

Johnathan Rush

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

334
citations

1162367

8
h-index

996533

15
g-index

26
all docs

26
docs citations

26
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Advancing methodologies for applying machine learning and evaluating spatiotemporal models of fine particulate matter (PM2.5) using satellite data over large regions. <i>Atmospheric Environment</i> , 2020, 239, 117649.	1.9	53
2	Exploration and exploitation in the macrohistory of the pre-Hispanic Pueblo Southwest. <i>Science Advances</i> , 2016, 2, e1501532.	4.7	49
3	Neighborhood-level disparities and subway utilization during the COVID-19 pandemic in New York City. <i>Nature Communications</i> , 2021, 12, 3692.	5.8	44
4	Can ultra short-term changes in ambient temperature trigger myocardial infarction?. <i>Environment International</i> , 2020, 143, 105910.	4.8	22
5	A 1-km hourly air-temperature model for 13 northeastern U.S. states using remotely sensed and ground-based measurements. <i>Environmental Research</i> , 2021, 200, 111477.	3.7	22
6	Gradient boosting machine learning to improve satellite-derived column water vapor measurement error. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 4669-4681.	1.2	17
7	A spatiotemporal reconstruction of daily ambient temperature using satellite data in the Megalopolis of Central Mexico from 2003 to 2019. <i>International Journal of Climatology</i> , 2021, 41, 4095-4111.	1.5	15
8	Cyber Literacy for GIScience: Toward Formalizing Geospatial Computing Education. <i>Professional Geographer</i> , 2019, 71, 221-238.	1.0	14
9	The association between ambient temperature variability and myocardial infarction in a New York-State-based case-crossover study: An examination of different variability metrics. <i>Environmental Research</i> , 2021, 197, 111207.	3.7	13
10	A CyberGIS-Jupyter Framework for Geospatial Analytics at Scale. , 2017, , .		12
11	The Advanced Cyberinfrastructure Research and Education Facilitators Virtual Residency. , 2016, , .		11
12	A hybrid approach to predict daily NO2 concentrations at city block scale. <i>Science of the Total Environment</i> , 2021, 761, 143279.	3.9	8
13	Can weather help explain 'why now?': The potential role of hourly temperature as a stroke trigger. <i>Environmental Research</i> , 2022, 207, 112229.	3.7	8
14	Envisioning Deep Maps: Exploring the Spatial Navigation Metaphor in Deep Mapping. <i>International Journal of Humanities and Arts Computing</i> , 2013, 7, 201-227.	0.3	7
15	TopoLens. , 2016, , .		4
16	Associations between daily ambient temperature and sedentary time among children 4-6 years old in Mexico City. <i>PLoS ONE</i> , 2020, 15, e0241446.	1.1	4
17	A Massively Multi-user Online Game Framework for Agent-Based Spatial Simulation. <i>Geospatial Technology and the Role of Location in Science</i> , 2019, , 213-224.	0.2	1
18	Daily particulate matter and temperature from satellite-hybrid models and 1.5 million deaths: A time-stratified case-crossover analysis in Central Mexico. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	1

#	ARTICLE	IF	CITATIONS
19	The Caseâ€Crossover Design Under Changing Baseline Outcome Risk: A Simulation of Ambient Temperature and Preterm Birth. <i>Epidemiology</i> , 2022, 33, e14-e15.	1.2	1
20	Can Weather Help Explain 'Why Now?': The Potential Role of Hourly Temperature as a Stroke Trigger. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
21	Residential segregation, air temperature, and circulatory mortality: Exposure model choice matters for disparities analyses. ISEE Conference Abstracts, 2021, 2021, .	0.0	0