

Tristram C Hales

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,892
citations

361296

20
h-index

434063

31
g-index

45
all docs

45
docs citations

45
times ranked

1944
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the grain-size distributions of mass movement deposits. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 1599-1614.	1.2	10
2	The Fate of Sediment After a Large Earthquake. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	14
3	Ecosystem carbon stock loss after a mega earthquake. <i>Catena</i> , 2022, 216, 106393.	2.2	4
4	Vegetation-induced soil stabilization in coastal area: An example from a natural mangrove forest. <i>Catena</i> , 2022, 216, 106410.	2.2	26
5	Coseismic landslides induced by the 2018 Mw 6.6 Iwate, Japan, Earthquake: spatial distribution, key factors weight, and susceptibility regionalization. <i>Landslides</i> , 2021, 18, 755-772.	2.7	25
6	Topographic and Ground-ice Controls on Shallow Landsliding in Thawing Arctic Permafrost. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092264.	1.5	10
7	Shallow landslides and vegetation at the catchment scale: A perspective. <i>Ecological Engineering</i> , 2021, 173, 106436.	1.6	27
8	The application of frameworks for measuring social vulnerability and resilience to geophysical hazards within developing countries: A systematic review and narrative synthesis. <i>Science of the Total Environment</i> , 2020, 711, 134486.	3.9	49
9	Modelling soil erosion responses to climate change in three catchments of Great Britain. <i>Science of the Total Environment</i> , 2020, 749, 141657.	3.9	28
10	A hybrid machine-learning model to estimate potential debris-flow volumes. <i>Geomorphology</i> , 2020, 367, 107333.	1.1	13
11	The impact of earthquakes on orogen-scale exhumation. <i>Earth Surface Dynamics</i> , 2020, 8, 579-593.	1.0	7
12	Supervised classification of landforms in Arctic mountains. <i>Permafrost and Periglacial Processes</i> , 2019, 30, 131-145.	1.5	7
13	Earthquake-induced Chains of Geologic Hazards: Patterns, Mechanisms, and Impacts. <i>Reviews of Geophysics</i> , 2019, 57, 421-503.	9.0	505
14	Identifying post-earthquake debris flow hazard using Massflow. <i>Engineering Geology</i> , 2019, 258, 105134.	2.9	31
15	Modelling the role of material depletion, grain coarsening and revegetation in debris flow occurrences after the 2008 Wenchuan earthquake. <i>Engineering Geology</i> , 2019, 250, 34-44.	2.9	81
16	Modelling biome-scale root reinforcement and slope stability. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2157-2166.	1.2	18
17	Controls on Zero-Order Basin Morphology. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 3269.	1.0	10
18	Spatio-temporal evolution of mass wasting after the 2008 Mw 7.9 Wenchuan earthquake revealed by a detailed multi-temporal inventory. <i>Landslides</i> , 2018, 15, 2325-2341.	2.7	102

#	ARTICLE	IF	CITATIONS
19	Can Riparian Forest Buffers Increase Yields From Oil Palm Plantations?. <i>Earth's Future</i> , 2018, 6, 1082-1096.	2.4	3
20	Modification of river meandering by tropical deforestation. <i>Geology</i> , 2017, 45, 511-514.	2.0	66
21	Soil moisture causes dynamic adjustments to root reinforcement that reduce slope stability. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 803-813.	1.2	56
22	Multi-objective consideration of earthquake resilience in the built environment: The case of Wenchuan earthquake. , 2017, , .		2
23	Colluvium supply in humid regions limits the frequency of storm-triggered landslides. <i>Scientific Reports</i> , 2016, 6, 34438.	1.6	46
24	Frequency and Magnitude of Selected Historical Landslide Events in the Southern Appalachian Highlands of North Carolina and Virginia: Relationships to Rainfall, Geological and Ecohydrological Controls, and Effects. <i>Managing Forest Ecosystems</i> , 2016, , 203-262.	0.4	9
25	Frost for the trees: Did climate increase erosion in unglaciated landscapes during the late Pleistocene?. <i>Science Advances</i> , 2015, 1, e1500715.	4.7	70
26	Simulating vegetation controls on hurricane-induced shallow landslides with a distributed ecohydrological model. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 361-378.	1.3	36
27	Assessing the accuracy of simple field based root strength measurements. <i>Plant and Soil</i> , 2013, 372, 553-565.	1.8	37
28	Ecosystem processes at the watershed scale: Extending optimality theory from plot to catchment. <i>Water Resources Research</i> , 2009, 45, .	1.7	78
29	Topographic and ecologic controls on root reinforcement. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	145
30	Using soil residence time to delineate spatial and temporal patterns of transient landscape response. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	43
31	Climatic controls on frost cracking and implications for the evolution of bedrock landscapes. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	193
32	A lithospheric instability origin for Columbia River flood basalts and Willowa Mountains uplift in northeast Oregon. <i>Nature</i> , 2005, 438, 842-845.	13.7	127