

Peng-Yi Cui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1720177/publications.pdf>

Version: 2024-02-01

10
papers

280
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Wind-tunnel measurements for thermal effects on the air flow and pollutant dispersion through different scale urban areas. <i>Building and Environment</i> , 2016, 97, 137-151.	6.9	82
2	Buoyancy flows and pollutant dispersion through different scale urban areas: CFD simulations and wind-tunnel measurements. <i>Building and Environment</i> , 2016, 104, 76-91.	6.9	56
3	Impacts of tree-planting pattern and trunk height on the airflow and pollutant dispersion inside a street canyon. <i>Building and Environment</i> , 2019, 165, 106385.	6.9	53
4	Effects of Wind Direction on the Airflow and Pollutant Dispersion inside a Long Street Canyon. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1152-1171.	2.1	39
5	Numerical investigation of the thermal effect on flow and dispersion of rooftop stack emissions with wind tunnel experimental validations. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11618-11636.	5.3	11
6	Numerical studies on issues of Re-independence for indoor airflow and pollutant dispersion within an isolated building. <i>Building Simulation</i> , 2022, 15, 1259-1276.	5.6	11
7	New insights into quantifying deposition and aerodynamic characteristics of PM _{2.5} removal by different tree leaves. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 1341-1356.	3.3	11
8	Impacts of specific street geometry on airflow and traffic pollutant dispersion inside a street canyon. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 1133-1152.	3.3	8
9	Thermal effects on the dispersion of rooftop stack emission in the wake of a tall building within suburban areas by wind-tunnel experiments. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 205, 104295.	3.9	5
10	Effects of void deck on the airflow and pollutant dispersion in 3D street canyons. <i>Environmental Science and Pollution Research</i> , 2022, 29, 89358-89386.	5.3	4