Paul Magdon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8989557/publications.pdf

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22	802	759233 12	677142 22
papers	citations	h-index	g-index

23	23	23	1528
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding Forest Health with Remote Sensing -Part Iâ€"A Review of Spectral Traits, Processes and Remote-Sensing Characteristics. Remote Sensing, 2016, 8, 1029.	4.0	138
2	Estimating aboveground carbon in a catchment of the Siberian forest tundra: Combining satellite imagery and field inventory. Remote Sensing of Environment, 2009, 113, 518-531.	11.0	133
3	Understanding Forest Health with Remote Sensing-Part IIâ€"A Review of Approaches and Data Models. Remote Sensing, 2017, 9, 129.	4.0	110
4	Heterogeneityâ€"diversity relationships differ between and within trophic levels in temperate forests. Nature Ecology and Evolution, 2020, 4, 1204-1212.	7.8	76
5	Radar vision in the mapping of forest biodiversity from space. Nature Communications, 2019, 10, 4757.	12.8	66
6	Landscape controls of CH₄ fluxes in a catchment of the forest tundra ecotone in northern Siberia. Global Change Biology, 2008, 14, 2040-2056.	9.5	51
7	Canopy penetration depth estimation with TanDEM-X and its compensation in temperate forests. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 147, 232-241.	11.1	40
8	Translating criteria of international forest definitions into remote sensing image analysis. Remote Sensing of Environment, 2014, 149, 252-262.	11.0	30
9	Deriving Stand Structural Complexity from Airborne Laser Scanning Dataâ€"What Does It Tell Us about a Forest?. Remote Sensing, 2020, 12, 1854.	4.0	22
10	Uncertainties of forest area estimates caused by the minimum crown cover criterion. Environmental Monitoring and Assessment, 2013, 185, 5345-5360.	2.7	20
11	Canopy height estimation with TanDEM-X in temperate and boreal forests. International Journal of Applied Earth Observation and Geoinformation, 2019, 82, 101904.	2.8	19
12	On the site-level suitability of biomass models. Environmental Modelling and Software, 2015, 73, 14-26.	4.5	14
13	Analyzing the relationship between historic canopy dynamics and current plant species diversity in the herb layer of temperate forests using long-term Landsat time series. Remote Sensing of Environment, 2019, 232, 111305.	11.0	12
14	Scale-guided mapping of forest stand structural heterogeneity from airborne LiDAR. Ecological Indicators, 2019, 102, 410-425.	6.3	12
15	Improving precision of field inventory estimation of aboveground biomass through an alternative view on plot biomass. Forest Ecosystems, 2020, 7, .	3.1	9
16	Evaluating the Potential of ALS Data to Increase the Efficiency of Aboveground Biomass Estimates in Tropical Peatâ€"Swamp Forests. Remote Sensing, 2018, 10, 1344.	4.0	8
17	Dispersal ability, trophic position and body size mediate species turnover processes: Insights from a multiâ€taxa and multiâ€scale approach. Diversity and Distributions, 2021, 27, 439-453.	4.1	8
18	Land-use intensity and landscape structure drive the acoustic composition of grasslands. Agriculture, Ecosystems and Environment, 2022, 328, 107845.	5.3	8

#	Article	IF	Citations
19	RSDB: an easy to deploy openâ€source web platform for remote sensing raster and point cloud data management, exploration and processing. Ecography, 2021, 44, 414-426.	4.5	6
20	A Range of Earth Observation Techniques for Assessing Plant Diversity. , 2020, , 309-348.		6
21	CanopyShotNoise â€“ An individual-based tree canopy modelling framework for projecting remote-sensing data and ecological sensitivity analysis. International Journal of Remote Sensing, 2021, 42, 6837-6865.	2.9	5
22	The Horizontal Distribution of Branch Biomass in European Beech: A Model Based on Measurements and TLS Based Proxies. Remote Sensing, 2021, 13, 1041.	4.0	4