Domenico Palladino

List of Publications by Year
in descending order

15 papers	**215** citations	1163117 **8** h-index	996975 **15** g-index
15 all docs	**15** docs citations	**15** times ranked	**257** citing authors

#	Article	IF	Citations
1	Evaluation of Green Buildings' Overall Performance through in Situ Monitoring and Simulations. Energies, 2013, 6, 6525-6547.	3.1	45
2	Prediction Of Indoor Conditions And Thermal Comfort Using CFD Simulations: A Case Study Based On Experimental Data. Energy Procedia, 2017, 126, 115-122.	1.8	38
3	Development and optimization of a new ventilated brick wall: CFD analysis and experimental validation. Energy and Buildings, 2018, 168, 284-297.	6.7	29
4	Building Behavior Simulation by Means of Artificial Neural Network in Summer Conditions. Sustainability, 2014, 6, 5339-5353.	3.2	19
5	Artificial Neural Network for the Thermal Comfort Index Prediction: Development of a New Simplified Algorithm. Energies, 2020, 13, 4500.	3.1	17
6	Comparison of the Energy Performance of Existing Buildings by Means of Dynamic Simulations and Artificial Neural Networks. Energy Procedia, 2016, 101, 176-183.	1.8	16
7	Mean Age of Air in Natural Ventilated Buildings: Experimental Evaluation and CO_2 Prediction by Artificial Neural Networks. Applied Sciences (Switzerland), 2020, 10, 1730.	2.5	16
8	Energy Performance Database of Building Heritage in the Region of Umbria, Central Italy. Energies, 2015, 8, 7261-7278.	3.1	15
9	Durum-Wheat Straw Bales for Thermal Insulation of Buildings: Findings from a Comparative Energy Analysis of a Set of Wall-Composition Samples on the Building Scale. Energies, 2021, 14, 5508.	3.1	4
10	Energy and Environmental Effects of Human Habits in Residential Buildings Due to COVID-19 Outbreak Scenarios in a Dwelling near Rome. Energies, 2021, 14, 7408.	3.1	4
11	Thermal Behaviour and Energy Saving Evaluation of Innovative Reinforced Coatings. Energy Procedia, 2015, 82, 480-485.	1.8	3
12	Application of hourly dynamic method for nZEB buildings in Italian context: analysis and comparisons in national calculation procedure framework. E3S Web of Conferences, 2021, 312, 02006.	0.5	3
13	Approaching the validation of building energy models: billing vs indoor environmental data. E3S Web of Conferences, 2020, 197, 02001.	0.5	3
14	Tool for supporting local energy strategies: forecasting energy plans with Artificial Neural Network in Umbria Region. E3S Web of Conferences, 2021, 312, 02016.	0.5	2
15	How pandemic affects occupants' buildings perception: questionnaires investigation and preliminary results. E3S Web of Conferences, 2021, 312, 02011.	0.5	1