

Gianluca Filippa

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.

38
papers

1,354
citations

20
h-index

36
g-index

49
ext. papers

1,835
ext. citations

6.4
avg, IF

4.02
L-index

#	Paper	IF	Citations
38	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
37	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
36	Using UAV Imagery to Detect and Map Woody Species Encroachment in a Subalpine Grassland: Advantages and Limits. <i>Remote Sensing</i> , 2021 , 13, 1239	5	5
35	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
34	The three major axes of terrestrial ecosystem function. <i>Nature</i> , 2021 , 598, 468-472	50.4	8
33	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
32	Solar UV Irradiance in a Changing Climate: Trends in Europe and the Significance of Spectral Monitoring in Italy. <i>Environments - MDPI</i> , 2020 , 7, 1	3.2	31
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	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. <i>Scientific Data</i> , 2020 , 7, 225	8.2	256
29	Saharan dust events in the European Alps: role in snowmelt and geochemical characterization. <i>Cryosphere</i> , 2019 , 13, 1147-1165	5.5	29
28	Climatic Drivers of Greening Trends in the Alps. <i>Remote Sensing</i> , 2019 , 11, 2527	5	20
27	Decomposition processes interacting with microtopography maintain ecosystem heterogeneity in a subalpine grassland. <i>Plant and Soil</i> , 2019 , 434, 379-395	4.2	3
26	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
25	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
24	Assimilating phenology datasets automatically across ICOS ecosystem stations. <i>International Agrophysics</i> , 2018 , 32, 677-687	2	11
23	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
22	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

21	Using data from Landsat, MODIS, VIIRS and PhenoCams to monitor the phenology of California oak/grass savanna and open grassland across spatial scales. <i>Agricultural and Forest Meteorology</i> , 2017 , 237-238, 311-325	5.8	96
20	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
19	'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
18	Phenopix: A R package for image-based vegetation phenology. <i>Agricultural and Forest Meteorology</i> , 2016 , 220, 141-150	5.8	93
17	Extracting Plant Phenology Metrics in a Great Basin Watershed: Methods and Considerations for Quantifying Phenophases in a Cold Desert. <i>Sensors</i> , 2016 , 16,	3.8	14
16	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
15	Soil evolution after land-reshaping in mountains areas (Aosta Valley, NW Italy). <i>Agriculture, Ecosystems and Environment</i> , 2015 , 199, 238-248	5.7	18
14	Interpreting canopy development and physiology using a European phenology camera network at flux sites. <i>Biogeosciences</i> , 2015 , 12, 5995-6015	4.6	77
13	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
12	Warming permafrost and active layer variability at Cime Bianche, Western European Alps. <i>Cryosphere</i> , 2015 , 9, 647-661	5.5	29
11	Vegetation influence on soil formation rate in a proglacial chronosequence (Lys Glacier, NW Italian Alps). <i>Catena</i> , 2014 , 113, 122-137	5.8	75
10	Winter-spring transition induces changes in nutrients and microbial biomass in mid-alpine forest soils. <i>Soil Biology and Biochemistry</i> , 2014 , 78, 54-57	7.5	9
9	Soil C and N response to changes in winter precipitation in a subalpine forest ecosystem, NW Italy. <i>Hydrological Processes</i> , 2014 , 28, 5309-5321	3.3	7
8	Differential responses of ground dwelling arthropods to ski-piste restoration by hydroseeding. <i>Biodiversity and Conservation</i> , 2013 , 22, 2607-2634	3.4	10
7	Response of soil organic and inorganic nutrients in alpine soils to a 16-year factorial snow and N-fertilization experiment, Colorado Front Range, USA. <i>Applied Soil Ecology</i> , 2012 , 62, 131-141	5	28
6	Soil Erosion Caused by Snow Avalanches: a Case Study in the Aosta Valley (NW Italy). <i>Arctic, Antarctic, and Alpine Research</i> , 2010 , 42, 412-421	1.8	27
5	Major element chemistry in inner alpine snowpacks (Aosta Valley Region, NW Italy). <i>Cold Regions Science and Technology</i> , 2010 , 64, 158-166	3.8	21
4	Process-level controls on CO ₂ fluxes from a seasonally snow-covered subalpine meadow soil, Niwot Ridge, Colorado. <i>Biogeochemistry</i> , 2009 , 95, 151-166	3.8	89

3	Winter and summer nitrous oxide and nitrogen oxides fluxes from a seasonally snow-covered subalpine meadow at Niwot Ridge, Colorado. <i>Biogeochemistry</i> , 2009 , 95, 131-149	3.8	37
2	Persistent organic pollutants in boreal and montane soil profiles: distribution, evidence of processes and implications for global cycling. <i>Environmental Science & Technology</i> , 2008 , 42, 8374-80 ^{10.3}		78
1	Interpreting canopy development and physiology using the EUROPhen camera network at flux sites		12