Javier Lopatin

List of Publications by Year
in descending order

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