

Amber J Soja

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,217
citations

516710

16
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

4862
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine Ash-Bearing Particles as a Major Aerosol Component in Biomass Burning Smoke. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	13
2	An evaluation of empirical and statistically based smoke plume injection height parametrisations used within air quality models. <i>International Journal of Wildland Fire</i> , 2022, 31, 193-211.	2.4	7
3	Airborne Emission Rate Measurements Validate Remote Sensing Observations and Emission Inventories of Western U.S. Wildfires. <i>Environmental Science & Technology</i> , 2022, 56, 7564-7577.	10.0	15
4	Evaluation and intercomparison of wildfire smoke forecasts from multiple modeling systems for the 2019 Williams Flats fire. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14427-14469.	4.9	37
5	Reviews and syntheses: Arctic fire regimes and emissions in the 21st century. <i>Biogeosciences</i> , 2021, 18, 5053-5083.	3.3	59
6	Ozone chemistry in western U.S. wildfire plumes. <i>Science Advances</i> , 2021, 7, eabl3648.	10.3	45
7	Reconciling Assumptions in Bottom-Up and Top-Down Approaches for Estimating Aerosol Emission Rates From Wildland Fires Using Observations From FIRE-AQ. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, .	3.3	10
8	Space-Based Observations for Understanding Changes in the Arctic-Boreal Zone. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000652.	23.0	39
9	High Temporal Resolution Satellite Observations of Fire Radiative Power Reveal Link Between Fire Behavior and Aerosol and Gas Emissions. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090707.	4.0	30
10	Progress and Challenges in Quantifying Wildfire Smoke Emissions, Their Properties, Transport, and Atmospheric Impacts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13005-13025.	3.3	37
11	Earth science and the integral climatic and socio-economic drivers of change across northern Eurasia: The NEESPI legacy and future direction. <i>Environmental Research Letters</i> , 2018, 13, 040401.	5.2	8
12	Modeled Response of Greenland Snowmelt to the Presence of Biomass Burning-Based Absorbing Aerosols in the Atmosphere and Snow. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6122-6141.	3.3	10
13	Quantifying black carbon deposition over the Greenland ice sheet from forest fires in Canada. <i>Geophysical Research Letters</i> , 2017, 44, 7965-7974.	4.0	41
14	Influence of tree species on continental differences in boreal fires and climate feedbacks. <i>Nature Geoscience</i> , 2015, 8, 228-234.	12.9	320
15	Fire emissions estimates in Siberia: evaluation of uncertainties in area burned, land cover, and fuel consumption. <i>Canadian Journal of Forest Research</i> , 2013, 43, 493-506.	1.7	52
16	Radiative forcing due to enhancements in tropospheric ozone and carbonaceous aerosols caused by Asian fires during spring 2008. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
17	The use of satellite-measured aerosol optical depth to constrain biomass burning emissions source strength in the global model GOCART. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	71
18	The Fire INventory from NCAR (FINN): a high resolution global model to estimate the emissions from open burning. <i>Geoscientific Model Development</i> , 2011, 4, 625-641.	3.6	1,278

#	ARTICLE	IF	CITATIONS
19	Climate-induced boreal forest change: Predictions versus current observations. <i>Global and Planetary Change</i> , 2007, 56, 274-296.	3.5	619
20	Chemical data assimilation estimates of continental U.S. ozone and nitrogen budgets during the Intercontinental Chemical Transport Experimentâ€“North America. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	102
21	Satellite-Derived Mean Fire Return Intervals As Indicators Of Change In Siberia (1995â€“2002). <i>Mitigation and Adaptation Strategies for Global Change</i> , 2006, 11, 75-96.	2.1	18
22	AVHRR-based mapping of fires in Russia: New products for fire management and carbon cycle studies. <i>Remote Sensing of Environment</i> , 2004, 93, 546-564.	11.0	224
23	Estimating fire emissions and disparities in boreal Siberia (1998â€“2002). <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	165