Giovanni Forzieri

List of Publications by Citations

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	Global warming increases the frequency of river floods in Europe. *Hydrology and Earth System Sciences*, **2015**, 19, 2247-2260	5.5	262
29	Ensemble projections of future streamflow droughts in Europe. *Hydrology and Earth System Sciences*, **2014**, 18, 85-108	5.5	162
28	Satellites reveal contrasting responses of regional climate to the widespread greening of Earth. *Science*, **2017**, 356, 1180-1184	33.3	155
27	Multi-hazard assessment in Europe under climate change. *Climatic Change*, **2016**, 137, 105-119	4.5	136
26	Increasing risk over time of weather-related hazards to the European population: a data-driven prognostic study. *Lancet Planetary Health, The*, **2017**, 1, e200-e208	9.8	127
25	Escalating impacts of climate extremes on critical infrastructures in Europe. *Global Environmental Change*, **2018**, 48, 97-107	10.1	107
24	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. *Physics and Chemistry of the Earth*, **2008**, 33, 74-85	3	57
23	Increased control of vegetation on global terrestrial energy fluxes. *Nature Climate Change*, **2020**, 10, 356-362	21.4	55
22	Multiple attribute decision making for individual tree detection using high-resolution laser scanning. *Forest Ecology and Management*, **2009**, 258, 2501-2510	3.9	47
21	Vegetation Dynamics within the North American Monsoon Region. *Journal of Climate*, **2011**, 24, 1763-1783	4.4	45
20	Emergent vulnerability to climate-driven disturbances in European forests. *Nature Communications*, **2021**, 12, 1081	17.4	35
19	Satellite multispectral data for improved floodplain roughness modelling. *Journal of Hydrology*, **2011**, 407, 41-57	6	33
18	Biophysics and vegetation cover change: a process-based evaluation framework for confronting land surface models with satellite observations. *Earth System Science Data*, **2018**, 10, 1265-1279	10.5	30
17	A spatially explicit database of wind disturbances in European forests over the period 2000–2018. *Earth System Science Data*, **2020**, 12, 257-276	10.5	30
16	Spatial and temporal variations in ecosystem response to monsoon precipitation variability in southwestern North America. *Journal of Geophysical Research G: Biogeosciences*, **2014**, 119, 1999-2017	3.7	20
15	Response to Comment on "Satellites reveal contrasting responses of regional climate to the widespread greening of Earth". *Science*, **2018**, 360,	33.3	13
14	Global warming increases the frequency of river floods in Europe		13

List of Publications

13	Evaluating the Interplay Between Biophysical Processes and Leaf Area Changes in Land Surface Models. *Journal of Advances in Modeling Earth Systems*, **2018**, 10, 1102-1126	7.1	12
12	Assessment of hyperspectral MIVIS sensor capability for heterogeneous landscape classification. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2012**, 74, 175-184	11.8	12
11	Clouds damp the radiative impacts of polar sea ice loss. *Cryosphere*, **2020**, 14, 2673-2686	5.5	12
10	Wind amplifies the polar sea ice retreat. *Environmental Research Letters*, **2020**, 15, 124022	6.2	10
9	Satellite retrieval of woody biomass for energetic reuse of riparian vegetation. *Biomass and Bioenergy*, **2012**, 36, 432-438	5.3	7
8	Scale-dependent relations in land cover biophysical dynamics. *Ecological Modelling*, **2011**, 222, 3285-3290	3	7
7	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. *Forests*, **2020**, 11, 934	2.8	7
6	Ensemble projections of future streamflow droughts in Europe		5
5	ES4LUCC: A GIS-tool for remotely monitoring landscape dynamics. *Computers and Geosciences*, **2012** , 49, 72-80	4.5	4
4	Vegetation-based climate mitigation in a warmer and greener World.. *Nature Communications*, **2022** , 13, 606	17.4	4
3	Biophysics and vegetation cover change: a process-based evaluation framework for confronting land surface models with satellite observations		3
2	How will the progressive global increase of arid areas affect population and land-use in the 21st century?. *Global and Planetary Change*, **2021**, 205, 103597	4.2	3
1	EU-Trees4F, a dataset on the future distribution of European tree species.. *Scientific Data*, **2022**, 9, 37	8.2	1