Serena Falasca

List of Publications by Year
in descending order

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16	458	759055 12	940416 16
papers	citations	h-index	g-index

16	16	16	472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estimating building cooling energy demand through the Cooling Degree Hours in a changing climate: A modeling study. Sustainable Cities and Society, 2022, 76, 103518.	5.1	28
2	On the mitigation potential of higher urban albedo in a temperate oceanic metropolis. Sustainable Cities and Society, 2022, 81, 103850.	5.1	7
3	On the association between high outdoor thermo-hygrometric comfort index and severe ground-level ozone: A first investigation. Environmental Research, 2021, 195, 110306.	3.7	8
4	Sensitivity of near-surface meteorology to PBL schemes in WRF simulations in a port-industrial area with complex terrain. Atmospheric Research, 2021, 264, 105824.	1.8	15
5	Outdoor thermal perception and comfort conditions in the KÃ¶ppen-Geiger climate category BSk. One-year field survey and measurement campaign in Konya, Turkey. Science of the Total Environment, 2020, 738, 140295.	3.9	16
6	Sensitivity of heating performance of an energy self-sufficient building to climate zone, climate change and HVAC system solutions. Sustainable Cities and Society, 2020, 61, 102300.	5.1	26
7	Energy demands of buildings in the framework of climate change: An investigation across Europe. Sustainable Cities and Society, 2020, 60, 102213.	5.1	94
8	High albedo materials to counteract heat waves in cities: An assessment of meteorology, buildings energy needs and pedestrian thermal comfort. Building and Environment, 2019, 163, 106242.	3.0	86
9	Defining ecological regions in Italy based on a multivariate clustering approach: A first step towards a targeted vector borne disease surveillance. PLoS ONE, 2019, 14, e0219072.	1.1	21
10	Resilience of a Building to Future Climate Conditions in Three European Cities. Energies, 2019, 12, 4506.	1.6	15
11	Influence of Input Climatic Data on Simulations of Annual Energy Needs of a Building: EnergyPlus and WRF Modeling for a Case Study in Rome (Italy). Energies, 2018, 11, 2835.	1.6	53
12	Impact of Highly Reflective Materials on Meteorology, PM10 and Ozone in Urban Areas: A Modeling Study with WRF-CHIMERE at High Resolution over Milan (Italy). Urban Science, 2018, 2, 18.	1.1	16
13	High-resolution air quality modeling: Sensitivity tests to horizontal resolution and urban canopy with WRF-CHIMERE. Atmospheric Environment, 2018, 187, 241-254.	1.9	29
14	Numerical Study of the Daytime Planetary Boundary Layer over an Idealized Urban Area: Influence of Surface Properties, Anthropogenic Heat Flux, and Geostrophic Wind Intensity. Journal of Applied Meteorology and Climatology, 2016, 55, 1021-1039.	0.6	18
15	Laboratory simulations of an urban heat island in a stratified atmospheric boundary layer. Journal of Visualization, 2013, 16, 39-45.	1.1	14
16	Numerical and Experimental Simulations of Local Winds. NATO Science for Peace and Security Series C: Environmental Security, 2012, , 199-218.	0.1	12