

Jonathan A Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

924
citations

687220

13
h-index

713332

21
g-index

25
all docs

25
docs citations

25
times ranked

1489
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthropogenic and biogenic CO ₂ fluxes in the Boston urban region. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7491-7496.	3.3	110
2	Fine-scale perspectives on landscape phenology from unmanned aerial vehicle (UAV) photography. Agricultural and Forest Meteorology, 2018, 248, 397-407.	1.9	108
3	Extensive land cover change across Arctic-Boreal Northwestern North America from disturbance and climate forcing. Global Change Biology, 2020, 26, 807-822.	4.2	107
4	Interactions between urban vegetation and surface urban heat islands: a case study in the Boston metropolitan region. Environmental Research Letters, 2016, 11, 054020.	2.2	91
5	Albedo, Land Cover, and Daytime Surface Temperature Variation Across an Urbanized Landscape. Earth's Future, 2017, 5, 1084-1101.	2.4	80
6	Accounting for urban biogenic fluxes in regional carbon budgets. Science of the Total Environment, 2017, 592, 366-372.	3.9	74
7	Predicting the evolutionary dynamics of seasonal adaptation to novel climates in <i>Arabidopsis thaliana</i> . Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2812-21.	3.3	62
8	Policy-Relevant Assessment of Urban CO ₂ Emissions. Environmental Science & Technology, 2020, 54, 10237-10245.	4.6	52
9	Disturbance suppresses the aboveground carbon sink in North American boreal forests. Nature Climate Change, 2021, 11, 435-441.	8.1	51
10	The role of land cover change in Arctic-Boreal greening and browning trends. Environmental Research Letters, 2019, 14, 125007.	2.2	28
11	Gradients of Atmospheric Temperature and Humidity Controlled by Local Urban Land-Use Intensity in Boston. Journal of Applied Meteorology and Climatology, 2017, 56, 817-831.	0.6	27
12	Soil respiration strongly offsets carbon uptake in Alaska and Northwest Canada. Environmental Research Letters, 2021, 16, 084051.	2.2	23
13	Medium Spatial Resolution Mapping of Global Land Cover and Land Cover Change Across Multiple Decades From Landsat. Frontiers in Remote Sensing, 0, 3, .	1.3	22
14	Mapping causal agents of disturbance in boreal and arctic ecosystems of North America using time series of Landsat data. Remote Sensing of Environment, 2022, 272, 112935.	4.6	20
15	Accurate tracking of forest activity key to multi-jurisdictional management goals: A case study in California. Journal of Environmental Management, 2022, 302, 114083.	3.8	14
16	Remote Sensing of Tundra Ecosystems Using High Spectral Resolution Reflectance: Opportunities and Challenges. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	14
17	The Impacts of Climate and Wildfire on Ecosystem Gross Primary Productivity in Alaska. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006078.	1.3	12
18	Urban Heat Islets: Street Segments, Land Surface Temperatures, and Medical Emergencies During Heat Advisories. American Journal of Public Health, 2020, 110, 994-1001.	1.5	8

#	ARTICLE	IF	CITATIONS
19	The Future of the Carbon Cycle in a Changing Climate. Eos, 2020, 101, .	0.1	7
20	The influence of near-field fluxes on seasonal carbon dioxide enhancements: results from the Indianapolis Flux Experiment (INFLUX). Carbon Balance and Management, 2021, 16, 4.	1.4	4
21	Biophysical Determinants of Shifting Tundra Vegetation Productivity in the Beaufort Delta Region of Canada. Ecosystems, 2022, 25, 1435-1454.	1.6	3