

# Ivo Baro<sup>o</sup>^

## List of Publications by Year in descending order

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32  
papers

778  
citations

567281

15  
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501196

28  
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35  
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docs citations

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times ranked

644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-seismic deformation of the 2017 Mw 6.6 Bodrum–Kos earthquake in speleothems of Korakia Cave (Pserimos, Dodecanese, Greece). <i>Geomorphology</i> , 2022, 402, 108137.	2.6	6
2	Three large prehistoric earthquakes in the Eastern Alps evidenced by cave rupture and speleothem damage. <i>Geomorphology</i> , 2022, 408, 108242.	2.6	7
3	Volcanic edifice slip events recorded on the fault plane of the San Andrés Landslide, El Hierro, Canary Islands. <i>Tectonophysics</i> , 2020, 776, 228317.	2.2	16
4	Gravitational and tectonic stress states within a deep-seated gravitational slope deformation near the seismogenic Periadriatic Line fault. <i>Engineering Geology</i> , 2019, 261, 105284.	6.3	13
5	Present-day kinematic behaviour of active faults in the Eastern Alps. <i>Tectonophysics</i> , 2019, 752, 1-23.	2.2	23
6	Is hydrotectonics influencing the thermal spring in Eisensteinh�hle (Bad Fischau, Lower Austria)?. <i>Austrian Journal of Earth Sciences</i> , 2019, 112, 166-181.	0.5	0
7	Last Glacial to Holocene vegetation succession recorded in polyphase slope-failure deposits on the Malen�k Ridge, Outer Western Carpathians. <i>Quaternary International</i> , 2018, 470, 38-52.	1.5	15
8	Large landslide stress states calculated during extreme climatic and tectonic events on El Hierro, Canary Islands. <i>Landslides</i> , 2018, 15, 1801-1814.	5.4	15
9	Present-day stress inversion from a single near-surface fault: A novel mathematical approach. <i>Journal of Structural Geology</i> , 2018, 117, 163-167.	2.3	9
10	Stress field reconstruction in an active mudslide. <i>Geomorphology</i> , 2017, 289, 170-178.	2.6	6
11	Monitoring Giant Landslide Detachment Planes in the Era of Big Data Analytics. , 2017, , 333-340.		7
12	The Somoto Grand Canyon (Nicaragua) – a Volcanic Geoheritage Site One Decade After Discovery: from Field Geological Mapping to the Promotion of a Geopark. <i>Geoheritage</i> , 2017, 9, 299-309.	2.8	15
13	A contactless positioning system for monitoring discontinuities in three dimensions with geological and geotechnical applications. <i>Review of Scientific Instruments</i> , 2017, 88, 074501.	1.3	8
14	Can deep seated gravitational slope deformations be activated by regional tectonic strain: First insights from displacement measurements in caves from the Eastern Alps. <i>Geomorphology</i> , 2016, 259, 81-89.	2.6	20
15	Remote Sensing for Characterisation and Kinematic Analysis of Large Slope Failures: Debre Sina Landslide, Main Ethiopian Rift Escarpment. <i>Remote Sensing</i> , 2015, 7, 16183-16203.	4.0	20
16	Geoelectrical monitoring: an innovative method to supplement landslide surveillance and early warning. <i>Near Surface Geophysics</i> , 2014, 12, 133-150.	1.2	68
17	Application of infrared thermography for mapping open fractures in deep-seated rockslides and unstable cliffs. <i>Landslides</i> , 2014, 11, 15-27.	5.4	83
18	Effect of slope failures on river-network pattern: A river piracy case study from the flysch belt of the Outer Western Carpathians. <i>Geomorphology</i> , 2014, 214, 356-365.	2.6	4

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19	Corrigendum to "Holocene reactivations of catastrophic complex flow-like landslides in the Flysch Carpathians (Czech Republic/Slovakia)" [Quat. Res. 80 (2013) 33-46]. Quaternary Research, 2014, 81, 179-179.	1.7	2
20	An introductory review on gravitational-deformation induced structures, fabrics and modeling. Tectonophysics, 2013, 605, 1-12.	2.2	48
21	Paleostress analysis of a gigantic gravitational mass movement in active tectonic setting: The Qoshadagh slope failure, Ahar, NW Iran. Tectonophysics, 2013, 605, 70-87.	2.2	26
22	Holocene reactivations of catastrophic complex flow-like landslides in the Flysch Carpathians (Czech Republic) [Quat. Res. 80 (2013) 33-46]. Quaternary Research, 2014, 81, 179-179.	1.7	60
23	Airborne geophysical survey of the catastrophic landslide at Stožec, Log pod Mangrtom, as a test of an innovative approach for landslide mapping in steep alpine terrains. Natural Hazards and Earth System Sciences, 2013, 13, 2543-2550.	3.6	11
24	Application and reliability of techniques for landslide site investigation, monitoring and early warning " outcomes from a questionnaire study. Natural Hazards and Earth System Sciences, 2013, 13, 3157-3168.	3.6	32
25	Airborne geophysical mapping as an innovative methodology for landslide investigation: evaluation of results from the Gschlifgraben landslide, Austria. Natural Hazards and Earth System Sciences, 2013, 13, 3313-3328.	3.6	15
26	Report on a recent deep-seated landslide at Gřirov Mt., Czech Republic, triggered by a heavy rainfall: The Gřirov Mt., Outer West Carpathians; Czech Republic. Landslides, 2011, 8, 355-361.	5.4	22
27	Palaeostress analysis of a giant Holocene rockslide near Boaco and Santa Lucia (Nicaragua, Central America) [Quat. Res. 80 (2013) 33-46]. Quaternary Research, 2014, 81, 179-179.	1.7	3
28	Investigation of recent catastrophic landslides in the flysch belt of Outer Western Carpathians (Czech Republic): progress towards better hazard assessment. Natural Hazards and Earth System Sciences, 2009, 9, 119-128.	3.6	51
29	Numerical analysis of deep-seated mass movements in the Magura Nappe; Flysch Belt of the Western Carpathians (Czech Republic). Natural Hazards and Earth System Sciences, 2005, 5, 367-374.	3.6	25
30	Structure and dynamics of deep-seated slope failures in the Magura Flysch Nappe, outer Western Carpathians (Czech Republic). Natural Hazards and Earth System Sciences, 2004, 4, 549-562.	3.6	63
31	Slope movements in the Flysch Carpathians of Eastern Czech Republic triggered by extreme rainfalls in 1997: a case study. Physics and Chemistry of the Earth, 2002, 27, 1567-1576.	2.9	83
32	Field Measurement of Natural Electromagnetic Emissions near the Active Tectonic and Mass-Movement Fractures in Caves. Solid State Phenomena, 0, 258, 460-464.	0.3	1