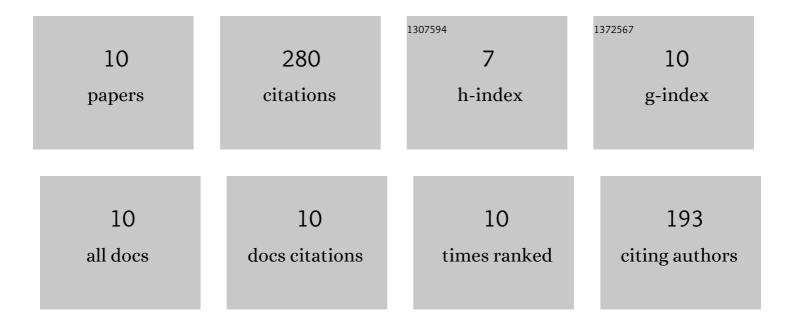
## Peng-Yi Cui

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1720177/publications.pdf Version: 2024-02-01



DENC-YI CIII

#	Article	IF	CITATIONS
1	Impacts of specific street geometry on airflow and traffic pollutant dispersion inside a street canyon. Air Quality, Atmosphere and Health, 2022, 15, 1133-1152.	3.3	8
2	Numerical studies on issues of Re-independence for indoor airflow and pollutant dispersion within an isolated building. Building Simulation, 2022, 15, 1259-1276.	5.6	11
3	New insights into quantifying deposition and aerodynamic characteristics of PM2.5 removal by different tree leaves. Air Quality, Atmosphere and Health, 2022, 15, 1341-1356.	3.3	11
4	Effects of void deck on the airflow and pollutant dispersion in 3D street canyons. Environmental Science and Pollution Research, 2022, 29, 89358-89386.	5.3	4
5	Numerical investigation of the thermal effect on flow and dispersion of rooftop stack emissions with wind tunnel experimental validations. Environmental Science and Pollution Research, 2021, 28, 11618-11636.	5.3	11
6	Thermal effects on the dispersion of rooftop stack emission in the wake of a tall building within suburban areas by wind-tunnel experiments. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 205, 104295.	3.9	5
7	Impacts of tree-planting pattern and trunk height on the airflow and pollutant dispersion inside a street canyon. Building and Environment, 2019, 165, 106385.	6.9	53
8	Effects of Wind Direction on the Airflow and Pollutant Dispersion inside a Long Street Canyon. Aerosol and Air Quality Research, 2019, 19, 1152-1171.	2.1	39
9	Buoyancy flows and pollutant dispersion through different scale urban areas: CFD simulations and wind-tunnel measurements. Building and Environment, 2016, 104, 76-91.	6.9	56
10	Wind-tunnel measurements for thermal effects on the air flow and pollutant dispersion through different scale urban areas. Building and Environment, 2016, 97, 137-151.	6.9	82