David Morche

List of Publications by Year
in descending order

28 papers	655 citations	516215 16 h-index	580395 25 g-index
31 all docs	31 docs citations	31 times ranked	792 citing authors

#	Article	IF	Citations
1	Significance of rockfall magnitude and carbonate dissolution for rock slope erosion and geomorphic work on Alpine limestone cliffs (Reintal, German Alps). Geomorphology, 2012, 167-168, 21-34.	1.1	75
2	Sediment output and effective discharge in two small high mountain catchments in the Bavarian Alps, Germany. Geomorphology, 2006, 80, 131-145.	1.1	66
3	Retreating ice: research in proâ€glacial areas matters. Earth Surface Processes and Landforms, 2016, 41, 271-276.	1.2	63
4	From geotechnical analysis to quantification and modelling using LiDAR data: a study on rockfall in the Reintal catchment, Bavarian Alps, Germany. Earth Surface Processes and Landforms, 2012, 37, 119-133.	1.2	48
5	Coarse sediment dynamics in a proglacial fluvial system (Fagge River, Tyrol). Geomorphology, 2014, 218, 88-97.	1.1	44
6	Sediment discharge from the proglacial zone of a retreating Alpine glacier. Zeitschrift FÃ¼r Geomorphologie, 2013, 57, 29-53.	0.3	43
7	Influence of glacier advance on the development of the multipart Riffeltal rock glacier, Central Austrian Alps. Earth Surface Processes and Landforms, 2015, 40, 965-980.	1.2	35
8	Hydrogeology of an Alpine rockfall aquifer system and its role in flood attenuation and maintaining baseflow. Hydrology and Earth System Sciences, 2014, 18, 4437-4452.	1.9	26
9	Hydrology and geomorphic effects of a highâ€magnitude flood in an alpine river. Geografiska Annaler, Series A: Physical Geography, 2007, 89, 5-19.	0.6	24
10	Volume changes of Alpine sediment stores in a state of post-event disequilibrium and the implications for downstream hydrology and bed load transport. Norsk Geografisk Tidsskrift, 2008, 62, 89-101.	0.3	24
11	Sediment storage and transfer on a periglacial mountain slope (Corvatsch, Switzerland). Geomorphology, 2014, 218, 35-44.	1.1	24
12	Spatial and temporal variability of sediment transfer and storage in an Alpine basin (Reintal valley,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	21
13	Rapid lake infill following major rockfall (bergsturz) events revealed by ground-penetrating radar (GPR) measurements, Reintal, German Alps. Holocene, 2007, 17, 965-976.	0.9	20
14	Sediment transport in an alpine river before and after a dambreak flood event. Earth Surface Processes and Landforms, 2012, 37, 347-353.	1.2	20
15	Funnel-shaped surface depressions â€" Indicator or accelerant of rapid glacier disintegration? A case study in the Tyrolean Alps. Geomorphology, 2017, 287, 58-72.	1.1	18
16	Sediment budget and morphodynamics of an alpine talus cone on different timescales. Zeitschrift FÃ¼r Geomorphologie, 2008, 52, 103-121.	0.3	17
17	Roughness determination of coarse grained alpine river bed surfaces using Terrestrial Laser Scanning data. Zeitschrift FÃ¼r Geomorphologie, 2014, 58, 81-95.	0.3	17
18	Quantification of moraine cliff coast erosion on Wolin Island (Baltic Sea, northwest Poland). Baltica, 2013, 26, 37-44.	0.1	15

#	Article	IF	Citations
19	Investigations on intra- and interannual coarse sediment dynamics in a high-mountain river. Zeitschrift FÃ¼r Geomorphologie, 2011, 55, 67-81.	0.3	11
20	Hydrogeomorphological characteristics and fluvial sediment transport of a high mountain river (Reintal Valley, Bavarian Alps, Germany). Zeitschrift FÃ¼r Geomorphologie, 2008, 52, 51-77.	0.3	10
21	Quantification of sediment transport by rockfall and rockslide processes on a proglacial rock slope (Kaunertal, Austria). Geomorphology, 2017, 287, 46-57.	1.1	10
22	A Sediment Budget of the Upper Kaunertal. Geography of the Physical Environment, 2019, , 289-312.	0.2	6
23	Fluvial Sediment Transport in the Proglacial Fagge River, Kaunertal, Austria. Geography of the Physical Environment, 2019, , 219-229.	0.2	4
24	Channel morphodynamics on a small proglacial braid plain (Fagge River, Gepatschferner, Austria). Proceedings of the International Association of Hydrological Sciences, 0, 367, 109-116.	1.0	4
25	Investigating Channel Response to a Dambreak Flood Event in an Alpine Riverâ€"Downstream Trends in Stream Power and Channel Bed Particle Characteristics. Arctic, Antarctic, and Alpine Research, 2009, 41, 69-78.	0.4	2
26	Special Issue â€œSediment cascades in cold climate geosystemsâ€œ. Geomorphology, 2017, 287, 1-2.	1.1	1
27	Rates of slope and channel processes in the Reintal valley, Bavarian Alps. , 0, , 351-363.		0
28	Investigating Channel Response to a Dambreak Flood Event in an Alpine Riverâ€"Downstream Trends in Stream Power and Channel Bed Particle Characteristics. Arctic, Antarctic, and Alpine Research, 2009, 41, 69-78.	0.4	0