

Neda Yaghoobian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4023593/publications.pdf>

Version: 2024-02-01

11
papers

345
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of reflective pavements on building energy use. <i>Urban Climate</i> , 2012, 2, 25-42.	5.7	82
2	Modeling the Thermal Effects of Artificial Turf on the Urban Environment. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 332-345.	1.5	71
3	Influence of plant coverage on the total green roof energy balance and building energy consumption. <i>Energy and Buildings</i> , 2015, 103, 1-13.	6.7	67
4	An indoor-outdoor building energy simulator to study urban modification effects on building energy use - Model description and validation. <i>Energy and Buildings</i> , 2012, 54, 407-417.	6.7	54
5	An Improved Three-Dimensional Simulation of the Diurnally Varying Street-Canyon Flow. <i>Boundary-Layer Meteorology</i> , 2014, 153, 251-276.	2.3	41
6	How the thermal environment shapes the structure of termite mounds. <i>Royal Society Open Science</i> , 2020, 7, 191332.	2.4	9
7	The role of mound functions and local environment in the diversity of termite mound structures. <i>Journal of Theoretical Biology</i> , 2021, 527, 110823.	1.7	7
8	A computational approach for predicting plant canopy induced wind effects on the trajectory of golf shots. <i>Sports Engineering</i> , 2018, 21, 1-10.	1.1	7
9	Stratification effects on flow and scalar transport through a deep cavity: A bioinspired examination. <i>Physics of Fluids</i> , 2020, 32, 015116.	4.0	4
10	The north-south orientation of Australian termite mounds is due to the Sun and local wind: A heat transfer investigation. <i>Journal of Applied Physics</i> , 2020, 128, 084903.	2.5	2
11	Diurnal Surface Heating and Roof Material Effects on Urban Pollution Dispersion: A Coupled Large-eddy Simulation and Surface Energy Balance Analysis. <i>Boundary-Layer Meteorology</i> , 0, , .	2.3	1