

# Stephen G Evans

## List of Publications by Year in descending order

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35  
papers

3,483  
citations

304743

22  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Earthquake-induced Chains of Geologic Hazards: Patterns, Mechanisms, and Impacts. <i>Reviews of Geophysics</i> , 2019, 57, 421-503.	23.0	505
2	A review of catastrophic drainage of moraine-dammed lakes in British Columbia. <i>Quaternary Science Reviews</i> , 2000, 19, 1763-1783.	3.0	452
3	Recent climatic change and catastrophic geomorphic processes in mountain environments. <i>Geomorphology</i> , 1994, 10, 107-128.	2.6	386
4	An overview of recent large catastrophic landslides in northern British Columbia, Canada. <i>Engineering Geology</i> , 2006, 83, 120-143.	6.3	254
5	Massive collapse of two glaciers in western Tibet in 2016 after surge-like instability. <i>Nature Geoscience</i> , 2018, 11, 114-120.	12.9	189
6	The 2000 Yigong landslide (Tibetan Plateau), rockslide-dammed lake and outburst flood: Review, remote sensing analysis, and process modelling. <i>Geomorphology</i> , 2015, 246, 377-393.	2.6	179
7	A re-examination of the mechanism and human impact of catastrophic mass flows originating on Nevado Huascarán, Cordillera Blanca, Peru in 1962 and 1970. <i>Engineering Geology</i> , 2009, 108, 96-118.	6.3	159
8	Velocity and runout simulation of destructive debris flows and debris avalanches in pyroclastic deposits, Campania region, Italy. <i>Environmental Geology</i> , 2004, 45, 295-311.	1.2	145
9	The maximum discharge of outburst floods caused by the breaching of man-made and natural dams. <i>Canadian Geotechnical Journal</i> , 1986, 23, 385-387.	2.8	144
10	Dynamics of the 1984 rock avalanche and associated distal debris flow on Mount Cayley, British Columbia, Canada; implications for landslide hazard assessment on dissected volcanoes. <i>Engineering Geology</i> , 2001, 61, 29-51.	6.3	138
11	Catastrophic detachment and high-velocity long-runout flow of Kolka Glacier, Caucasus Mountains, Russia in 2002. <i>Geomorphology</i> , 2009, 105, 314-321.	2.6	120
12	Landslides triggered by the 1949 Khait earthquake, Tajikistan, and associated loss of life. <i>Engineering Geology</i> , 2009, 109, 195-212.	6.3	119
13	Geomorphic and sedimentological signature of a two-phase outburst flood from moraine-dammed Queen Bess Lake, British Columbia, Canada. <i>Earth Surface Processes and Landforms</i> , 2005, 30, 1-25.	2.5	110
14	A large rockslide-debris avalanche in cohesive soil at Pink Mountain, northeastern British Columbia, Canada. <i>Engineering Geology</i> , 2006, 83, 64-75.	6.3	73
15	Extensive deformations of rock slopes in southern Coast Mountains, southwest British Columbia, Canada. <i>Engineering Geology</i> , 1996, 44, 163-182.	6.3	59
16	Exploring the magnitude-frequency distribution: a cellular automata model for landslides. <i>Landslides</i> , 2008, 5, 151-159.	5.4	57
17	The Formation and Behaviour of Natural and Artificial Rockslide Dams; Implications for Engineering Performance and Hazard Management. <i>Lecture Notes in Earth Sciences</i> , 2011, , 1-75.	0.5	43
18	Catastrophic mass flows resulting from tailings impoundment failures. <i>Engineering Geology</i> , 2021, 292, 106262.	6.3	40

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19	Mechanics of the earthquake-induced Hongshiyuan landslide in the 2014 Mw 6.2 Ludian earthquake, Yunnan, China. <i>Engineering Geology</i> , 2019, 251, 197-213.	6.3	37
20	The gigantic Seymareh (Saidmarreh) rock avalanche, Zagros Foldâ€Thrust Belt, Iran. <i>Journal of the Geological Society</i> , 2013, 170, 685-700.	2.1	35
21	The 1997 Mount Munday landslide (British Columbia) and the behaviour of rock avalanches on glacier surfaces. <i>Landslides</i> , 2014, 11, 1019-1036.	5.4	34
22	Catastrophic Mass Flows in the Mountain Glacial Environment. , 2015, , 563-606.		29
23	Rock slope movements along the Mount Currie "fault scarp," southern Coast Mountains, British Columbia. <i>Canadian Journal of Earth Sciences</i> , 1995, 32, 2015-2020.	1.3	25
24	Satellite Monitoring of Pakistan's Rockslideâ€Dammed Lake Gojal. <i>Eos</i> , 2010, 91, 394-395.	0.1	22
25	The 1994 jÃkulhlaup at Farrow Creek, British Columbia, Canada. <i>Geomorphology</i> , 1997, 19, 77-87.	2.6	19
26	The Classification of Rockslide Dams. <i>Lecture Notes in Earth Sciences</i> , 2011, , 581-593.	0.5	15
27	Tailings-flow runout analysis: examining the applicability of a semi-physical areaâ€volume relationship using a novel database. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 3425-3438.	3.6	15
28	Rockslide Dams in the Northwest Himalayas (Pakistan, India) and the Adjacent Pamir Mountains (Afghanistan, Tajikistan), Central Asia. <i>Lecture Notes in Earth Sciences</i> , 2011, , 205-242.	0.5	14
29	The occurrence and mechanism of catastrophic mass flows in the mountain cryosphere. , 2021, , 541-596.		12
30	The 1985 earthquake-triggered North Nahanni rockslide, Northwest Territories, Canada: The co-seismic movement of a sedimentary rock mass conditioned by residual strength. <i>Engineering Geology</i> , 2018, 247, 1-11.	6.3	11
31	Characterization of the 2000 Yigong Zangbo River (Tibet) Landslide Dam and Impoundment by Remote Sensing. <i>Lecture Notes in Earth Sciences</i> , 2011, , 543-559.	0.5	11
32	Downstream Geomorphic Response of the 2014 Mount Polley Tailings Dam Failure, British Columbia. , 2017, , 281-289.		10
33	A benchmarking study of four numerical runout models for the simulation of tailings flows. <i>Science of the Total Environment</i> , 2022, 827, 154245.	8.0	10
34	The evolution (2010â€2015) and engineering mitigation of a rockslide-dammed lake (Hunza River,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.3	7
35	Anomalous co-seismic surface effects produced by the 2014 Mw 6.2 Ludian earthquake, Yunnan, China: An example of complex faulting related to Riedel shear structures. <i>Engineering Geology</i> , 2020, 266, 105476.	6.3	5