

Julien Eynard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6229075/publications.pdf>

Version: 2024-02-01

25
papers

485
citations

759233

12
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

570
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Heating control schemes for energy management in buildings. Energy and Buildings, 2010, 42, 1908-1917. | 6.7 | 79 |
| 2 | Wavelet-based multi-resolution analysis and artificial neural networks for forecasting temperature and thermal power consumption. Engineering Applications of Artificial Intelligence, 2011, 24, 501-516. | 8.1 | 66 |
| 3 | A survey of modelling and smart management tools for power grids with prolific distributed generation. Sustainable Energy, Grids and Networks, 2020, 21, 100284. | 3.9 | 55 |
| 4 | Predictive control of multizone heating, ventilation and air-conditioning systems in non-residential buildings. Applied Soft Computing Journal, 2015, 37, 847-862. | 7.2 | 54 |
| 5 | Hybrid PID-fuzzy control scheme for managing energy resources in buildings. Applied Soft Computing Journal, 2011, 11, 5068-5080. | 7.2 | 41 |
| 6 | Low computational cost technique for predictive management of thermal comfort in non-residential buildings. Journal of Process Control, 2014, 24, 750-762. | 3.3 | 23 |
| 7 | A new approach to energy resources management in a grid-connected building equipped with energy production and storage systems: A case study in the south of France. Energy and Buildings, 2015, 99, 9-31. | 6.7 | 22 |
| 8 | A Comparative Study of Machine Learning-Based Methods for Global Horizontal Irradiance Forecasting. Energies, 2021, 14, 3192. | 3.1 | 22 |
| 9 | Towards the intrahour forecasting of direct normal irradiance using sky-imaging data. Heliyon, 2018, 4, e00598. | 3.2 | 18 |
| 10 | Predictive control and thermal energy storage for optimizing a multi-energy district boiler. Journal of Process Control, 2012, 22, 1246-1255. | 3.3 | 16 |
| 11 | A new strategy based on power demand forecasting to the management of multi-energy district boilers equipped with hot water tanks. Applied Thermal Engineering, 2017, 113, 1366-1380. | 6.0 | 16 |
| 12 | A new approach to the real-time assessment and intraday forecasting of clear-sky direct normal irradiance. Solar Energy, 2018, 167, 35-51. | 6.1 | 13 |
| 13 | Modular approach for modeling a multi-energy district boiler. Applied Mathematical Modelling, 2011, 35, 3926-3957. | 4.2 | 9 |
| 14 | Clear-sky Irradiance Model for Real-time Sky Imager Application. Energy Procedia, 2015, 69, 1999-2008. | 1.8 | 9 |
| 15 | A rule-based strategy to the predictive management of a grid-connected residential building in southern France. Sustainable Cities and Society, 2017, 30, 18-36. | 10.4 | 9 |
| 16 | Multi-Horizon Forecasting of Global Horizontal Irradiance Using Online Gaussian Process Regression: A Kernel Study. Energies, 2020, 13, 4184. | 3.1 | 9 |
| 17 | Predictive Control of Multizone HVAC Systems in Non-residential Buildings. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 12080-12085. | 0.4 | 8 |
| 18 | Missing data estimation for energy resources management in tertiary buildings. , 2012, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Sequential management of optimally-designed thermal storage tanks for multi-energy district boilers. Applied Thermal Engineering, 2014, 73, 253-266. | 6.0 | 4 |
| 20 | Predictive Control and Optimal Design of Thermal Storage Systems for Multi-energy District Boilers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10305-10310. | 0.4 | 3 |
| 21 | Optimal control of a multi-energy district boiler: a case study. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 8271-8276. | 0.4 | 2 |
| 22 | Innovative Application of Model-Based Predictive Control for Low-Voltage Power Distribution Grids with Significant Distributed Generation. Energies, 2021, 14, 1773. | 3.1 | 1 |
| 23 | Resilient Predictive Control Coupled with a Worst-Case Scenario Approach for a Distributed-Generation-Rich Power Distribution Grid. Clean Technologies, 2021, 3, 629-655. | 4.2 | 1 |
| 24 | Fuzzy logic as a useful tool for managing resources in multi-energy buildings. , 2011,, . | | 1 |
| 25 | Travaux pratiques sur la gestion Énergétique optimale d'un bâtiment EnR. J3eA, 2009, 8, 1006. | 0.0 | 0 |