

Julien Eynard

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

485
citations

758635

12
h-index

676716

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. <i>Energy and Buildings</i> , 2010, 42, 1908-1917.	3.1	79
2	Wavelet-based multi-resolution analysis and artificial neural networks for forecasting temperature and thermal power consumption. <i>Engineering Applications of Artificial Intelligence</i> , 2011, 24, 501-516.	4.3	66
3	A survey of modelling and smart management tools for power grids with prolific distributed generation. <i>Sustainable Energy, Grids and Networks</i> , 2020, 21, 100284.	2.3	55
4	Predictive control of multizone heating, ventilation and air-conditioning systems in non-residential buildings. <i>Applied Soft Computing Journal</i> , 2015, 37, 847-862.	4.1	54
5	Hybrid PID-fuzzy control scheme for managing energy resources in buildings. <i>Applied Soft Computing Journal</i> , 2011, 11, 5068-5080.	4.1	41
6	Low computational cost technique for predictive management of thermal comfort in non-residential buildings. <i>Journal of Process Control</i> , 2014, 24, 750-762.	1.7	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. <i>Energy and Buildings</i> , 2015, 99, 9-31.	3.1	22
8	A Comparative Study of Machine Learning-Based Methods for Global Horizontal Irradiance Forecasting. <i>Energies</i> , 2021, 14, 3192.	1.6	22
9	Towards the intrahour forecasting of direct normal irradiance using sky-imaging data. <i>Heliyon</i> , 2018, 4, e00598.	1.4	18
10	Predictive control and thermal energy storage for optimizing a multi-energy district boiler. <i>Journal of Process Control</i> , 2012, 22, 1246-1255.	1.7	16
11	A new strategy based on power demand forecasting to the management of multi-energy district boilers equipped with hot water tanks. <i>Applied Thermal Engineering</i> , 2017, 113, 1366-1380.	3.0	16
12	A new approach to the real-time assessment and intraday forecasting of clear-sky direct normal irradiance. <i>Solar Energy</i> , 2018, 167, 35-51.	2.9	13
13	Modular approach for modeling a multi-energy district boiler. <i>Applied Mathematical Modelling</i> , 2011, 35, 3926-3957.	2.2	9
14	Clear-sky Irradiance Model for Real-time Sky Imager Application. <i>Energy Procedia</i> , 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. <i>Sustainable Cities and Society</i> , 2017, 30, 18-36.	5.1	9
16	Multi-Horizon Forecasting of Global Horizontal Irradiance Using Online Gaussian Process Regression: A Kernel Study. <i>Energies</i> , 2020, 13, 4184.	1.6	9
17	Predictive Control of Multizone HVAC Systems in Non-residential Buildings. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 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.	3.0	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.	1.6	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.	1.9	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