

Giovanni Forzieri

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.

30
papers

1,418
citations

15
h-index

37
g-index

38
ext. papers

1,880
ext. citations

10.7
avg, IF

4.8
L-index

#	Paper	IF	Citations
30	Vegetation-based climate mitigation in a warmer and greener World.. <i>Nature Communications</i> , 2022 , 13, 606	17.4	4
29	EU-Trees4F, a dataset on the future distribution of European tree species.. <i>Scientific Data</i> , 2022 , 9, 37	8.2	1
28	Emergent vulnerability to climate-driven disturbances in European forests. <i>Nature Communications</i> , 2021 , 12, 1081	17.4	35
27	How will the progressive global increase of arid areas affect population and land-use in the 21st century?. <i>Global and Planetary Change</i> , 2021 , 205, 103597	4.2	3
26	Increased control of vegetation on global terrestrial energy fluxes. <i>Nature Climate Change</i> , 2020 , 10, 356-362	21.4	55
25	A spatially explicit database of wind disturbances in European forests over the period 2000-2018. <i>Earth System Science Data</i> , 2020 , 12, 257-276	10.5	30
24	Clouds damp the radiative impacts of polar sea ice loss. <i>Cryosphere</i> , 2020 , 14, 2673-2686	5.5	12
23	Wind amplifies the polar sea ice retreat. <i>Environmental Research Letters</i> , 2020 , 15, 124022	6.2	10
22	Potential Impact of Climate Change on the Forest Coverage and the Spatial Distribution of 19 Key Forest Tree Species in Italy under RCP4.5 IPCC Trajectory for 2050s. <i>Forests</i> , 2020 , 11, 934	2.8	7
21	Evaluating the Interplay Between Biophysical Processes and Leaf Area Changes in Land Surface Models. <i>Journal of Advances in Modeling Earth Systems</i> , 2018 , 10, 1102-1126	7.1	12
20	Response to Comment on "Satellites reveal contrasting responses of regional climate to the widespread greening of Earth". <i>Science</i> , 2018 , 360,	33.3	13
19	Biophysics and vegetation cover change: a process-based evaluation framework for confronting land surface models with satellite observations. <i>Earth System Science Data</i> , 2018 , 10, 1265-1279	10.5	30
18	Escalating impacts of climate extremes on critical infrastructures in Europe. <i>Global Environmental Change</i> , 2018 , 48, 97-107	10.1	107
17	Satellites reveal contrasting responses of regional climate to the widespread greening of Earth. <i>Science</i> , 2017 , 356, 1180-1184	33.3	155
16	Increasing risk over time of weather-related hazards to the European population: a data-driven prognostic study. <i>Lancet Planetary Health</i> , 2017 , 1, e200-e208	9.8	127
15	Multi-hazard assessment in Europe under climate change. <i>Climatic Change</i> , 2016 , 137, 105-119	4.5	136
14	Global warming increases the frequency of river floods in Europe. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 2247-2260	5.5	262

13	Spatial and temporal variations in ecosystem response to monsoon precipitation variability in southwestern North America. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014 , 119, 1999-2017	3.7	20
12	Ensemble projections of future streamflow droughts in Europe. <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 85-108	5.5	162
11	Satellite retrieval of woody biomass for energetic reuse of riparian vegetation. <i>Biomass and Bioenergy</i> , 2012 , 36, 432-438	5.3	7
10	Assessment of hyperspectral MIVIS sensor capability for heterogeneous landscape classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012 , 74, 175-184	11.8	12
9	ES4LUCC: A GIS-tool for remotely monitoring landscape dynamics. <i>Computers and Geosciences</i> , 2012 , 49, 72-80	4.5	4
8	Satellite multispectral data for improved floodplain roughness modelling. <i>Journal of Hydrology</i> , 2011 , 407, 41-57	6	33
7	Scale-dependent relations in land cover biophysical dynamics. <i>Ecological Modelling</i> , 2011 , 222, 3285-3290	7.3	7
6	Vegetation Dynamics within the North American Monsoon Region. <i>Journal of Climate</i> , 2011 , 24, 1763-1783	11.4	45
5	Multiple attribute decision making for individual tree detection using high-resolution laser scanning. <i>Forest Ecology and Management</i> , 2009 , 258, 2501-2510	3.9	47
4	A methodology for the pre-selection of suitable sites for surface and underground small dams in arid areas: A case study in the region of Kidal, Mali. <i>Physics and Chemistry of the Earth</i> , 2008 , 33, 74-85	3	57
3	Biophysics and vegetation cover change: a process-based evaluation framework for confronting land surface models with satellite observations		3
2	Ensemble projections of future streamflow droughts in Europe		5
1	Global warming increases the frequency of river floods in Europe		13