

# Fabio Nardecchia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3105304/publications.pdf>

Version: 2024-02-01

27  
papers

414  
citations

840585

11  
h-index

794469

19  
g-index

27  
all docs

27  
docs citations

27  
times ranked

416  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Different Urban Microclimate Mitigation Strategies through a PMV Analysis. Sustainability, 2015, 7, 9012-9030.	1.6	65
2	Underground electric cables a correct evaluation of the soil thermal resistance. Applied Thermal Engineering, 2015, 78, 268-277.	3.0	52
3	Maintenance and Energy Optimization of Lighting Systems for the Improvement of Historic Buildings: A Case Study. Sustainability, 2015, 7, 10770-10788.	1.6	32
4	Methodological Approach to the Energy Analysis of Unconstrained Historical Buildings. Sustainability, 2015, 7, 10428-10444.	1.6	30
5	How thermal conductivity of excavation materials affects the behavior of underground power cables. Applied Thermal Engineering, 2016, 100, 528-537.	3.0	30
6	Indoor Environmental Quality Analysis for Optimizing Energy Consumptions Varying Air Ventilation Rates. Sustainability, 2020, 12, 482.	1.6	25
7	How temperature affects the airflow around a single-block isolated building. Energy and Buildings, 2016, 118, 142-151.	3.1	23
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 new concept for a mini ducted wind turbine system. Renewable Energy, 2021, 175, 610-624.	4.3	18
10	Transforming a Historic Public Office Building in the Centre of Rome into nZEB: Limits and Potentials. Energies, 2022, 15, 697.	1.6	15
11	Home smart grid device for energy saves and failure monitoring. , 2015, , .		12
12	Case Study on Economic Return on Investments for Safety and Emergency Lighting in Road Tunnels. Sustainability, 2015, 7, 9809-9822.	1.6	11
13	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
14	Study for optimizing the daylight "filter" in a pre-tunnel structure. , 2016, , .		10
15	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
16	Increasing energy production of a ducted wind turbine system. Wind Engineering, 2020, 44, 560-576.	1.1	10
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	CFD analysis for the validation of archaeological hypotheses “ The indoor microclimate of ancient storage-rooms. Journal of Archaeological Science, 2016, 73, 107-119.	1.2	6
20	An alternative tool for the energy evaluation and the management of thermal networks: The exergy analysis. , 2016, , .		5
21	Sapienza smart campus: From the matrix approach to the applicative analysis of an optimized garbage collection system. , 2017, , .		3
22	The impact of humidity on vortex creation around isolated buildings. Building Research and Information, 2020, 48, 551-571.	2.0	3
23	Thermodynamic and Thermo-economic analysis of a parabolic trough Concentrated Solar Power plant with Energy Storage System. , 2020, , .		3
24	A quantitative evaluation of the mutual influences among Smart strategies applied at district level. , 2017, , .		2
25	Comparison Between Two Energy Dynamic Tools : the Impact of Two Different Calculation Procedures on the Achievement of nZEBs Requirements. , 0, , .		2
26	Computational Fluid Dynamic Modelling of Thermal Periodic Stabilized Regime in Passive Buildings. Sustainability, 2016, 8, 1172.	1.6	1
27	CFD analysis of onshore oil pipelines in permafrost. AIP Conference Proceedings, 2017, , .	0.3	1