Francesco Faccini

List of Publications by Year
in descending order

61 papers	1,264 citations	331670 21 h-index	434195 31 g-index
79 all docs	79 docs citations	79 times ranked	916 citing authors

#	Article	IF	Citations
1	Role of rainfall intensity and urban sprawl in the 2014 flash flood in Genoa City, Bisagno catchment (Liguria, Italy). Applied Geography, 2018, 98, 224-241.	3.7	75
2	GIS-Based Landslide Susceptibility Mapping for Land Use Planning and Risk Assessment. Land, 2021, 10, 162.	2.9	59
3	Geohydrological hazards and urban development in the Mediterranean area: an example from Genoa (Liguria, Italy). Natural Hazards and Earth System Sciences, 2015, 15, 2631-2652.	3.6	57
4	The Bisagno stream catchment (Genoa, Italy) and its major floods: geomorphic and land use variations in the last three centuries. Geomorphology, 2016, 273, 14-27.	2.6	50
5	Increased flash flooding in Genoa Metropolitan Area: a combination of climate changes and soil consumption?. Meteorology and Atmospheric Physics, 2019, 131, 1099-1110.	2.0	38
6	Environmental climatic maps of Liguria (Italy). Journal of Maps, 2012, 8, 199-207.	2.0	36
7	Bridging Terrestrial and Marine Geoheritage: Assessing Geosites in Portofino Natural Park (Italy). Water (Switzerland), 2019, 11, 2112.	2.7	34
8	Geomorphology of the Anthropocene in Mediterranean urban areas. Progress in Physical Geography, 2020, 44, 461-494.	3.2	34
9	Implementation of Nature-Based Solutions for Hydro-Meteorological Risk Reduction in Small Mediterranean Catchments: The Case of Portofino Natural Regional Park, Italy. Sustainability, 2020, 12, 1240.	3.2	32
10	Geoheritage map of the Portofino Natural Park (Italy). Journal of Maps, 2018, 14, 87-96.	2.0	30
11	A spatial multicriteria prioritizing approach for geo-hydrological risk mitigation planning in small and densely urbanized Mediterranean basins. Natural Hazards and Earth System Sciences, 2019, 19, 53-69.	3.6	30
12	Geomorphological hazard and tourist vulnerability along Portofino Park trails (Italy). Natural Hazards and Earth System Sciences, 2006, 6, 563-571.	3.6	29
13	Morphological changes and human impact in the Entella River floodplain (Northern Italy) from the 17th century. Catena, 2019, 182, 104122.	5.0	28
14	Rainfall Threshold for Shallow Landslides Initiation and Analysis of Long-Term Rainfall Trends in a Mediterranean Area. Atmosphere, 2020, 11, 1367.	2.3	28
15	Urban Geomorphology in Coastal Environment: Man-Made Morphological Changes in a Seaside Tourist Resort (Rapallo, Eastern Liguria, Italy). Quaestiones Geographicae, 2017, 36, 97-110.	1.1	28
16	Rainfall intensity in the Genoa Metropolitan Area: secular variations and consequences. Weather, 2018, 73, 356-362.	0.7	27
17	Heavy Rainfall Triggering Shallow Landslides: A Susceptibility Assessment by a GIS-Approach in a Ligurian Apennine Catchment (Italy). Water (Switzerland), 2019, 11, 605.	2.7	27
18	Large-scale landslide and deep-seated gravitational slope deformation of the Upper Scrivia Valley (Northern Apennine, Italy). Journal of Maps, 2016, 12, 344-358.	2.0	26

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19	Terraced Landscapes on Portofino Promontory (Italy): Identification, Geo-Hydrological Hazard and Management. Water (Switzerland), 2020, 12, 435.	2.7	26
20	Geomorphic processes and risk related to a large landslide dam in a highly urbanized Mediterranean catchment (Genova, Italy). Geomorphology, 2019, 327, 48-61.	2.6	23
21	Geomorphological hazards and monitoring activity along the western rocky coast of the Portofino Promontory (Italy). Quaternary International, 2007, 171-172, 131-142.	1.5	22
22	Applied geomorphological map of the Portofino Municipal Territory (Italy). Journal of Maps, 2008, 4, 451-462.	2.0	22
23	Eighty Years of Data Collected for the Determination of Rainfall Threshold Triggering Shallow Landslides and Mud-Debris Flows in the Alps. Water (Switzerland), 2020, 12, 133.	2.7	22
24	Advances in Geoheritage Mapping: Application to Iconic Geomorphological Examples from the Italian Landscape. Sustainability, 2021, 13, 11538.	3.2	22
25	High-Resolution Lightning Detection and Possible Relationship with Rainfall Events over the Central Mediterranean Area. Remote Sensing, 2019, 11, 1601.	4.0	21
26	Historical Geomorphological Research of a Ligurian Coastal Floodplain (Italy) and Its Value for Management of Flood Risk and Environmental Sustainability. Sustainability, 2018, 10, 3727.	3.2	20
27	A Quantitative GIS and AHP Based Analysis for Geodiversity Assessment and Mapping. Sustainability, 2021, 13, 10376.	3.2	20
28	Geomorphic hazards and intense rainfall: the case study of the Recco Stream catchment (Eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	19
29	Geological landscape and stone heritage of the Genoa Walls Urban Park and surrounding area (Italy). Journal of Maps, 2018, 14, 528-541.	2.0	19
30	Rainfall events with shallow landslides in the Entella catchment, Liguria, northern Italy. Natural Hazards and Earth System Sciences, 2018, 18, 2367-2386.	3.6	19
31	Geomorphological Landscape Research and Flood Management in a Heavily Modified Tyrrhenian Catchment. Sustainability, 2019, 11, 4594.	3.2	19
32	Flash Flood Events along the West Mediterranean Coasts: Inundations of Urbanized Areas Conditioned by Anthropic Impacts. Land, 2021, 10, 620.	2.9	19
33	Inventory of geo-hydrological phenomena in Genova municipality (NW Italy). Journal of Maps, 2019, 15, 28-37.	2.0	18
34	Yet another disaster flood of the Bisagno stream in Genoa (Liguria, Italy): October the 9th -10th 2014 event. Rendiconti Online Societa Geologica Italiana, 0, 35, 128-131.	0.3	18
35	Exposure to Geo-Hydrological Hazards of the Metropolitan Area of Genoa, Italy: A Multi-Temporal Analysis of the Bisagno Stream. Sustainability, 2020, 12, 1114.	3.2	17
36	Flash Flood Events and Urban Development in Genoa (Italy): Lost in Translation. , 2015, , 797-801.		17

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37	Geosites Inventory in Liguria Region (Northern Italy): A Tool for Regional Geoconservation and Environmental Management. Sustainability, 2021, 13, 2346.	3.2	16
38	Intrinsic Environmental Vulnerability as Shallow Landslide Susceptibility in Environmental Impact Assessment. Sustainability, 2019, 11, 6285.	3.2	14
39	Urban geomorphology of Genoa old city (Italy). Journal of Maps, 2020, , 1-14.	2.0	14
40	Coupling Historical Maps and LiDAR Data to Identify Man-Made Landforms in Urban Areas. ISPRS International Journal of Geo-Information, 2021, 10, 349.	2.9	14
41	Anthropogenic changes in the alluvial plains of the Tyrrhenian Ligurian basins. Rendiconti Online Societa Geologica Italiana, 0, 48, 10-16.	0.3	14
42	A clustering classification of catchment anthropogenic modification and relationships with floods. Science of the Total Environment, 2020, 740, 139915.	8.0	13
43	Flood-induced ground effects and flood-water dynamics for hydro-geomorphic hazard assessment: the 21â€“22 October 2019 extreme flood along the lower Orba River (Alessandria, NW Italy). Journal of Maps, 2021, 17, 136-151.	2.0	13
44	Anthropogenic landforms in an urbanized alluvial-coastal plain (Rapallo city, Italy). Journal of Maps, 2021, 17, 86-97.	2.0	12
45	Engineering geological map of the Chiavari city area (Liguria, Italy). Journal of Maps, 2012, 8, 41-47.	2.0	11
46	Large-scale geomorphology of the Entella River floodplain (Italy) for coastal urban areas management. Journal of Maps, 2020, , 1-15.	2.0	11
47	Urban geomorphology of a historical city straddling the Tanaro River (Alessandria, NW Italy). Journal of Maps, 2020, , 1-13.	2.0	11
48	Environmental Geological Maps of San Fruttuoso Bay (Portofino Park, Italy). Journal of Maps, 2008, 4, 431-443.	2.0	9
49	Geo-hiking map of Mt. Penna and Mt. Aiona area (Aveto Natural Park, Italy). Journal of Maps, 2012, 8, 293-303.	2.0	9
50	A historical geomorphological approach to flood hazard management along the shore of an alpine lake (northern Italy). Natural Hazards, 2018, 94, 471-488.	3.4	9
51	Slope instability on rocky coast: a case study of Le Grazie landslides (eastern Liguria, northern Italy). Geological Society Special Publication, 2009, 322, 143-154.	1.3	8
52	Anthropogenic landforms and geo-hydrological hazards of the Bisagno Stream catchment (Liguria,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	8
53	Groundwater resources in a fractured-rock aquifer, Conglomerate of Portofino. Journal of Maps, 2021, 17, 268-278.	2.0	7
54	Hydrogeology of conglomerate fractured-rock aquifers: an example from the Portofino's Promontory (Italy). Rendiconti Online Societa Geologica Italiana, 0, 41, 22-25.	0.3	7

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55	Valutazione della pericolositÃ geomorfologica da colate detritiche nel bacino idrografico di San Fruttuoso di Camogli (Parco di Portofino, Italia). Bollettino Della SocietÃ Geologica Italiana, 2009, , 641-654.	2.0	6
56	Persistent Scatterer Interferometry and Statistical Analysis of Time-Series for Landslide Monitoring: Application to Santo Stefano dâ€™Aveto (Liguria, NW Italy). Remote Sensing, 2021, 13, 3348.	4.0	6
57	The 10th November 2014 flash-flood event in Chiavari city (Eastern Liguria, Italy). Rendiconti Online Societa Geologica Italiana, 0, 35, 124-127.	0.3	5
58	Geomorphological mapping in urban areas. Journal of Maps, 2021, 17, 1-5.	2.0	5
59	A mountain slope deformation in an alpine metaophiolitic massif (Ligurian Alps, Italy). Journal of Maps, 2021, 17, 77-89.	2.0	4
60	Reply to Marchi's comment on "Geomorphic hazards and intense rainfall: the case study of the Recco Stream catchment (Eastern Liguria, Italy)" by Faccini et al. (2012). Natural Hazards and Earth System Sciences, 2012, 12, 3171-3173.	3.6	0
61	New Interpretation of Lemeglio Coastal Landslide (Liguria, Italy) Based on Field Survey and Integrated Monitoring Activities. , 2015, , 227-231.		0