

Luyang Kang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7428401/publications.pdf>

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8
papers

247
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation and wind tunnel test for redistribution of snow on a flat roof. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 153, 92-105.	3.9	71
2	CFD simulation of snow redistribution on gable roofs: Impact of roof slope. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 185, 16-32.	3.9	42
3	CFD simulation of snow transport over flat, uniformly rough, open terrain: Impact of physical and computational parameters. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 177, 213-226.	3.9	41
4	Wind tunnel test of snow redistribution on flat roofs. Cold Regions Science and Technology, 2016, 127, 49-56.	3.5	40
5	Large eddy simulation of the effect of unstable thermal stratification on airflow and pollutant dispersion around a rectangular building. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 211, 104526.	3.9	22
6	RANS CFD simulations can be successfully used for simulating snowdrift on roofs in a long period of snowstorm. Building Simulation, 2020, 13, 1157-1163.	5.6	12
7	CFD simulation of snow redistribution on a bridge deck: Effect of barriers with different porosities. Cold Regions Science and Technology, 2021, 181, 103174.	3.5	11
8	A novel snow transport model for analytically investigating effects of wind exposure on flat roof snow load due to saltation. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 210, 104505.	3.9	8