

Thierry Oppikofer

List of Publications by Year in descending order

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33
papers

2,270
citations

643344

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889612

19
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43
all docs

43
docs citations

43
times ranked

2396
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping, Hazard and Consequence Analyses for Unstable Rock Slopes in Norway. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 317-323.	0.3	0
2	Rock Avalanche. , 2021, , .		2
3	A review of methods used to estimate initial landslide failure surface depths and volumes. Engineering Geology, 2020, 267, 105478.	2.9	72
4	Semi-empirical prediction of dam height and stability of dams formed by rock slope failures in Norway. Natural Hazards and Earth System Sciences, 2020, 20, 3179-3196.	1.5	3
5	SPLASH: semi-empirical prediction of landslide-generated displacement wave run-up heights. Geological Society Special Publication, 2019, 477, 353-366.	0.8	12
6	From incipient slope instability through slope deformation to catastrophic failure " Different stages of failure development on the Ivasnasen and Vollan rock slopes (western Norway). Geomorphology, 2017, 289, 96-116.	1.1	17
7	Editorial: Introduction to the Special Issue "Slope Tectonics: Inherited Structures, Morphology of Deformation and Catastrophic Failure". Geomorphology, 2017, 289, 1-2.	1.1	0
8	Why did the 1756 Tjellefonna rockslide occur? A back-analysis of the largest historic rockslide in Norway. Geomorphology, 2017, 289, 78-95.	1.1	14
9	Subaqueous rock-avalanche deposits exposed by post-glacial isostatic rebound, Innfjordalen, Western Norway. Geomorphology, 2017, 289, 117-133.	1.1	19
10	Quantification of casualties from potential rock-slope failures in Norway. , 2016, , 1537-1544.		4
11	Rock slope instabilities in Norway: First systematic hazard and risk classification of 22 unstable rock slopes from northern, western and southern Norway. , 2016, , 1107-1114.		9
12	Database and online map service on unstable rock slopes in Norway " From data perpetuation to public information. Geomorphology, 2015, 249, 69-81.	1.1	18
13	Analyses of past and present rock slope instabilities in a fjord valley: Implications for hazard estimations. Geomorphology, 2015, 248, 464-474.	1.1	37
14	Integrating diverse geologic and geodetic observations to determine failure mechanisms and deformation rates across a large bedrock landslide complex: the Osmundneset landslide, Sogn og Fjordane, Norway. Landslides, 2015, 12, 745-756.	2.7	17
15	Earthquake-Triggered Subaerial Landslides that Caused Large Scale Fjord Sediment Deformation: Combined Subaerial and Submarine Studies of the 2007 Ays�n Fjord Event, Chile. , 2014, , 67-70.		4
16	Terrestrial laser scanning of rock slope instabilities. Earth Surface Processes and Landforms, 2014, 39, 80-97.	1.2	244
17	Preliminary Global Catalogue of Displacement Waves from Subaerial Landslides. , 2014, , 687-692.		22
18	Approach for Systematic Rockslide Mapping of Unstable Rock Slopes in Norway. , 2014, , 129-134.		4

#	ARTICLE	IF	CITATIONS
19	Analyzing complex rock slope deformation at Stampa, western Norway, by integrating geomorphology, kinematics and numerical modeling. <i>Engineering Geology</i> , 2013, 154, 116-130.	2.9	36
20	Database of Unstable Rock Slopes of Norway. , 2013, , 423-428.		4
21	Systematic Mapping of Large Unstable Rock Slopes in Norway. , 2013, , 29-34.		15
22	The Role of Inherited Structures in Deep Seated Slope Failures in K�fjorden, Norway. , 2013, , 265-271.		1
23	The 2006 Eiger rockslide, European Alps. , 2012, , 282-296.		9
24	Use of LIDAR in landslide investigations: a review. <i>Natural Hazards</i> , 2012, 61, 5-28.	1.6	789
25	Detailed DEM analysis of a rockslide scar to characterize the basal sliding surface of active rockslides. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	41
26	Complex landslide behaviour and structural control: a three-dimensional conceptual model of Å...knes rockslide, Norway. <i>Geological Society Special Publication</i> , 2011, 351, 147-161.	0.8	19
27	Reply to the discussion by Olsen and Stuedlein on "Use of terrestrial laser scanning for the characterization of retrogressive landslides in sensitive clay and rotational landslides in river banks" Appears in <i>Canadian Geotechnical Journal</i> , 47(10): 1164-1168.. <i>Canadian Geotechnical Journal</i> , 2010. 47. 1169-1173.	1.4	1
28	Characterization and monitoring of the Å...knes rockslide using terrestrial laser scanning. <i>Natural Hazards and Earth System Sciences</i> , 2009, 9, 1003-1019.	1.5	198
29	Use of terrestrial laser scanning for the characterization of retrogressive landslides in sensitive clay and rotational landslides in river banks. <i>Canadian Geotechnical Journal</i> , 2009, 46, 1379-1390.	1.4	81
30	Detection of millimetric deformation using a terrestrial laser scanner: experiment and application to a rockfall event. <i>Natural Hazards and Earth System Sciences</i> , 2009, 9, 365-372.	1.5	325
31	Collapse at the eastern Eiger flank in the Swiss Alps. <i>Nature Geoscience</i> , 2008, 1, 531-535.	5.4	170
32	New insight techniques to analyze rock-slope relief using DEM and 3D-imaging cloud points. , 2007, , 61-68.		65
33	Gravitational reactivation of a pre-existing post-Caledonian fault system: the deep-seated gravitational slope deformation at Middagstinden, western Norway. <i>Norwegian Journal of Geology</i> , 0, , .	0.5	3