Valerie J Pasquarella

List of Publications by Year
in descending order

18 papers	500 citations	1040056 9 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	748 citing authors

#	Article	IF	Citations
1	Improved mapping of forest type using spectral-temporal Landsat features. Remote Sensing of Environment, 2018, 210, 193-207.	11.0	107
2	From imagery to ecology: leveraging time series of all available Landsat observations to map and monitor ecosystem state and dynamics. Remote Sensing in Ecology and Conservation, 2016, 2, 152-170.	4.3	89
3	Incorporating climate change into invasive species management: insights from managers. Biological Invasions, 2020, 22, 233-252.	2.4	83
4	Dynamics of a fringe mangrove forest detected by Landsat images in the Mekong River Delta, Vietnam. Earth Surface Processes and Landforms, 2016, 41, 2024-2037.	2.5	42
5	Near-Real-Time Monitoring of Insect Defoliation Using Landsat Time Series. Forests, 2017, 8, 275.	2.1	42
6	Extensive gypsy moth defoliation in Southern New England characterized using Landsat satellite observations. Biological Invasions, 2018, 20, 3047-3053.	2.4	33
7	Characterizing urban landscapes using fuzzy sets. Computers, Environment and Urban Systems, 2016, 57, 212-223.	7.1	21
8	Defoliated trees die below a critical threshold of stored carbon. Functional Ecology, 2021, 35, 2156-2167.	3.6	16
9	Relating Aerial Deposition of Entomophaga maimaiga Conidia (Zoopagomycota: Entomophthorales) to Mortality of Gypsy Moth (Lepidoptera: Erebidae) Larvae and Nearby Defoliation. Environmental Entomology, 2019, 48, 1214-1222.	1.4	13
10	Demystifying LandTrendr and CCDC temporal segmentation. International Journal of Applied Earth Observation and Geoinformation, 2022, 110, 102806.	1.9	13
11	Landscape characteristics of non‐native pine plantations and invasions in Southern Chile. Austral Ecology, 2019, 44, 1213-1224.	1.5	8
12	Predicting defoliator abundance and defoliation measurements using Landsat‐based condition scores. Remote Sensing in Ecology and Conservation, 2021, 7, 592-609.	4.3	7
13	MIDAS: A Spatial Decision Support System for Monitoring Marine Management Areas. International Regional Science Review, 2011, 34, 191-214.	2.1	6
14	Modeling Coastal and Marine Environmental Risks in Belize: the Marine Integrated Decision Analysis System (MIDAS). Coastal Management, 2015, 43, 217-237.	2.0	6
15	Differences in landscape drivers of garlic mustard invasion within and across ecoregions. Biological Invasions, 2019, 21, 1249-1258.	2.4	5
16	Defoliation severity is positively related to soil solution nitrogen availability and negatively related to soil nitrogen concentrations following a multi-year invasive insect irruption. AoB PLANTS, 2020, 12, plaa059.	2.3	5
17	Impacts of a regional multiyear insect defoliation event on growing‐season runoff ratios and instantaneous streamflow characteristics. Ecohydrology, 2021, 14, e2332.	2.4	3
18	Extending coverage and thematic resolution of compositional land cover maps in a hierarchical Bayesian framework. Ecological Applications, 2021, 31, e02318.	3.8	1