

Guoyi Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

186
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD simulations of gas dispersion around high-rise building in non-isothermal boundary layer. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2011, 99, 279-288.	3.9	79
2	Large-eddy simulation of flow and pollutant dispersion in a 3D urban street model located in an unstable boundary layer. <i>Building and Environment</i> , 2018, 142, 47-57.	6.9	45
3	Effects of Ground Heating on Ventilation and Pollutant Transport in Three-Dimensional Urban Street Canyons with Unit Aspect Ratio. <i>Atmosphere</i> , 2019, 10, 286.	2.3	20
4	Inflow turbulence generation for large eddy simulation in non-isothermal boundary layers. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2012, 104-106, 369-378.	3.9	16
5	Side ratio effects on flow and pollutant dispersion around an isolated high-rise building in a turbulent boundary layer. <i>Building and Environment</i> , 2020, 180, 107078.	6.9	15
6	Transport Characteristics and Transmission Risk of Virus-Containing Droplets from Coughing in Outdoor Windy Environment. <i>Toxics</i> , 2022, 10, 294.	3.7	6
7	Numerical Simulations of Air Flow and Traffic-Related Air Pollution Distribution in a Real Urban Area. <i>Energies</i> , 2022, 15, 840.	3.1	3
8	Coughing Intensity and Wind Direction Effects on the Transmission of Respiratory Droplets: A Computation with Euler-Lagrange Method. <i>Atmosphere</i> , 2022, 13, 594.	2.3	2