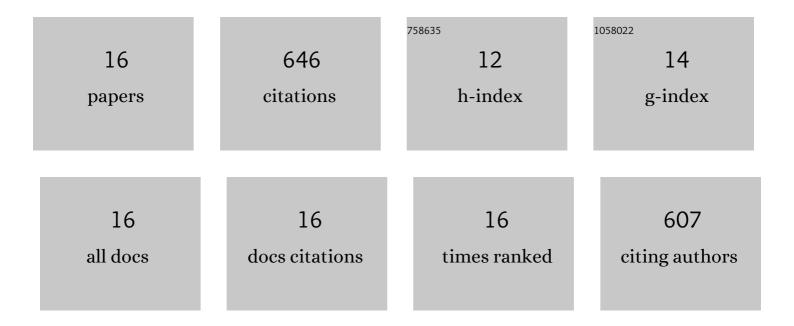
Fabiano Pallonetto

List of Publications by Year in descending order

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FARIANO PALLONETTO

#	Article	IF	CITATIONS
1	Demand response algorithms for smart-grid ready residential buildings using machine learning models. Applied Energy, 2019, 239, 1265-1282.	5.1	130
2	The effect of time-of-use tariffs on the demand response flexibility of an all-electric smart-grid-ready dwelling. Energy and Buildings, 2016, 128, 56-67.	3.1	96
3	On the assessment and control optimisation of demand response programs in residential buildings. Renewable and Sustainable Energy Reviews, 2020, 127, 109861.	8.2	90
4	A Genetic Algorithm for a Green Vehicle Routing Problem. Electronic Notes in Discrete Mathematics, 2018, 64, 65-74.	0.4	71
5	A fundamental unified framework to quantify and characterise energy flexibility of residential buildings with multiple electrical and thermal energy systems. Applied Energy, 2021, 282, 116096.	5.1	49
6	Forecast electricity demand in commercial building with machine learning models to enable demand response programs. Energy and AI, 2022, 7, 100121.	5.8	44
7	Diversification, concentration and renewability of the energy supply in the European Union. Energy, 2022, 253, 124097.	4.5	40
8	Definition of a useful minimal-set of accurately-specified input data for Building Energy Performance Simulation. Energy and Buildings, 2018, 165, 172-183.	3.1	34
9	SimApi, a smartgrid co-simulation software platform for benchmarking building control algorithms. SoftwareX, 2019, 9, 271-281.	1.2	21
10	Impact of intelligent control algorithms on demand response flexibility and thermal comfort in a smart grid ready residential building. Smart Energy, 2021, 2, 100017.	2.6	16
11	A Framework for Analysis and Expansion of Public Charging Infrastructure under Fast Penetration of Electric Vehicles. World Electric Vehicle Journal, 2020, 11, 18.	1.6	14
12	An ensemble learning-based framework for assessing the energy flexibility of residential buildings with multicomponent energy systems. Applied Energy, 2022, 315, 118947.	5.1	12
13	Spine Toolbox: A flexible open-source workflow management system with scenario and data management. SoftwareX, 2022, 17, 100967.	1.2	11
14	Environmental and economic benefits of building retrofit measures for the residential sector by utilizing sensor data and advanced calibrated models. Advances in Building Energy Research, 2022, 16, 89-117.	1.1	10
15	A restful API to control a energy plus smart grid-ready residential building. , 2014, , .		6
16	Self-Learning Control Algorithms for Energy Systems Integration in the Residential Building Sector. , 2019, , .		2