

Mariel D Friberg

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

462
citations

933447

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839539

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25
docs citations

25
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereo Plume Height and Motion Retrievals for the Recordâ€Setting Hunga Tongaâ€Hunga Ha'apai Eruption of 15 January 2022. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	98
2	Method for Fusing Observational Data and Chemical Transport Model Simulations To Estimate Spatiotemporally Resolved Ambient Air Pollution. <i>Environmental Science & Technology</i> , 2016, 50, 3695-3705.	10.0	86
3	Assessment of neighbourhood-level socioeconomic status as a modifier of air pollutionâ€asthma associations among children in Atlanta. <i>Journal of Epidemiology and Community Health</i> , 2017, 71, 129-136.	3.7	75
4	Ozone and childhood respiratory disease in three US cities: evaluation of effect measure modification by neighborhood socioeconomic status using a Bayesian hierarchical approach. <i>Environmental Health</i> , 2017, 16, 36.	4.0	40
5	Daily ambient air pollution metrics for five cities: Evaluation of data-fusion-based estimates and uncertainties. <i>Atmospheric Environment</i> , 2017, 158, 36-50.	4.1	27
6	COVID-19 basic reproduction number and assessment of initial suppression policies in Costa Rica. <i>Mathematical Modelling of Natural Phenomena</i> , 2020, 15, 32.	2.4	26
7	Air pollutant exposure field modeling using air quality model-data fusion methods and comparison with satellite AOD-derived fields: application over North Carolina, USA. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 11-22.	3.3	22
8	Application and evaluation of two model fusion approaches to obtain ambient air pollutant concentrations at a fine spatial resolution (250m) in Atlanta. <i>Environmental Modelling and Software</i> , 2018, 109, 182-190.	4.5	16
9	Constraining chemical transport PM_{2.5} modeling outputs using surface monitor measurements and satellite retrievals: application over the San Joaquin Valley. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12891-12913.	4.9	12
10	Synchrony of globally invasive <i>Aedes</i> spp. immature mosquitoes along an urban altitudinal gradient in their native range. <i>Science of the Total Environment</i> , 2020, 734, 139365.	8.0	12
11	<i>Aedes albopictus</i> and <i>Aedes flavopictus</i> (Diptera: Culicidae) pre-imaginal abundance patterns are associated with different environmental factors along an altitudinal gradient. <i>Current Research in Insect Science</i> , 2021, 1, 100001.	1.7	11
12	<i>Anopheles albimanus</i> (Diptera: Culicidae) Ensemble Distribution Modeling: Applications for Malaria Elimination. <i>Insects</i> , 2022, 13, 221.	2.2	11
13	GEOâ€GEO Stereo-Tracking of Atmospheric Motion Vectors (AMVs) from the Geostationary Ring. <i>Remote Sensing</i> , 2020, 12, 3779.	4.0	9
14	Trade, uneven development and people in motion: Used territories and the initial spread of COVID-19 in Mesoamerica and the Caribbean. <i>Socio-Economic Planning Sciences</i> , 2022, 80, 101161.	5.0	7
15	Landscape and Environmental Factors Influencing Stage Persistence and Abundance of the Bamboo Mosquito, <i>Tripteroides bambusa</i> (Diptera: Culicidae), across an Altitudinal Gradient. <i>Insects</i> , 2019, 10, 41.	2.2	4
16	Spatial PM_{2.5} mobile source impacts using a calibrated indicator method. <i>Journal of the Air and Waste Management Association</i> , 2019, 69, 402-414.	1.9	2
17	Air Quality Model-Based Methods for Estimating Human Exposures: A Review and Comparison. <i>Springer Proceedings in Complexity</i> , 2018, , 495-501.	0.3	1
18	Using Air Quality Model-Data Fusion Methods for Developing Air Pollutant Exposure Fields and Comparison with Satellite AOD-Derived Fields: Application over North Carolina, USA. <i>Springer Proceedings in Complexity</i> , 2018, , 207-212.	0.3	1