

Jae-Jin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

377
citations

1163117

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16
all docs

16
docs citations

16
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	A Laboratory Model of Urban Street-Canyon Flows. <i>Journal of Applied Meteorology and Climatology</i> , 2000, 39, 1592-1600.	1.7	116
2	A CFD Model for Simulating Urban Flow and Dispersion. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 1636-1648.	1.7	81
3	Computational fluid dynamics simulation of tree effects on pedestrian wind comfort in an urban area. <i>Sustainable Cities and Society</i> , 2020, 56, 102086.	10.4	51
4	Development of a computational fluid dynamics model with tree drag parameterizations: Application to pedestrian wind comfort in an urban area. <i>Building and Environment</i> , 2017, 124, 209-218.	6.9	32
5	Effects of building's roof cooling on the flow and dispersion of reactive pollutants in an idealized urban street canyon. <i>Building and Environment</i> , 2016, 109, 175-189.	6.9	25
6	Flow Characteristics Around Step-Up Street Canyons with Various Building Aspect Ratios. <i>Boundary-Layer Meteorology</i> , 2020, 174, 411-431.	2.3	21
7	Computational fluid dynamics simulation of reactive fine particulate matter in a street canyon. <i>Atmospheric Environment</i> , 2019, 209, 54-66.	4.1	13
8	Characteristics of LDAPS-Predicted Surface Wind Speed and Temperature at Automated Weather Stations with Different Surrounding Land Cover and Topography in Korea. <i>Atmosphere</i> , 2020, 11, 1224.	2.3	11
9	Development of a Building-Scale Meteorological Prediction System Including a Realistic Surface Heating. <i>Atmosphere</i> , 2020, 11, 67.	2.3	9
10	Effect of Wet Deposition on Secondary Inorganic Aerosols Using an Urban-Scale Air Quality Model. <i>Atmosphere</i> , 2021, 12, 168.	2.3	6
11	Robust Spatiotemporal Estimation of PM Concentrations Using Boosting-Based Ensemble Models. <i>Sustainability</i> , 2021, 13, 13782.	3.2	5
12	Effects of wind fences on the wind environment around Jang Bogo Antarctic Research Station. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1404-1414.	4.3	2
13	A Study on the Characteristics of Flow and Reactive Pollutants' Dispersion in Step-up Street Canyons Using a CFD Model. <i>Atmosphere</i> , 2015, 25, 473-482.	0.3	2
14	Effects of Fences and Green Zones on the Air Flow and PM2.5 Concentration around a School in a Building-Congested District. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9216.	2.5	1
15	Evaluation of the Wind Environment around Multiple Urban Canyons Using Numerical Modeling. <i>Atmosphere</i> , 2022, 13, 834.	2.3	1