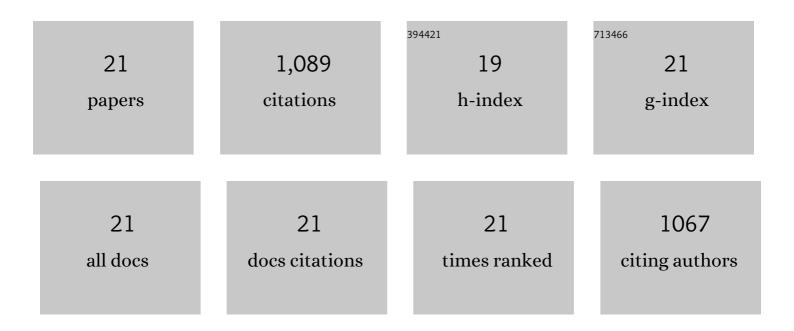
Elena Morini

List of Publications by Year in descending order

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FLENA MODINI

#	Article	IF	CITATIONS
1	Retroreflective façades for urban heat island mitigation: Experimental investigation and energy evaluations. Applied Energy, 2015, 145, 8-20.	10.1	152
2	Experimental evaluation of urban heat island mitigation potential of retro-reflective pavement in urban canyons. Energy and Buildings, 2016, 126, 340-352.	6.7	92
3	The Impact of Albedo Increase to Mitigate the Urban Heat Island in Terni (Italy) Using the WRF Model. Sustainability, 2016, 8, 999.	3.2	89
4	Evaluation of albedo enhancement to mitigate impacts of urban heat island in Rome (Italy) using WRF meteorological model. Urban Climate, 2018, 24, 551-566.	5.7	87
5	Flue gas treatment by power-to-gas integration for methane and ammonia synthesis – Energy and environmental analysis. Energy Conversion and Management, 2018, 171, 626-634.	9.2	67
6	Clathrate Hydrates for Thermal Energy Storage in Buildings: Overview of Proper Hydrate-Forming Compounds. Sustainability, 2014, 6, 6815-6829.	3.2	63
7	Integrated improvement of occupants' comfort in urban areas during outdoor events. Building and Environment, 2015, 93, 285-292.	6.9	55
8	Optic-energy performance improvement of exterior paints for buildings. Energy and Buildings, 2017, 139, 690-701.	6.7	51
9	Experimental Investigation on CO2 Methanation Process for Solar Energy Storage Compared to CO2-Based Methanol Synthesis. Energies, 2017, 10, 855.	3.1	49
10	An energy-balanced analytic model for urban heat canyons: comparison with experimental data. Advances in Building Energy Research, 2013, 7, 222-234.	2.3	47
11	Development and characterization of retro-reflective colored tiles for advanced building skins. Energy and Buildings, 2017, 154, 513-522.	6.7	47
12	Experimental Analysis of the Effect of Geometry and Façade Materials on Urban District's Equivalent Albedo. Sustainability, 2017, 9, 1245.	3.2	44
13	Small-Scale Compressed Air Energy Storage Application for Renewable Energy Integration in a Listed Building. Energies, 2018, 11, 1921.	3.1	44
14	Experimental investigations on scaled-up methane hydrate production with surfactant promotion: Energy considerations. Journal of Petroleum Science and Engineering, 2014, 120, 187-193.	4.2	40
15	Comparative Analysis of Monitoring Devices for Particulate Content in Exhaust Gases. Sustainability, 2014, 6, 4287-4307.	3.2	36
16	Planning for cooler urban canyons: Comparative analysis of the influence of façades reflective properties on urban canyon thermal behavior. Solar Energy, 2018, 162, 14-27.	6.1	32
17	Effects of aging on retro-reflective materials for building applications. Energy and Buildings, 2018, 179, 121-132.	6.7	30
18	Optimized retro-reflective tiles for exterior building element. Sustainable Cities and Society, 2018, 37, 146-153.	10.4	25

Elena Morini

#	Article	IF	CITATIONS
19	Experimental investigation and energy considerations on hydrate-based biogas upgrading with CO 2 valorization. Biomass and Bioenergy, 2017, 105, 364-372.	5.7	23
20	Experimental assessment of the combined effect of retroreflective façades and pavement in urban canyons. IOP Conference Series: Materials Science and Engineering, 2019, 609, 072004.	0.6	11
21	An Innovative Configuration for CO2 Capture by High Temperature Fuel Cells. Sustainability, 2014, 6, 6687-6695.	3.2	5