

# 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

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citations

1478505

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1872680

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7  
docs citations

7  
times ranked

60  
citing authors

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