

Jenny Stocker

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

381
citations

1039406

9
h-index

794141

19
g-index

24
all docs

24
docs citations

24
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	Microclimatic effects of green and cool roofs in London and their impacts on energy use for a typical office building. <i>Energy and Buildings</i> , 2015, 88, 214-228.	3.1	74
2	Air quality simulations for London using a coupled regional-to-local modelling system. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11221-11245.	1.9	65
3	ADMS-Urban: developments in modelling dispersion from the city scale to the local scale. <i>International Journal of Environment and Pollution</i> , 2012, 50, 308.	0.2	35
4	PRAISE-HK: A personalized real-time air quality informatics system for citizen participation in exposure and health risk management. <i>Sustainable Cities and Society</i> , 2020, 54, 101986.	5.1	34
5	Street-scale air quality modelling for Beijing during a winter 2016 measurement campaign. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2755-2780.	1.9	31
6	Urban heat island modelling of a tropical city: case of Kuala Lumpur. <i>Geoscience Letters</i> , 2019, 6, .	1.3	30
7	The impact of the London Olympic Parkland on the urban heat island. <i>Journal of Building Performance Simulation</i> , 2014, 7, 119-132.	1.0	18
8	Comprehensive evaluation of an advanced street canyon air pollution model. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 247-267.	0.9	18
9	Highly spatially resolved emission inventory of selected air pollutants in Kuala Lumpur's urban environment. <i>Atmospheric Pollution Research</i> , 2021, 12, 12-22.	1.8	17
10	A Sensitivity Study Relating to Neighbourhood-scale Fast Local Urban Climate Modelling within the Built Environment. <i>Procedia Engineering</i> , 2017, 198, 589-599.	1.2	10
11	Using Task Farming to Optimise a Street-Scale Resolution Air Quality Model of the West Midlands (UK). <i>Atmosphere</i> , 2021, 12, 983.	1.0	9
12	Modelling spatiotemporal variations of the canopy layer urban heat island in Beijing at the neighbourhood scale. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13687-13711.	1.9	9
13	Optimized use of real-time vertical profile wind data and fast modelling for prediction of airflow over complex terrain. <i>Meteorological Applications</i> , 2016, 23, 182-190.	0.9	6
14	Assessing chemistry schemes and constraints in air quality models used to predict ozone in London against the detailed Master Chemical Mechanism. <i>Faraday Discussions</i> , 2016, 189, 589-616.	1.6	6
15	Evaluation of local and regional air quality forecasts for London. <i>International Journal of Environment and Pollution</i> , 2018, 64, 178.	0.2	6
16	Modelling adverse meteorological conditions for aircraft arising from airflow over complex terrain. <i>Meteorological Applications</i> , 2019, 26, 182-194.	0.9	4
17	A Multi-model Air Quality System for Health Research: Road model development and evaluation. <i>Environmental Modelling and Software</i> , 2022, 155, 105455.	1.9	4
18	Model inter-comparison and validation of ADMS plume chemistry schemes. <i>International Journal of Environment and Pollution</i> , 2017, 62, 395.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Derivation of High-Resolution Meteorological Parameters for Use in Airport Wind Shear Now-Casting Applications. Atmosphere, 2022, 13, 328.	1.0	2
20	Modelling the influence of road elevation on pollutant dispersion. Air Quality, Atmosphere and Health, 0, , .	1.5	1
21	Implications of Mitigating Ozone and Fine Particulate Matter Pollution in the Guangdongâ€Hong Kongâ€Macau Greater Bay Area of China Using a Regionalâ€Local Coupling Model. GeoHealth, 2022, 6, .	1.9	0