

Helge Simon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1593261/publications.pdf>

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8
papers

241
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling transpiration and leaf temperature of urban trees – A case study evaluating the microclimate model ENVI-met against measurement data. <i>Landscape and Urban Planning</i> , 2018, 174, 33-40.	7.5	105
2	Evaluating the thermal-radiative performance of ENVI-met model for green infrastructure typologies: Experience from a subtropical climate. <i>Building and Environment</i> , 2022, 207, 108427.	6.9	45
3	Calibration process and parametrization of tropical plants using ENVI-met V4 – Sao Paulo case study. <i>Architectural Science Review</i> , 2019, 62, 112-125.	2.2	23
4	Urban Trees and Their Impact on Local Ozone Concentration – A Microclimate Modeling Study. <i>Atmosphere</i> , 2019, 10, 154.	2.3	23
5	Advances in Simulating Radiative Transfer in Complex Environments. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5449.	2.5	20
6	Introduction of Fractal-Based Tree Digitalization and Accurate In-Canopy Radiation Transfer Modelling to the Microclimate Model ENVI-met. <i>Forests</i> , 2020, 11, 869.	2.1	19
7	Implementation of a Lagrangian Stochastic Particle Trajectory Model (LaStTraM) to Simulate Concentration and Flux Footprints Using the Microclimate Model ENVI-Met. <i>Atmosphere</i> , 2021, 12, 977.	2.3	3
8	Seasonal Changes in Urban PM2.5 Hotspots and Sources from Low-Cost Sensors. <i>Atmosphere</i> , 2022, 13, 694.	2.3	3