Johnathan Rush

List of Publications by Year
in descending order

21	334	1162367 8	996533 15
papers	citations	h-index	g-index

26	26	26	439
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Can weather help explain 'why now?': The potential role of hourly temperature as a stroke trigger. Environmental Research, 2022, 207, 112229.	3.7	8
2	The Caseâ€“Crossover Design Under Changing Baseline Outcome Risk: A Simulation of Ambient Temperature and Preterm Birth. Epidemiology, 2022, 33, e14-e15.	1.2	1
3	A hybrid approach to predict daily NO2 concentrations at city block scale. Science of the Total Environment, 2021, 761, 143279.	3.9	8
4	A spatiotemporal reconstruction of daily ambient temperature using satellite data in the Megalopolis of Central Mexico from 2003 to 2019. International Journal of Climatology, 2021, 41, 4095-4111.	1.5	15
5	The association between ambient temperature variability and myocardial infarction in a New York-State-based case-crossover study: An examination of different variability metrics. Environmental Research, 2021, 197, 111207.	3.7	13
6	Neighborhood-level disparities and subway utilization during the COVID-19 pandemic in New York City. Nature Communications, 2021, 12, 3692.	5.8	44
7	Can Weather Help Explain 'Why Now?': The Potential Role of Hourly Temperature as a Stroke Trigger. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
8	Daily particulate matter and temperature from satellite-hybrid models and 1.5 million deaths: A time-stratified case-crossover analysis in Central Mexico. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
9	Residential segregation, air temperature, and circulatory mortality: Exposure model choice matters for disparities analyses. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
10	A 1-km hourly air-temperature model for 13 northeastern U.S. states using remotely sensed and ground-based measurements. Environmental Research, 2021, 200, 111477.	3.7	22
11	Advancing methodologies for applying machine learning and evaluating spatiotemporal models of fine particulate matter (PM2.5) using satellite data over large regions. Atmospheric Environment, 2020, 239, 117649.	1.9	53
12	Can ultra short-term changes in ambient temperature trigger myocardial infarction?. Environment International, 2020, 143, 105910.	4.8	22
13	Associations between daily ambient temperature and sedentary time among children 4â€“6 years old in Mexico City. PLoS ONE, 2020, 15, e0241446.	1.1	4
14	Gradient boosting machine learning to improve satellite-derived column water vapor measurement error. Atmospheric Measurement Techniques, 2020, 13, 4669-4681.	1.2	17
15	A Massively Multi-user Online Game Framework for Agent-Based Spatial Simulation. Geospatial Technology and the Role of Location in Science, 2019, , 213-224.	0.2	1
16	Cyber Literacy for GIScience: Toward Formalizing Geospatial Computing Education. Professional Geographer, 2019, 71, 221-238.	1.0	14
17	A CyberGIS-Jupyter Framework for Geospatial Analytics at Scale. , 2017, , .		12
18	The Advanced Cyberinfrastructure Research and Education Facilitators Virtual Residency. , 2016, , .		11

#	Article	IF	Citations
19	TopoLens. , 2016, , .		4
20	Exploration and exploitation in the macrohistory of the pre-Hispanic Pueblo Southwest. Science Advances, 2016, 2, e1501532.	4.7	49
21	Envisioning Deep Maps: Exploring the Spatial Navigation Metaphor in Deep Mapping. International Journal of Humanities and Arts Computing, 2013, 7, 201-227.	0.3	7