Jennifer A Rover

List of Publications by Year
in descending order

27	1,222	471371 17	552653 26
papers	citations	h-index	g-index

29	29	29	1976
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon dioxide and methane emissions from the Yukon River system. Global Biogeochemical Cycles, 2012, 26, .	1.9	199
2	The regional abundance and size distribution of lakes and reservoirs in the United States and implications for estimates of global lake extent. Limnology and Oceanography, 2012, 57, 597-606.	1.6	123
3	Lessons learned implementing an operational continuous United States national land change monitoring capability: The Land Change Monitoring, Assessment, and Projection (LCMAP) approach. Remote Sensing of Environment, 2020, 238, 111356.	4.6	123
4	Satellite remote sensing estimation of river discharge: Application to the Yukon River Alaska. Journal of Hydrology, 2018, 561, 1000-1018.	2.3	86
5	Linkages between lake shrinkage/expansion and sublacustrine permafrost distribution determined from remote sensing of interior Alaska, USA. Geophysical Research Letters, 2013, 40, 882-887.	1.5	77
6	Estimating aboveground biomass in interior Alaska with Landsat data and field measurements. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 451-461.	1.4	75
7	On the terminology of the spectral vegetation index (NIRâ€‰â^'â€‰SWIR)/(NIRâ€‰+â€‰SWIR). International Journal of Remote Sensing, 2011, 32, 6901-6909.	1.3	70
8	Establishing water body areal extent trends in interior Alaska from multi-temporal Landsat data. Remote Sensing Letters, 2012, 3, 595-604.	0.6	67
9	Controls on recent Alaskan lake changes identified from water isotopes and remote sensing. Geophysical Research Letters, 2013, 40, 3413-3418.	1.5	54
10	An initial validation of Landsat 5 and 7 derived surface water temperature for U.S. lakes, reservoirs, and estuaries. International Journal of Remote Sensing, 2018, 39, 7789-7805.	1.3	51
11	Monitoring Landscape Dynamics in Central U.S. Grasslands with Harmonized Landsat-8 and Sentinel-2 Time Series Data. Remote Sensing, 2019, 11, 328.	1.8	43
12	Detecting Emergence, Growth, and Senescence of Wetland Vegetation with Polarimetric Synthetic Aperture Radar (SAR) Data. Water (Switzerland), 2014, 6, 694-722.	1.2	35
13	A self-trained classification technique for producing 30Âm percent-water maps from Landsat data. International Journal of Remote Sensing, 2010, 31, 2197-2203.	1.3	34
14	Classifying the Hydrologic Function of Prairie Potholes with Remote Sensing and GIS. Wetlands, 2011, 31, 319-327.	0.7	27
15	Investigating lake-area dynamics across a permafrost-thaw spectrum using airborne electromagnetic surveys and remote sensing time-series data in Yukon Flats, Alaska. Environmental Research Letters, 2019, 14, 025001.	2.2	25
16	Monitoring algal blooms in drinking water reservoirs using the Landsat-8 Operational Land Imager. International Journal of Remote Sensing, 2018, 39, 2818-2846.	1.3	22
17	Vulnerable Waters are Essential to Watershed Resilience. Ecosystems, 2023, 26, 1-28.	1.6	21
18	Pronounced chemical response of Subarctic lakes to climateâ€driven losses in surface area. Global Change Biology, 2015, 21, 1140-1152.	4.2	18

#	Article	IF	Citations
19	Effect of permafrost thaw on the dynamics of lakes recharged by ice-jam floods: case study of Yukon Flats, Alaska. Hydrological Processes, 2016, 30, 1782-1795.	1.1	11
20	Geostatistical estimation of signal-to-noise ratios for spectral vegetation indices. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 96, 20-27.	4.9	10
21	MODIS-informed greenness responses to daytime land surface temperature fluctuations and wildfire disturbances in the Alaskan Yukon River Basin. International Journal of Remote Sensing, 2013, 34, 2187-2199.	1.3	9
22	Effects of Disturbance and Climate Change on Ecosystem Performance in the Yukon River Basin Boreal Forest. Remote Sensing, 2014, 6, 9145-9169.	1.8	9
23	Controls on the Geochemical Evolution of Prairie Pothole Region Lakes and Wetlands Over Decadal Time Scales. Wetlands, 2016, 36, 255-272.	0.7	9
24	Spatially explicit estimation of aboveground boreal forest biomass in the Yukon River Basin, Alaska. International Journal of Remote Sensing, 2015, 36, 939-953.	1.3	8
25	Trophic dynamics of shrinking Subarctic lakes: naturally eutrophic waters impart resilience to rising nutrient and major ion concentrations. Oecologia, 2016, 181, 583-596.	0.9	7
26	Analyzing the Effects of Land Cover Change on the Water Balance for Case Study Watersheds in Different Forested Ecosystems in the USA. Land, 2022, 11, 316.	1.2	7
27	Surface Water Extent Trends in Interior Alaska (1979â€“2009). , 2011, , .		0