

Liangzhu Leon Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4146647/publications.pdf>

Version: 2024-02-01

10
papers

138
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-order backward forward sweep interpolating algorithm for semi-Lagrangian method. International Journal for Numerical Methods in Fluids, 2017, 84, 584-597.	1.6	25
2	Integrating CityFFD and WRF for modeling urban microclimate under heatwaves. Sustainable Cities and Society, 2021, 66, 102670.	10.4	24
3	Assessing dynamic efficiency of air curtain in reducing whole building annual energy usage. Building Simulation, 2017, 10, 497-507.	5.6	22
4	An adaptive time-stepping semi-Lagrangian method for incompressible flows. Numerical Heat Transfer, Part B: Fundamentals, 2019, 75, 1-18.	0.9	20
5	CityFFD – City fast fluid dynamics for urban microclimate simulations on graphics processing units. Urban Climate, 2022, 41, 101063.	5.7	20
6	Indoor thermal stratification and its statistical distribution. Indoor Air, 2019, 29, 347-363.	4.3	12
7	A real-time web tool for monitoring and mitigating indoor airborne COVID-19 transmission risks at city scale. Sustainable Cities and Society, 2022, 80, 103810.	10.4	9
8	An exploratory study on road tunnel with semi-transparent photovoltaic canopy – From energy saving and fire safety perspectives. Building Simulation, 2022, 15, 537-548.	5.6	5
9	Numerical simulations of smoke spread during solar roof fires. Building Simulation, 2022, 15, 561-570.	5.6	1
10	A cost-effective building fire smoke spread prediction approach for risk mitigation based on data assimilation using Ensemble Kalman Filter. Fire and Materials, 0, , .	2.0	0