

Jessica L Mccarty

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

929
citations

567281

15
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Global search for temporal shifts in fire activity: potential human influence on southwest Russia and north Australia fire seasons. <i>Environmental Research Letters</i> , 2021, 16, 044023.	5.2	12
2	Monitoring uranium mine pollution on Native American lands: Insights from tree bark particulate matter on the Spokane Reservation, Washington, USA. <i>Environmental Research</i> , 2021, 194, 110619.	7.5	21
3	Reviews and syntheses: Arctic fire regimes and emissions in the 21st century. <i>Biogeosciences</i> , 2021, 18, 5053-5083.	3.3	59
4	Spring fires in Russia: results from participatory burned area mapping with Sentinel-2 imagery. <i>Environmental Research Letters</i> , 2021, 16, 125005.	5.2	11
5	Fusion Approach for Remotely-Sensed Mapping of Agriculture (FARMA): A Scalable Open Source Method for Land Cover Monitoring Using Data Fusion. <i>Remote Sensing</i> , 2020, 12, 3459.	4.0	3
6	Accounting for Training Data Error in Machine Learning Applied to Earth Observations. <i>Remote Sensing</i> , 2020, 12, 1034.	4.0	49
7	Arctic fires re-emerging. <i>Nature Geoscience</i> , 2020, 13, 658-660.	12.9	79
8	A Multi-Modal Approach for Monitoring Changes in Agriculture in the Mekong River Delta. , 2020, , .		0
9	Fire on the Water Towers: Mapping Burn Scars on Mount Kenya Using Satellite Data to Reconstruct Recent Fire History. <i>Remote Sensing</i> , 2019, 11, 104.	4.0	8
10	Exploiting the Convergence of Evidence in Satellite Data for Advanced Weather Index Insurance Design. <i>Weather, Climate, and Society</i> , 2019, 11, 65-93.	1.1	37
11	Where there is smoke: Introduction to the virtual special issue of health impacts of wildland fire smoke exposure - Selected papers from the 2nd International Smoke Symposium. <i>Science of the Total Environment</i> , 2018, 626, 1259-1260.	8.0	0
12	Farmer Perception, Recollection, and Remote Sensing in Weather Index Insurance: An Ethiopia Case Study. <i>Remote Sensing</i> , 2018, 10, 1887.	4.0	26
13	Smallholder crop area mapped with wall-to-wall WorldView sub-meter panchromatic image texture: A test case for Tigray, Ethiopia. <i>Remote Sensing of Environment</i> , 2018, 212, 8-20.	11.0	31
14	Is remote sensing useful for finding and monitoring urban farms?. <i>Applied Geography</i> , 2017, 80, 23-33.	3.7	19
15	Development of the crop residue and rangeland burning in the 2014 National Emissions Inventory using information from multiple sources. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 613-622.	1.9	37
16	Agricultural Fires in European Russia, Belarus, and Lithuania and Their Impact on Air Quality, 2002â€“2012. , 2017, , 193-221.		7
17	An approach for verifying biogenic greenhouse gas emissions inventories with atmospheric CO ₂ concentration data. <i>Environmental Research Letters</i> , 2015, 10, 034012.	5.2	27
18	Remote sensing estimates of stand-replacement fires in Russia, 2002â€“2011. <i>Environmental Research Letters</i> , 2014, 9, 105007.	5.2	70

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19	Management and climate contributions to satellite-derived active fire trends in the contiguous United States. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 645-660.	3.0	13
20	Estimating Black Carbon Emissions from Agricultural Burning. <i>Environmental Science and Engineering</i> , 2014, , 347-364.	0.2	8
21	Multi-year black carbon emissions from cropland burning in the Russian Federation. <i>Atmospheric Environment</i> , 2012, 63, 223-238.	4.1	44
22	Remote Sensing-Based Estimates of Annual and Seasonal Emissions from Crop Residue Burning in the Contiguous United States. <i>Journal of the Air and Waste Management Association</i> , 2011, 61, 22-34.	1.9	47
23	The spatial and temporal distribution of crop residue burning in the contiguous United States. <i>Science of the Total Environment</i> , 2009, 407, 5701-5712.	8.0	115
24	Global distribution of agricultural fires in croplands from 3 years of Moderate Resolution Imaging Spectroradiometer (MODIS) data. <i>Global Biogeochemical Cycles</i> , 2006, 20, n/a-n/a.	4.9	201