

Nuno M Mateus

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

407
citations

933264

10
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of EnergyPlus thermal simulation of a double skin naturally and mechanically ventilated test cell. Energy and Buildings, 2014, 75, 511-522.	3.1	135
2	Measured and modeled performance of internal mass as a thermal energy battery for energy flexible residential buildings. Applied Energy, 2019, 239, 252-267.	5.1	43
3	Validation of a lumped RC model for thermal simulation of a double skin natural and mechanical ventilated test cell. Energy and Buildings, 2016, 121, 92-103.	3.1	39
4	Simulated and measured performance of displacement ventilation systems in large rooms. Building and Environment, 2017, 114, 470-482.	3.0	37
5	A validated three-node model for displacement ventilation. Building and Environment, 2015, 84, 50-59.	3.0	36
6	Full-scale measurement and validated simulation of cooling load reduction due to nighttime natural ventilation of a large atrium. Energy and Buildings, 2020, 224, 110233.	3.1	35
7	Comparison of measured and simulated performance of natural displacement ventilation systems for classrooms. Energy and Buildings, 2016, 133, 185-196.	3.1	22
8	The effect of typical buoyant flow elements and heat load combinations on room air temperature profile with displacement ventilation. Building and Environment, 2016, 108, 207-219.	3.0	22
9	Simplified modeling of displacement ventilation systems with chilled ceilings. Energy and Buildings, 2015, 108, 44-54.	3.1	20
10	Next-generation energy performance certificates: End-user needs and expectations. Energy Policy, 2022, 161, 112723.	4.2	18