

Edoardo Cremonese

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5606340/edoardo-cremonese-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

40
papers

1,263
citations

18
h-index

35
g-index

69
ext. papers

1,856
ext. citations

7.1
avg, IF

3.67
L-index

#	Paper	IF	Citations
40	Contrasting responses of forest growth and carbon sequestration to heat and drought in the Alps. <i>Environmental Research Letters</i> , 2022 , 17, 045015	6.2	0
39	On the distribution and productivity of mountain grasslands in the Gran Paradiso National Park, NW Italy: A remote sensing approach. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022 , 108, 102718	7.3	2
38	Global maps of soil temperature.. <i>Global Change Biology</i> , 2021 ,	11.4	8
37	Learning about precipitation lapse rates from snow course data improves water balance modeling. <i>Hydrology and Earth System Sciences</i> , 2021 , 25, 2109-2131	5.5	6
36	Global transpiration data from sap flow measurements: the SAPFLUXNET database. <i>Earth System Science Data</i> , 2021 , 13, 2607-2649	10.5	13
35	The three major axes of terrestrial ecosystem function. <i>Nature</i> , 2021 , 598, 468-472	50.4	8
34	The tempo of greening in the European Alps: Spatial variations on a common theme. <i>Global Change Biology</i> , 2021 , 27, 5614-5628	11.4	6
33	Retrieval and validation of forest background reflectivity from daily Moderate Resolution Imaging Spectroradiometer (MODIS) bidirectional reflectance distribution function (BRDF) data across European forests. <i>Biogeosciences</i> , 2021 , 18, 621-635	4.6	8
32	Uncovering the critical soil moisture thresholds of plant water stress for European ecosystems.. <i>Global Change Biology</i> , 2021 ,	11.4	5
31	Nutrients and water availability constrain the seasonality of vegetation activity in a Mediterranean ecosystem. <i>Global Change Biology</i> , 2020 , 26, 4379-4400	11.4	11
30	Sensitivity of snow models to the accuracy of meteorological forcings in mountain environments. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 4061-4090	5.5	9
29	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. <i>Scientific Data</i> , 2020 , 7, 225	8.2	256
28	Altered energy partitioning across terrestrial ecosystems in the European drought year 2018. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20190524	5.8	18
27	Sensitivity of gross primary productivity to climatic drivers during the summer drought of 2018 in Europe. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20190747	5.8	23
26	SoilTemp: A global database of near-surface temperature. <i>Global Change Biology</i> , 2020 , 26, 6616-6629	11.4	47
25	Ecophysiological Responses to Rainfall Variability in Grassland and Forests Along a Latitudinal Gradient in Italy. <i>Frontiers in Forests and Global Change</i> , 2019 , 2,	3.7	6
24	Saharan dust events in the European Alps: role in snowmelt and geochemical characterization. <i>Cryosphere</i> , 2019 , 13, 1147-1165	5.5	29

23	An Enkf-Based Scheme for Snow Multivariable Data Assimilation at an Alpine Site. <i>Journal of Hydrology and Hydromechanics</i> , 2019 , 67, 4-19	2.1	7
22	Climatic Drivers of Greening Trends in the Alps. <i>Remote Sensing</i> , 2019 , 11, 2527	5	20
21	Using Near-Infrared-Enabled Digital Repeat Photography to Track Structural and Physiological Phenology in Mediterranean TreeGrass Ecosystems. <i>Remote Sensing</i> , 2018 , 10, 1293	5	43
20	Towards long-term standardised carbon and greenhouse gas observations for monitoring European terrestrial ecosystems: a review. <i>International Agrophysics</i> , 2018 , 32, 439-455	2	39
19	Assimilating phenology datasets automatically across ICOS ecosystem stations. <i>International Agrophysics</i> , 2018 , 32, 677-687	2	11
18	NDVI derived from near-infrared-enabled digital cameras: Applicability across different plant functional types. <i>Agricultural and Forest Meteorology</i> , 2018 , 249, 275-285	5.8	44
17	Contribution of advection to nighttime ecosystem respiration at a mountain grassland in complex terrain. <i>Agricultural and Forest Meteorology</i> , 2017 , 237-238, 270-281	5.8	7
16	Heat wave hinders green wave: The impact of climate extreme on the phenology of a mountain grassland. <i>Agricultural and Forest Meteorology</i> , 2017 , 247, 320-330	5.8	40
15	'Hearing' alpine plants growing after snowmelt: ultrasonic snow sensors provide long-term series of alpine plant phenology. <i>International Journal of Biometeorology</i> , 2017 , 61, 349-361	3.7	15
14	Assessing Crop Coefficients for Natural Vegetated Areas Using Satellite Data and Eddy Covariance Stations. <i>Sensors</i> , 2017 , 17,	3.8	13
13	Phenopix: A R package for image-based vegetation phenology. <i>Agricultural and Forest Meteorology</i> , 2016 , 220, 141-150	5.8	93
12	Hummocks affect soil properties and soil-vegetation relationships in a subalpine grassland (North-Western Italian Alps). <i>Catena</i> , 2016 , 145, 214-226	5.8	13
11	Influence of physiological phenology on the seasonal pattern of ecosystem respiration in deciduous forests. <i>Global Change Biology</i> , 2015 , 21, 363-76	11.4	41
10	Interpreting canopy development and physiology using a European phenology camera network at flux sites. <i>Biogeosciences</i> , 2015 , 12, 5995-6015	4.6	77
9	Five years of phenological monitoring in a mountain grassland: inter-annual patterns and evaluation of the sampling protocol. <i>International Journal of Biometeorology</i> , 2015 , 59, 1927-37	3.7	24
8	Warming permafrost and active layer variability at Cime Bianche, Western European Alps. <i>Cryosphere</i> , 2015 , 9, 647-661	5.5	29
7	Carbon, Water and Energy Fluxes of Terrestrial Ecosystems in Italy. <i>Environmental Science and Engineering</i> , 2015 , 11-45	0.2	5
6	Using digital camera images to analyse snowmelt and phenology of a subalpine grassland. <i>Agricultural and Forest Meteorology</i> , 2014 , 198-199, 116-125	5.8	58

5	Remote estimation of grassland gross primary production during extreme meteorological seasons. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014 , 29, 1-10	7.3	25
4	Tradeoffs between global warming and day length on the start of the carbon uptake period in seasonally cold ecosystems. <i>Geophysical Research Letters</i> , 2013 , 40, 6136-6142	4.9	12
3	Using digital repeat photography and eddy covariance data to model grassland phenology and photosynthetic CO ₂ uptake. <i>Agricultural and Forest Meteorology</i> , 2011 , 151, 1325-1337	5.8	154
2	Interpreting canopy development and physiology using the EUROPhen camera network at flux sites		12
1	Global transpiration data from sap flow measurements: the SAPFLUXNET database		6