

# Petra D Odorico

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

633

citations

13

h-index

23

g-index

23

ext. papers

816

ext. citations

7.2

avg, IF

4.05

L-index

#	Paper	IF	Citations
22	Accounting for foliar gradients in Vcmax and Jmax improves estimates of net CO2 exchange of forests. <i>Agricultural and Forest Meteorology</i> , <b>2022</b> , 314, 108771	5.8	0
21	Combining Spectral, Spatial-Contextual, and Structural Information in Multispectral UAV Data for Spruce Crown Delineation. <i>Remote Sensing</i> , <b>2022</b> , 14, 2044	5	
20	Drone-based physiological index reveals long-term acclimation and drought stress responses in trees. <i>Plant, Cell and Environment</i> , <b>2021</b> , 44, 3552-3570	8.4	2
19	Canopy photosynthesis of six major arable crops is enhanced under diffuse light due to canopy architecture. <i>Global Change Biology</i> , <b>2020</b> , 26, 5164-5177	11.4	23
18	High-throughput drone-based remote sensing reliably tracks phenology in thousands of conifer seedlings. <i>New Phytologist</i> , <b>2020</b> , 226, 1667-1681	9.8	31
17	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> , <b>2020</b> , 226, 1682-1695	9.8	21
16	Light and VPD gradients drive foliar nitrogen partitioning and photosynthesis in the canopy of European beech and silver fir. <i>Oecologia</i> , <b>2020</b> , 192, 323-339	2.9	13
15	Estimating cropland carbon fluxes: A process-based model evaluation at a Swiss crop-rotation site. <i>Field Crops Research</i> , <b>2019</b> , 234, 95-106	5.5	3
14	Vertical patterns of photosynthesis and related leaf traits in two contrasting agricultural crops. <i>Functional Plant Biology</i> , <b>2019</b> , 46, 213-227	2.7	8
13	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> , <b>2019</b> , 233, 111407	13.2	41
12	Integrated management of a Swiss cropland is not sufficient to preserve its soil carbon pool in the long term. <i>Biogeosciences</i> , <b>2018</b> , 15, 5377-5393	4.6	12
11	Changes in vegetation phenology are not reflected in atmospheric CO and C/ C seasonality. <i>Global Change Biology</i> , <b>2017</b> , 23, 4029-4044	11.4	14
10	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> , <b>2016</b> , 121, 1045-1072	3.7	59
9	Underestimated role of East Atlantic-West Russia pattern on Amazon vegetation productivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E1054-5	11.5	6
8	The match and mismatch between photosynthesis and land surface phenology of deciduous forests. <i>Agricultural and Forest Meteorology</i> , <b>2015</b> , 214-215, 25-38	5.8	56
7	Advanced radiometry measurements and Earth science applications with the Airborne Prism Experiment (APEX). <i>Remote Sensing of Environment</i> , <b>2015</b> , 158, 207-219	13.2	117
6	Intercomparison of fraction of absorbed photosynthetically active radiation products derived from satellite data over Europe. <i>Remote Sensing of Environment</i> , <b>2014</b> , 142, 141-154	13.2	62

5	Citizen science: best practices to remove observer bias in trend analysis. <i>International Journal of Biometeorology</i> , <b>2014</b> , 58, 2159-63	3.7	18
4	Deriving land surface phenology indicators from CO2 eddy covariance measurements. <i>Ecological Indicators</i> , <b>2013</b> , 29, 203-207	5.8	48
3	Measuring fractional forest canopy element cover and openness - definitions and methodologies revisited. <i>Oikos</i> , <b>2013</b> , 122, 1283-1291	4	35
2	APEX - the Hyperspectral ESA Airborne Prism Experiment. <i>Sensors</i> , <b>2008</b> , 8, 6235-6259	3.8	63
1	Photosynthetic acclimation and sensitivity to short- and long-term environmental changes		1