Alisa L Gallant

List of Publications by Year
in descending order

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22	1,632	567281 15	794594 19
papers	citations	h-index	g-index

27	27	27	2220
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved wetland remote sensing in Yellowstone National Park using classification trees to combine TM imagery and ancillary environmental data. Remote Sensing of Environment, 2007, 107, 582-605.	11.0	202
2	The Challenges of Remote Monitoring of Wetlands. Remote Sensing, 2015, 7, 10938-10950.	4.0	193
3	Influence of Multi-Source and Multi-Temporal Remotely Sensed and Ancillary Data on the Accuracy of Random Forest Classification of Wetlands in Northern Minnesota. Remote Sensing, 2013, 5, 3212-3238.	4.0	179
4	Perspectives on monitoring gradual change across the continuity of Landsat sensors using time-series data. Remote Sensing of Environment, 2016, 185, 258-270.	11.0	150
5	Optimizing selection of training and auxiliary data for operational land cover classification for the LCMAP initiative. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 122, 206-221.	11.1	124
6	Global Rates of Habitat Loss and Implications for Amphibian Conservation. Copeia, 2007, 2007, 967-979.	1.3	115
7	Predicting impacts of increased CO2 and climate change on the water cycle and water quality in the semiarid James River Basin of the Midwestern USA. Science of the Total Environment, 2012, 430, 150-160.	8.0	74
8	Mapping Large-Area Landscape Suitability for Honey Bees to Assess the Influence of Land-Use Change on Sustainability of National Pollination Services. PLoS ONE, 2014, 9, e99268.	2.5	71
9	LAND USE AND LAND COVER CHANGE IN THE GREATER YELLOWSTONE ECOSYSTEM: 1975â€“1995. , 2003, 13, 687-703.		70
10	VEGETATION DYNAMICS UNDER FIRE EXCLUSION AND LOGGING IN A ROCKY MOUNTAIN WATERSHED, 1856â€“1996. , 2003, 13, 385-403.		59
11	Past role and future outlook of the Conservation Reserve Program for supporting honey bees in the Great Plains. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7629-7634.	7.1	49
12	Monitoring Landscape Dynamics in Central U.S. Grasslands with Harmonized Landsat-8 and Sentinel-2 Time Series Data. Remote Sensing, 2019, 11, 328.	4.0	43
13	The Characteristics and Interpretability of Land Surface Change and Implications for Project Design. Photogrammetric Engineering and Remote Sensing, 2004, 70, 439-448.	0.6	41
14	Detecting Emergence, Growth, and Senescence of Wetland Vegetation with Polarimetric Synthetic Aperture Radar (SAR) Data. Water (Switzerland), 2014, 6, 694-722.	2.7	35
15	Mine Spoil Prairies Expand Critical Habitat for Endangered and Threatened Amphibian and Reptile Species. Diversity, 2009, 1, 118-132.	1.7	31
16	What You Should Know About Land-Cover Data. Journal of Wildlife Management, 2009, 73, 796-805.	1.8	20
17	Evaluation of the Initial Thematic Output from a Continuous Change-Detection Algorithm for Use in Automated Operational Land-Change Mapping by the U.S. Geological Survey. Remote Sensing, 2016, 8, 811.	4.0	17
18	Multi-year data from satellite- and ground-based sensors show details and scale matter in assessing climateâ€™s effects on wetland surface water, amphibians, and landscape conditions. PLoS ONE, 2018, 13, e0201951.	2.5	9

#	Article	IF	Citations
19	Landscape characterization of floral resources for pollinators in the Prairie Pothole Region of the United States. Biodiversity and Conservation, 2021, 30, 1991-2015.	2.6	9
20	Challenges in Complementing Data from Ground-Based Sensors with Satellite-Derived Products to Measure Ecological Changes in Relation to Climateâ€"Lessons from Temperate Wetland-Upland Landscapes. Sensors, 2018, 18, 880.	3.8	8
21	Predicting breeding habitat for amphibians: a spatiotemporal analysis across Yellowstone National Park. , 2011, 21, 2530-2547.		6
22	Indicators of the Statuses of Amphibian Populations and Their Potential for Exposure to Atrazine in Four Midwestern U.S. Conservation Areas. PLoS ONE, 2014, 9, e107018.	2.5	1