin. , 2017, , . | | 2 |
| 13 | Input-Output Properties of the Power Grid's Swing Dynamics: Dependence on Network Parameters. , 2019, , . | | 2 |
| 14 | 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 |
| 15 | Model-based control addition to prescribe DFIG wind turbine fast frequency response. Wind Energy, 2019, 22, 1343-1355. | 4.2 | 1 |
| 16 | Robust H ∞ Decentralized Control Design for HVDC Link Embedded in a Large-scale AC Grid. , 2020, , . | | 1 |
| 17 | Exhaustive Modal Analysis of Interconnected European Power System. , 2020, , . | | 1 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Applicability of Hilbert-Huang Transform in Analysis of AC Grids Containing Power Electronic Devices. , 2018, , . | | 0 |
| 20 | Analysis and Control of Non-Minimum Phase Behavior in Nonlinear AC Grids Equipped with HVDC Links. , 2019, , . | | 0 |
| 21 | Robust H _∞ Dynamic Output-feedback Control of Power Oscillation Damped via VSC-HVDC Transmission Systems. , 2020, , . | | 0 |