

Elena Morini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8062091/publications.pdf>

Version: 2024-02-01

21
papers

1,089
citations

394421

19
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Optimized retro-reflective tiles for exterior building element. Sustainable Cities and Society, 2018, 37, 146-153.	10.4	25
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	Effects of aging on retro-reflective materials for building applications. Energy and Buildings, 2018, 179, 121-132.	6.7	30
6	Small-Scale Compressed Air Energy Storage Application for Renewable Energy Integration in a Listed Building. Energies, 2018, 11, 1921.	3.1	44
7	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
8	Optic-energy performance improvement of exterior paints for buildings. Energy and Buildings, 2017, 139, 690-701.	6.7	51
9	Development and characterization of retro-reflective colored tiles for advanced building skins. Energy and Buildings, 2017, 154, 513-522.	6.7	47
10	Experimental investigation and energy considerations on hydrate-based biogas upgrading with CO ₂ valorization. Biomass and Bioenergy, 2017, 105, 364-372.	5.7	23
11	Experimental Investigation on CO ₂ Methanation Process for Solar Energy Storage Compared to CO ₂ -Based Methanol Synthesis. Energies, 2017, 10, 855.	3.1	49
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	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
14	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
15	Integrated improvement of occupants' comfort in urban areas during outdoor events. Building and Environment, 2015, 93, 285-292.	6.9	55
16	Retroreflective façades for urban heat island mitigation: Experimental investigation and energy evaluations. Applied Energy, 2015, 145, 8-20.	10.1	152
17	Clathrate Hydrates for Thermal Energy Storage in Buildings: Overview of Proper Hydrate-Forming Compounds. Sustainability, 2014, 6, 6815-6829.	3.2	63
18	Comparative Analysis of Monitoring Devices for Particulate Content in Exhaust Gases. Sustainability, 2014, 6, 4287-4307.	3.2	36

#	ARTICLE	IF	CITATIONS
19	An Innovative Configuration for CO2 Capture by High Temperature Fuel Cells. Sustainability, 2014, 6, 6687-6695.	3.2	5
20	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
21	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