

Javier Lopatin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

621
citations

759233

12
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1013
citing authors

#	ARTICLE	IF	CITATIONS
1	UAV data as alternative to field sampling to map woody invasive species based on combined Sentinel-1 and Sentinel-2 data. <i>Remote Sensing of Environment</i> , 2019, 227, 61-73.	11.0	151
2	Comparing Generalized Linear Models and random forest to model vascular plant species richness using LiDAR data in a natural forest in central Chile. <i>Remote Sensing of Environment</i> , 2016, 173, 200-210.	11.0	122
3	Mapping plant species in mixed grassland communities using close range imaging spectroscopy. <i>Remote Sensing of Environment</i> , 2017, 201, 12-23.	11.0	70
4	How canopy shadow affects invasive plant species classification in high spatial resolution remote sensing. <i>Remote Sensing in Ecology and Conservation</i> , 2019, 5, 302-317.	4.3	52
5	Monitoring Andean high altitude wetlands in central Chile with seasonal optical data: A comparison between Worldview-2 and Sentinel-2 imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 145, 213-224.	11.1	44
6	Linking plant strategies and plant traits derived by radiative transfer modelling. <i>Journal of Vegetation Science</i> , 2017, 28, 717-727.	2.2	43
7	Disentangling effects of climate and land-use change on West African drylands's forage supply. <i>Global Environmental Change</i> , 2018, 53, 24-38.	7.8	28
8	Using aboveground vegetation attributes as proxies for mapping peatland belowground carbon stocks. <i>Remote Sensing of Environment</i> , 2019, 231, 111217.	11.0	27
9	Using a Multistructural Object-Based LiDAR Approach to Estimate Vascular Plant Richness in Mediterranean Forests With Complex Structure. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1008-1012.	3.1	25
10	Predicting Vascular Plant Diversity in Anthropogenic Peatlands: Comparison of Modeling Methods with Free Satellite Data. <i>Remote Sensing</i> , 2017, 9, 681.	4.0	18
11	Biotic and abiotic drivers of carbon, nitrogen and phosphorus stocks in a temperate rainforest. <i>Forest Ecology and Management</i> , 2021, 494, 119341.	3.2	17
12	Using Sentinel-2 and canopy height models to derive a landscape-level biomass map covering multiple vegetation types. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 94, 102236.	2.8	15
13	PILOT STUDY ON THE RETRIEVAL OF DBH AND DIAMETER DISTRIBUTION OF DECIDUOUS FOREST STANDS USING CAST SHADOWS IN UAV-BASED ORTHOMOSAICS. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, IV-1, 93-99.	0.0	7
14	Disturbance alters relationships between soil carbon pools and aboveground vegetation attributes in an anthropogenic peatland in Patagonia. <i>Ecology and Evolution</i> , 2022, 12, e8694.	1.9	2
15	Linking plant strategies (CSR) and remotely sensed plant traits. , 2016, , .		0