

Petra D'Odorico

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2372886/publications.pdf>

Version: 2024-02-01

22
papers

1,011
citations

566801

15
h-index

676716

22
g-index

23
all docs

23
docs citations

23
times ranked

1684
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced radiometry measurements and Earth science applications with the Airborne Prism Experiment (APEX). <i>Remote Sensing of Environment</i> , 2015, 158, 207-219.	4.6	154
2	Global parameterization and validation of a two-leaf light use efficiency model for predicting gross primary production across FLUXNET sites. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1045-1072.	1.3	93
3	APEX - the Hyperspectral ESA Airborne Prism Experiment. <i>Sensors</i> , 2008, 8, 6235-6259.	2.1	85
4	The match and mismatch between photosynthesis and land surface phenology of deciduous forests. <i>Agricultural and Forest Meteorology</i> , 2015, 214-215, 25-38.	1.9	80
5	Carotenoid based vegetation indices for accurate monitoring of the phenology of photosynthesis at the leaf-scale in deciduous and evergreen trees. <i>Remote Sensing of Environment</i> , 2019, 233, 111407.	4.6	80
6	Deriving land surface phenology indicators from CO2 eddy covariance measurements. <i>Ecological Indicators</i> , 2013, 29, 203-207.	2.6	78
7	Intercomparison of fraction of absorbed photosynthetically active radiation products derived from satellite data over Europe. <i>Remote Sensing of Environment</i> , 2014, 142, 141-154.	4.6	71
8	High-throughput drone-based remote sensing reliably tracks phenology in thousands of conifer seedlings. <i>New Phytologist</i> , 2020, 226, 1667-1681.	3.5	51
9	Measuring fractional forest canopy element cover and openness – definitions and methodologies revisited. <i>Oikos</i> , 2013, 122, 1283-1291.	1.2	50
10	Canopy photosynthesis of six major arable crops is enhanced under diffuse light due to canopy architecture. <i>Global Change Biology</i> , 2020, 26, 5164-5177.	4.2	48
11	Tracking the phenology of photosynthesis using carotenoid-sensitive and near-infrared reflectance vegetation indices in a temperate evergreen and mixed deciduous forest. <i>New Phytologist</i> , 2020, 226, 1682-1695.	3.5	46
12	Light and VPD gradients drive foliar nitrogen partitioning and photosynthesis in the canopy of European beech and silver fir. <i>Oecologia</i> , 2020, 192, 323-339.	0.9	39
13	Drone-based physiological index reveals long-term acclimation and drought stress responses in trees. <i>Plant, Cell and Environment</i> , 2021, 44, 3552-3570.	2.8	25
14	Integrated management of a Swiss cropland is not sufficient to preserve its soil carbon pool in the long term. <i>Biogeosciences</i> , 2018, 15, 5377-5393.	1.3	24
15	Citizen science: best practices to remove observer bias in trend analysis. <i>International Journal of Biometeorology</i> , 2014, 58, 2159-2163.	1.3	22
16	Changes in vegetation phenology are not reflected in Atmospheric CO_2 and C_{13} seasonality. <i>Global Change Biology</i> , 2017, 23, 4029-4044.	4.2	15
17	Vertical patterns of photosynthesis and related leaf traits in two contrasting agricultural crops. <i>Functional Plant Biology</i> , 2019, 46, 213.	1.1	13
18	Photosynthetic acclimation and sensitivity to short- and long-term environmental changes in a drought-prone forest. <i>Journal of Experimental Botany</i> , 2022, 73, 2576-2588.	2.4	12

#	ARTICLE	IF	CITATIONS
19	Underestimated role of East Atlantic-West Russia pattern on Amazon vegetation productivity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1054-5.	3.3	7
20	Estimating cropland carbon fluxes: A process-based model evaluation at a Swiss crop-rotation site. Field Crops Research, 2019, 234, 95-106.	2.3	7
21	Accounting for foliar gradients in Vcmax and Jmax improves estimates of net CO2 exchange of forests. Agricultural and Forest Meteorology, 2022, 314, 108771.	1.9	5
22	Combining Spectral, Spatial-Contextual, and Structural Information in Multispectral UAV Data for Spruce Crown Delineation. Remote Sensing, 2022, 14, 2044.	1.8	2