

# Giovanni Forzieri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4904302/publications.pdf>

Version: 2024-02-01

28  
papers

2,456  
citations

331538

21  
h-index

501076

28  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global warming increases the frequency of river floods in Europe. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2247-2260.	1.9	360
2	Satellites reveal contrasting responses of regional climate to the widespread greening of Earth. <i>Science</i> , 2017, 356, 1180-1184.	6.0	266
3	Ensemble projections of future streamflow droughts in Europe. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 85-108.	1.9	211
4	Multi-hazard assessment in Europe under climate change. <i>Climatic Change</i> , 2016, 137, 105-119.	1.7	201
5	Increasing risk over time of weather-related hazards to the European population: a data-driven prognostic study. <i>Lancet Planetary Health</i> , The, 2017, 1, e200-e208.	5.1	192
6	Escalating impacts of climate extremes on critical infrastructures in Europe. <i>Global Environmental Change</i> , 2018, 48, 97-107.	3.6	177
7	Increased control of vegetation on global terrestrial energy fluxes. <i>Nature Climate Change</i> , 2020, 10, 356-362.	8.1	152
8	Emergent vulnerability to climate-driven disturbances in European forests. <i>Nature Communications</i> , 2021, 12, 1081.	5.8	139
9	Emerging signals of declining forest resilience under climate change. <i>Nature</i> , 2022, 608, 534-539.	13.7	132
10	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.	1.2	84
11	Multiple attribute decision making for individual tree detection using high-resolution laser scanning. <i>Forest Ecology and Management</i> , 2009, 258, 2501-2510.	1.4	54
12	Vegetation Dynamics within the North American Monsoon Region. <i>Journal of Climate</i> , 2011, 24, 1763-1783.	1.2	53
13	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.	3.7	52
14	Vegetation-based climate mitigation in a warmer and greener World. <i>Nature Communications</i> , 2022, 13, 606.	5.8	51
15	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.	3.7	46
16	Satellite multispectral data for improved floodplain roughness modelling. <i>Journal of Hydrology</i> , 2011, 407, 41-57.	2.3	39
17	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.	1.6	37
18	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.	1.3	26

#	ARTICLE	IF	CITATIONS
19	EU-Trees4F, a dataset on the future distribution of European tree species. <i>Scientific Data</i> , 2022, 9, 37.	2.4	23
20	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.	1.3	22
21	Response to Comment on "Satellites reveal contrasting responses of regional climate to the widespread greening of Earth". <i>Science</i> , 2018, 360, .	6.0	22
22	Wind amplifies the polar sea ice retreat. <i>Environmental Research Letters</i> , 2020, 15, 124022.	2.2	22
23	Clouds damp the radiative impacts of polar sea ice loss. <i>Cryosphere</i> , 2020, 14, 2673-2686.	1.5	19
24	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.	0.9	16
25	Assessment of hyperspectral MIVIS sensor capability for heterogeneous landscape classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012, 74, 175-184.	4.9	12
26	Satellite retrieval of woody biomass for energetic reuse of riparian vegetation. <i>Biomass and Bioenergy</i> , 2012, 36, 432-438.	2.9	10
27	Scale-dependent relations in land cover biophysical dynamics. <i>Ecological Modelling</i> , 2011, 222, 3285-3290.	1.2	9
28	ES4LUCC: A GIS-tool for remotely monitoring landscape dynamics. <i>Computers and Geosciences</i> , 2012, 49, 72-80.	2.0	5