Fabio Nardecchia

List of Publications by Year
in descending order

27 papers	414 citations	11 h-index (840585)	19 g-index (794469)
27 all docs	27 docs citations	27 times ranked	416 citing authors

#	Article	IF	Citations
1	Transforming a Historic Public Office Building in the Centre of Rome into nZEB: Limits and Potentials. Energies, 2022, 15, 697.	1.6	15
2	Environmental parameters assessment of a new diffuser for air cooling/heating system: Measurements and numerical validation. Building Simulation, 2022, 15, 1111-1132.	3.0	11
3	A new concept for a mini ducted wind turbine system. Renewable Energy, 2021, 175, 610-624.	4.3	18
4	The impact of humidity on vortex creation around isolated buildings. Building Research and Information, 2020, 48, 551-571.	2.0	3
5	Increasing energy production of a ducted wind turbine system. Wind Engineering, 2020, 44, 560-576.	1.1	10
6	Thermodynamic and Thermoeconomic analysis of a parabolic trough Concentrated Solar Power plant with Energy Storage System. , 2020, , .		3
7	Indoor Environmental Quality Analysis for Optimizing Energy Consumptions Varying Air Ventilation Rates. Sustainability, 2020, 12, 482.	1.6	25
8	Towards the development of a smart district: The application of an holistic planning approach. Sustainable Cities and Society, 2019, 48, 101570.	5.1	18
9	A Life Loss Tool for an Optimal Management in the Operation of Insulated LV Power Cables. IEEE Transactions on Industry Applications, 2019, 55, 167-173.	3.3	8
10	CFD Analysis of Urban Canopy Flows Employing the V2F Model: Impact of Different Aspect Ratios and Relative Heights. Advances in Meteorology, 2018, 2018, 1-16.	0.6	10
11	Sapienza smart campus: From the matrix approach to the applicative analysis of an optimized garbage collection system. , 2017, , .		3
12	CFD analysis of onshore oil pipelines in permafrost. AIP Conference Proceedings, 2017, , .	0.3	1
13	A quantitative evaluation of the mutual influences among Smart strategies applied at district level. , 2017, , .		2
14	Computational Fluid Dynamic Modelling of Thermal Periodic Stabilized Regime in Passive Buildings. Sustainability, 2016, 8, 1172.	1.6	1
15	Study for optimizing the daylight â€œfilterâ€ in a pre-tunnel structure. , 2016, , .		10
16	How temperature affects the airflow around a single-block isolated building. Energy and Buildings, 2016, 118, 142-151.	3.1	23
17	CFD analysis for the validation of archaeological hypotheses â€" The indoor microclimate of ancient storage-rooms. Journal of Archaeological Science, 2016, 73, 107-119.	1.2	6
18	An alternative tool for the energy evaluation and the management of thermal networks: The exergy analysis. , 2016, , .		5

#	Article	IF	Citations
19	How thermal conductivity of excavation materials affects the behavior of underground power cables. Applied Thermal Engineering, 2016, 100, 528-537.	3.0	30
20	Evaluation of Different Urban Microclimate Mitigation Strategies through a PMV Analysis. Sustainability, 2015, 7, 9012-9030.	1.6	65
21	Methodological Approach to the Energy Analysis of Unconstrained Historical Buildings. Sustainability, 2015, 7, 10428-10444.	1.6	30
22	Maintenance and Energy Optimization of Lighting Systems for the Improvement of Historic Buildings: A Case Study. Sustainability, 2015, 7, 10770-10788.	1.6	32
23	Case Study on Economic Return on Investments for Safety and Emergency Lighting in Road Tunnels. Sustainability, 2015, 7, 9809-9822.	1.6	11
24	A Method to Evaluate the Stimulation of a Real World Field of View by Means of a Spectroradiometric Analysis. Sustainability, 2015, 7, 14964-14981.	1.6	8
25	Underground electric cables a correct evaluation of the soil thermal resistance. Applied Thermal Engineering, 2015, 78, 268-277.	3.0	52
26	Home smart grid device for energy saves and failure monitoring. , 2015, , .		12
27	Comparison Between Two Energy Dynamic Tools : the Impact of Two Different Calculation Procedures on the Achievement of nZEBs Requirements. , 0, , .		2