

Patrick Kastner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9546215/publications.pdf>

Version: 2024-02-01

7
papers

123
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	From energy performative to livable Mediterranean cities: An annual outdoor thermal comfort and energy balance cross-climatic typological study. <i>Energy and Buildings</i> , 2020, 224, 110283.	6.7	39
2	A cylindrical meshing methodology for annual urban computational fluid dynamics simulations. <i>Journal of Building Performance Simulation</i> , 2020, 13, 59-68.	2.0	29
3	Eddy3D: A toolkit for decoupled outdoor thermal comfort simulations in urban areas. <i>Building and Environment</i> , 2022, 212, 108639.	6.9	20
4	Surfer: A fast simulation algorithm to predict surface temperatures and mean radiant temperatures in large urban models. <i>Building and Environment</i> , 2021, 196, 107762.	6.9	13
5	Modeling outdoor thermal comfort along cycling routes at varying levels of physical accuracy to predict bike ridership in Cambridge, MA. <i>Building and Environment</i> , 2022, 208, 108577.	6.9	10
6	Streamlined CFD simulation framework to generate wind-pressure coefficients on building facades for airflow network simulations. <i>Building Simulation</i> , 2021, 14, 1189-1200.	5.6	7
7	Streamlined CFD Simulation Framework to Generate Wind-Pressure Coefficients on Building Facades for Airflow Network Simulations. , 2018, , .		5