

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	Derivation of High-Resolution Meteorological Parameters for Use in Airport Wind Shear Now-Casting Applications. <i>Atmosphere</i> , 2022, 13, 328.	1.0	2
2	Implications of Mitigating Ozone and Fine Particulate Matter Pollution in the Guangdong-Hong Kong-Macau Greater Bay Area of China Using a Regional-to-Local Coupling Model. <i>GeoHealth</i> , 2022, 6, .	1.9	0
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Urban heat island modelling of a tropical city: case of Kuala Lumpur. <i>Geoscience Letters</i> , 2019, 6, .	1.3	30
11	Modelling adverse meteorological conditions for aircraft arising from airflow over complex terrain. <i>Meteorological Applications</i> , 2019, 26, 182-194.	0.9	4
12	Evaluation of local and regional air quality forecasts for London. <i>International Journal of Environment and Pollution</i> , 2018, 64, 178.	0.2	6
13	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
14	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
15	Model inter-comparison and validation of ADMS plume chemistry schemes. <i>International Journal of Environment and Pollution</i> , 2017, 62, 395.	0.2	2
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	The impact of the London Olympic Parkland on the urban heat island. Journal of Building Performance Simulation, 2014, 7, 119-132.	1.0	18
20	ADMS-Urban: developments in modelling dispersion from the city scale to the local scale. International Journal of Environment and Pollution, 2012, 50, 308.	0.2	35
21	Modelling the influence of road elevation on pollutant dispersion. Air Quality, Atmosphere and Health, 0, , .	1.5	1