Bruno Mazzorana

List of Publications by Year
in descending order

14	335	933447 10	1199594 12
papers	citations	h-index	g-index

15	15	15	290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of woodâ€laden flows in rivers. Earth Surface Processes and Landforms, 2019, 44, 1694-1709.	2.5	72
2	Assessing and mitigating large woodâ€related hazards in mountain streams: recent approaches. Journal of Flood Risk Management, 2018, 11, 207-222.	3.3	55
3	Experimental analyses of impact forces on buildings exposed to fluvial hazards. Journal of Hydrology, 2018, 565, 1-13.	5.4	39
4	Cascading processes in a changing environment: Disturbances on fluvial ecosystems in Chile and implications for hazard and risk management. Science of the Total Environment, 2019, 655, 1089-1103.	8.0	34
5	Understanding impact dynamics on buildings caused by fluviatile sediment transport. Geomorphology, 2018, 321, 45-59.	2.6	29
6	3-D hydrodynamic modelling of flood impacts on a building and indoor flooding processes. Natural Hazards and Earth System Sciences, 2016, 16, 1351-1368.	3.6	28
7	Modelling Spatiotemporal Dynamics of Large Wood Recruitment, Transport, and Deposition at the River Reach Scale during Extreme Floods. Water (Switzerland), 2018, 10, 1134.	2.7	22
8	Glacier protection laws: Potential conflicts in managing glacial hazards and adapting to climate change. Ambio, 2018, 47, 835-845.	5.5	17
9	How do stream processes affect hazard exposure on alluvial fans? Insights from an experimental study. Journal of Mountain Science, 2020, 17, 753-772.	2.0	12
10	Unravelling the impacts to the built environment caused by floods in a river heavily perturbed by volcanic eruptions. Journal of South American Earth Sciences, 2020, 102, 102655.	1.4	11
11	Dynamics of an outburst flood originating from a small and high-altitude glacier in the Arid Andes of Chile. Natural Hazards, 2018, 94, 93-119.	3.4	9
12	Physical Vulnerability Assessment Based on Fluid and Classical Mechanics to Support Cost-Benefit Analysis of Flood Risk Mitigation Strategies. Water (Switzerland), 2012, 4, 196-218.	2.7	7
13	What do biphasic flow experiments reveal on the variability of exposure on alluvial fans and which implications for risk assessment result from this?. Natural Hazards, 2022, 111, 3099-3120.	3.4	0
14	Assessing woody vegetation recovery in the Rayas River following the eruption of the ChaitÃ©n Volcano in 2008. Geological Society Special Publication, 0, , SP520-2020-261.	1.3	0