

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	Accurate tracking of forest activity key to multi-jurisdictional management goals: A case study in California. <i>Journal of Environmental Management</i> , 2022, 302, 114083.	3.8	14
2	Biophysical Determinants of Shifting Tundra Vegetation Productivity in the Beaufort Delta Region of Canada. <i>Ecosystems</i> , 2022, 25, 1435-1454.	1.6	3
3	Remote Sensing of Tundra Ecosystems Using High Spectral Resolution Reflectance: Opportunities and Challenges. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	14
4	Mapping causal agents of disturbance in boreal and arctic ecosystems of North America using time series of Landsat data. <i>Remote Sensing of Environment</i> , 2022, 272, 112935.	4.6	20
5	Disturbance suppresses the aboveground carbon sink in North American boreal forests. <i>Nature Climate Change</i> , 2021, 11, 435-441.	8.1	51
6	The Impacts of Climate and Wildfire on Ecosystem Gross Primary Productivity in Alaska. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006078.	1.3	12
7	Soil respiration strongly offsets carbon uptake in Alaska and Northwest Canada. <i>Environmental Research Letters</i> , 2021, 16, 084051.	2.2	23
8	The influence of near-field fluxes on seasonal carbon dioxide enhancements: results from the Indianapolis Flux Experiment (INFLUX). <i>Carbon Balance and Management</i> , 2021, 16, 4.	1.4	4
9	Extensive land cover change across Arctic-Boreal Northwestern North America from disturbance and climate forcing. <i>Global Change Biology</i> , 2020, 26, 807-822.	4.2	107
10	Policy-Relevant Assessment of Urban CO ₂ Emissions. <i>Environmental Science & Technology</i> , 2020, 54, 10237-10245.	4.6	52
11	Urban Heat Islets: Street Segments, Land Surface Temperatures, and Medical Emergencies During Heat Advisories. <i>American Journal of Public Health</i> , 2020, 110, 994-1001.	1.5	8
12	The Future of the Carbon Cycle in a Changing Climate. <i>Eos</i> , 2020, 101, .	0.1	7
13	The role of land cover change in Arctic-Boreal greening and browning trends. <i>Environmental Research Letters</i> , 2019, 14, 125007.	2.2	28
14	Fine-scale perspectives on landscape phenology from unmanned aerial vehicle (UAV) photography. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 397-407.	1.9	108
15	Anthropogenic and biogenic CO ₂ fluxes in the Boston urban region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7491-7496.	3.3	110
16	Accounting for urban biogenic fluxes in regional carbon budgets. <i>Science of the Total Environment</i> , 2017, 592, 366-372.	3.9	74
17	Gradients of Atmospheric Temperature and Humidity Controlled by Local Urban Land-Use Intensity in Boston. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 817-831.	0.6	27
18	Albedo, Land Cover, and Daytime Surface Temperature Variation Across an Urbanized Landscape. <i>Earth's Future</i> , 2017, 5, 1084-1101.	2.4	80

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19	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
20	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
21	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