

Jennifer A Rover

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,222
citations

471061

17
h-index

552369

26
g-index

29
all docs

29
docs citations

29
times ranked

1976
citing authors

#	ARTICLE	IF	CITATIONS
1	Vulnerable Waters are Essential to Watershed Resilience. <i>Ecosystems</i> , 2023, 26, 1-28.	1.6	21
2	Analyzing the Effects of Land Cover Change on the Water Balance for Case Study Watersheds in Different Forested Ecosystems in the USA. <i>Land</i> , 2022, 11, 316.	1.2	7
3	Lessons learned implementing an operational continuous United States national land change monitoring capability: The Land Change Monitoring, Assessment, and Projection (LCMAP) approach. <i>Remote Sensing of Environment</i> , 2020, 238, 111356.	4.6	123
4	Investigating lake-area dynamics across a permafrost-thaw spectrum using airborne electromagnetic surveys and remote sensing time-series data in Yukon Flats, Alaska. <i>Environmental Research Letters</i> , 2019, 14, 025001.	2.2	25
5	Monitoring Landscape Dynamics in Central U.S. Grasslands with Harmonized Landsat-8 and Sentinel-2 Time Series Data. <i>Remote Sensing</i> , 2019, 11, 328.	1.8	43
6	Satellite remote sensing estimation of river discharge: Application to the Yukon River Alaska. <i>Journal of Hydrology</i> , 2018, 561, 1000-1018.	2.3	86
7	Monitoring algal blooms in drinking water reservoirs using the Landsat-8 Operational Land Imager. <i>International Journal of Remote Sensing</i> , 2018, 39, 2818-2846.	1.3	22
8	An initial validation of Landsat 5 and 7 derived surface water temperature for U.S. lakes, reservoirs, and estuaries. <i>International Journal of Remote Sensing</i> , 2018, 39, 7789-7805.	1.3	51
9	Trophic dynamics of shrinking Subarctic lakes: naturally eutrophic waters impart resilience to rising nutrient and major ion concentrations. <i>Oecologia</i> , 2016, 181, 583-596.	0.9	7
10	Controls on the Geochemical Evolution of Prairie Pothole Region Lakes and Wetlands Over Decadal Time Scales. <i>Wetlands</i> , 2016, 36, 255-272.	0.7	9
11	Effect of permafrost thaw on the dynamics of lakes recharged by ice-jam floods: case study of Yukon Flats, Alaska. <i>Hydrological Processes</i> , 2016, 30, 1782-1795.	1.1	11
12	Pronounced chemical response of Subarctic lakes to climate-driven losses in surface area. <i>Global Change Biology</i> , 2015, 21, 1140-1152.	4.2	18
13	Spatially explicit estimation of aboveground boreal forest biomass in the Yukon River Basin, Alaska. <i>International Journal of Remote Sensing</i> , 2015, 36, 939-953.	1.3	8
14	Effects of Disturbance and Climate Change on Ecosystem Performance in the Yukon River Basin Boreal Forest. <i>Remote Sensing</i> , 2014, 6, 9145-9169.	1.8	9
15	Detecting Emergence, Growth, and Senescence of Wetland Vegetation with Polarimetric Synthetic Aperture Radar (SAR) Data. <i>Water (Switzerland)</i> , 2014, 6, 694-722.	1.2	35
16	Geostatistical estimation of signal-to-noise ratios for spectral vegetation indices. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 96, 20-27.	4.9	10
17	MODIS-informed greenness responses to daytime land surface temperature fluctuations and wildfire disturbances in the Alaskan Yukon River Basin. <i>International Journal of Remote Sensing</i> , 2013, 34, 2187-2199.	1.3	9
18	Linkages between lake shrinkage/expansion and sublacustrine permafrost distribution determined from remote sensing of interior Alaska, USA. <i>Geophysical Research Letters</i> , 2013, 40, 882-887.	1.5	77

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19	Controls on recent Alaskan lake changes identified from water isotopes and remote sensing. <i>Geophysical Research Letters</i> , 2013, 40, 3413-3418.	1.5	54
20	Establishing water body areal extent trends in interior Alaska from multi-temporal Landsat data. <i>Remote Sensing Letters</i> , 2012, 3, 595-604.	0.6	67
21	The regional abundance and size distribution of lakes and reservoirs in the United States and implications for estimates of global lake extent. <i>Limnology and Oceanography</i> , 2012, 57, 597-606.	1.6	123
22	Estimating aboveground biomass in interior Alaska with Landsat data and field measurements. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012, 18, 451-461.	1.4	75
23	Carbon dioxide and methane emissions from the Yukon River system. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	199
24	On the terminology of the spectral vegetation index $(NIR - SWIR) / (NIR + SWIR)$. <i>International Journal of Remote Sensing</i> , 2011, 32, 6901-6909.	1.3	70
25	Surface Water Extent Trends in Interior Alaska (1979–2009)., 2011, , .		0
26	Classifying the Hydrologic Function of Prairie Potholes with Remote Sensing and GIS. <i>Wetlands</i> , 2011, 31, 319-327.	0.7	27
27	A self-trained classification technique for producing 30m percent-water maps from Landsat data. <i>International Journal of Remote Sensing</i> , 2010, 31, 2197-2203.	1.3	34