Simon Allen

List of Publications by Year in descending order

37 papers	3,400 citations	279487 23 h-index	433756 31 g-index
40 all docs	40 docs citations	40 times ranked	4135 citing authors

#	Article	IF	Citations
1	Changes in Climate Extremes and their Impacts on the Natural Physical Environment. , 2012, , 109-230.		1,080
2	A massive rock and ice avalanche caused the 2021 disaster at Chamoli, Indian Himalaya. Science, 2021, 373, 300-306.	6.0	304
3	Response of Tibetan Plateau lakes to climate change: Trends, patterns, and mechanisms. Earth-Science Reviews, 2020, 208, 103269.	4.0	259
4	Lake outburst and debris flow disaster at Kedarnath, June 2013: hydrometeorological triggering and topographic predisposition. Landslides, 2016, 13, 1479-1491.	2.7	165
5	Rock avalanches and other landslides in the central Southern Alps of New Zealand: a regional study considering possible climate change impacts. Landslides, 2011, 8, 33-48.	2.7	149
6	Recent and future warm extreme events and high-mountain slope stability. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 2435-2459.	1.6	147
7	Modelling glacier-bed overdeepenings and possible future lakes for the glaciers in the Himalayaâ€"Karakoram region. Annals of Glaciology, 2016, 57, 119-130.	2.8	137
8	Potentially dangerous glacial lakes across the Tibetan Plateau revealed using a large-scale automated assessment approach. Science Bulletin, 2019, 64, 435-445.	4.3	107
9	Glacial lake outburst flood risk in Himachal Pradesh, India: an integrative and anticipatory approach considering current and future threats. Natural Hazards, 2016, 84, 1741-1763.	1.6	103
10	Annual 30â€‰m dataset for glacial lakes in High Mountain Asia from 2008 to 2017. Earth System Science Data, 2021, 13, 741-766.	3.7	97
11	Extremely warm temperatures as a potential cause of recent high mountain rockfall. Global and Planetary Change, 2013, 107, 59-69.	1.6	91
12	Exploring steep bedrock permafrost and its relationship with recent slope failures in the Southern Alps of New Zealand. Permafrost and Periglacial Processes, 2009, 20, 345-356.	1.5	88
13	Glacial lake evolution and glacierâ€"lake interactions in the Poiqu River basin, central Himalaya, 1964â€"2017. Journal of Glaciology, 2019, 65, 347-365.	1.1	80
14	First approaches towards modelling glacial hazards in the Mount Cook region of New Zealand's Southern Alps. Natural Hazards and Earth System Sciences, 2009, 9, 481-499.	1.5	65
15	Recent catastrophic landslide lake outburst floods in the Himalayan mountain range. Progress in Physical Geography, 2017, 41, 3-28.	1.4	54
16	Recession of Gya Glacier and the 2014 glacial lake outburst flood in the Trans-Himalayan region of Ladakh, India. Science of the Total Environment, 2021, 756, 144008.	3.9	51
17	70â€¯years of lake evolution and glacial lake outburst floods in the Cordillera Blanca (Peru) and implications for the future. Geomorphology, 2020, 365, 107178.	1.1	48
18	Ice thawing, mountains fallingâ€"are alpine rock slope failures increasing?. Geology Today, 2012, 28, 98-104.	0.3	47

#	Article	IF	Citations
19	The 2020 glacial lake outburst flood at Jinwuco, Tibet: causes, impacts, and implications for hazard and risk assessment. Cryosphere, 2021, 15, 3159-3180.	1.5	38
20	Vampire rock avalanches of January 2008 and 2003, Southern Alps, New Zealand. Landslides, 2009, 6, 161-166.	2.7	32
21	Translating the concept of climate risk into an assessment framework to inform adaptation planning: Insights from a pilot study of flood risk in Himachal Pradesh, Northern India. Environmental Science and Policy, 2018, 87, 1-10.	2.4	32
22	Future Glacial Lake Outburst Flood (GLOF) hazard of the South Lhonak Lake, Sikkim Himalaya. Geomorphology, 2021, 388, 107783.	1.1	32
23	Numerous unreported glacial lake outburst floods in the Third Pole revealed by high-resolution satellite data and geomorphological evidence. Science Bulletin, 2021, 66, 1270-1273.	4.3	31
24	Recent flood hazards in Kashmir put into context with millennium-long historical and tree-ring records. Science of the Total Environment, 2020, 722, 137875.	3.9	29
25	Rock avalanche on 14 July 2014 from Hillary Ridge, Aoraki/Mount Cook, New Zealand. Landslides, 2015, 12, 395-402.	2.7	25
26	Permafrost Studies in Kullu District, Himachal Pradesh. Current Science, 2016, 111, 550.	0.4	24
27	Inventory and evolution of glacial lakes since the Little Ice Age: Lessons from the case of Switzerland. Earth Surface Processes and Landforms, 2021, 46, 2551-2564.	1.2	18
28	Satellite remote sensing procedures for glacial terrain analyses and hazard assessment in the Aoraki Mount Cook region, New Zealand. New Zealand Journal of Geology, and Geophysics, 2008, 51, 73-87.	1.0	16
29	Differentiating regions for adaptation financing: the role of global vulnerability and risk distributions. Wiley Interdisciplinary Reviews: Climate Change, 2017, 8, e447.	3.6	13
30	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.	1.6	9
31	Temperature, precipitation and related extremes in mountain areas. , 2015, , 28-49.		7
32	Detecting Potential Climate Signals in Large Slope Failures in Cold Mountain Regions. , 2013, , 361-367.		6
33	Editorial: Himalayan Climate Interaction. Frontiers in Environmental Science, 2020, 8, .	1.5	5
34	Current and Future Glacial Lake Outburst Flood Hazard: Application of GIS-Based Modeling in Himachal Pradesh, India. , 2016, , 181-203.		3
35	An Integrative and Joint Approach to Climate Impacts, Hydrological Risks and Adaptation in the Indian Himalayan Region. , 2020, , 553-573.		3
36	Climate change research in bilateral development programmes: experiences from India and Peru. Development in Practice, 2019, 29, 336-348.	0.6	1

#	Article	IF	Citations
37	Editorial: Lake Changes, Drivers and Consequences in High Mountain Asia. Frontiers in Earth Science, 2022, 10, .	0.8	0