

Elisa Valentim Goulart

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2418907/publications.pdf>

Version: 2024-02-01

17
papers

303
citations

1040056

9
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of flow and dispersion around an isolated cubical building: The effect of the atmospheric stratification. <i>Atmospheric Environment</i> , 2009, 43, 5484-5492.	4.1	53
2	Flow structure and near-field dispersion in arrays of building-like obstacles. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2014, 125, 52-68.	3.9	52
3	Source apportionment of settleable particles in an impacted urban and industrialized region in Brazil. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22026-22039.	5.3	48
4	Processes controlling atmospheric dispersion through city centres. <i>Journal of Fluid Mechanics</i> , 2015, 763, 51-81.	3.4	33
5	The impact of urban block typology on pollutant dispersion. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 210, 104524.	3.9	25
6	Influence of urban form on air quality: The combined effect of block typology and urban planning indices on city breathability. <i>Science of the Total Environment</i> , 2022, 814, 152670.	8.0	20
7	Dispersion of a Passive Scalar Within and Above an Urban Street Network. <i>Boundary-Layer Meteorology</i> , 2018, 166, 351-366.	2.3	15
8	Impact assessment of odours emitted by a wastewater treatment plant. <i>Water Science and Technology</i> , 2012, 66, 2223-2228.	2.5	13
9	Local and non-local effects of building arrangements on pollutant fluxes within the urban canopy. <i>Building and Environment</i> , 2019, 147, 23-34.	6.9	13
10	Using Large-Eddy Simulation and Wind-Tunnel Data to Investigate Peak-to-Mean Concentration Ratios in an Urban Environment. <i>Boundary-Layer Meteorology</i> , 2019, 172, 333-350.	2.3	9
11	Atmospheric dispersion and urban planning: An interdisciplinary approach to city modeling. <i>Sustainable Cities and Society</i> , 2021, 70, 102882.	10.4	9
12	Spatial and Temporal Variability of the Concentration Field from Localized Releases in a Regular Building Array. <i>Boundary-Layer Meteorology</i> , 2016, 159, 241-257.	2.3	6
13	A review on the role of dispersion and receptor models in asthma research. <i>Environmental Pollution</i> , 2021, 287, 117529.	7.5	4
14	Comparison of methods for assessment of children exposure to air pollution: dispersion model, ambient monitoring, and personal samplers. <i>Air Quality, Atmosphere and Health</i> , 0, , 1.	3.3	3
15	Analysis of Pollutant Entrainment from Localized Sources in a Street Network. <i>Boundary-Layer Meteorology</i> , 2021, 179, 241-258.	2.3	0
16	Atmospheric Flow at Alcântara Launch Center. <i>Ciência E Natura</i> , 0, 42, e35.	0.0	0
17	Atmospheric Flow at Alcântara Launch Center. <i>Journal of Aerospace Technology and Management</i> , 0, 14, .	0.3	0