

Honglin He

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

423
citations

840776

11
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Active Tectonics of the Nantinghe Fault in Southeastern Tibetan Plateau and its Implications for Continental Collision. <i>Frontiers in Earth Science</i> , 2022, 9, .	1.8	2
2	Ongoing westward migration of drainage divides in eastern Tibet, quantified from topographic analysis. <i>Geomorphology</i> , 2022, 402, 108123.	2.6	9
3	Depositional Record and Geochemistry Constraints on the Late Miocene–Quaternary Evolution of the Taiyuan Basin in Shanxi Rift System, China. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	1
4	A comparative study of bedrock fault scarps by s-UAV and t-LiDAR: Insights into site selection criteria for paleo-seismology studies. <i>Geomorphology</i> , 2022, , 108372.	2.6	1
5	Initiation and Evolution of the Shanxi Rift System in North China: Evidence From Low-Temperature Thermochronology in a Plate Reconstruction Framework. <i>Tectonics</i> , 2021, 40, e2020TC006298.	2.8	42
6	Identification of Paleoearthquakes and Coseismic Slips on a Normal Fault Using High-Precision Quantitative Morphology: Application to the Jiaocheng Fault in the Shanxi Rift, China. <i>Lithosphere</i> , 2021, 2021, .	1.4	2
7	Seismic history of a bedrock fault scarp using quantitative morphology together with multiple dating methods: A case study of the Luoyunshan piedmont fault, southwestern Shanxi Rift, China. <i>Tectonophysics</i> , 2020, 788, 228473.	2.2	5
8	Landslide characteristics in the Loess Plateau, northern China. <i>Geomorphology</i> , 2020, 359, 107150.	2.6	35
9	Holocene paleoearthquakes on the Tianqiaogou-Huangyangchuan fault in the northeastern boundary fault system of the Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2019, 186, 104049.	2.3	4
10	Paleoearthquake History Along the Southern Segment of the Daliangshan Fault Zone in the Southeastern Tibetan Plateau. <i>Tectonics</i> , 2019, 38, 2208-2231.	2.8	24
11	Investigating paleoseismicity using fault scarp morphology of the Dushanzi Reverse Fault in the northern Tian Shan, China. <i>Geomorphology</i> , 2019, 327, 542-553.	2.6	11
12	The <sc>M</sc> 1303 Hongdong Earthquake and the Huoshan Piedmont Fault, Shanxi Graben: Implications for Magnitude Limits of Normal Fault Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3098-3121.	3.4	34
13	Flash Heating and Local Fluid Pressurization Lead to Rapid Weakening in Water-Saturated Fault Gouges. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 9084-9100.	3.4	9
14	A new shortening rate across the Dushanzi anticline in the northern Tian Shan Mountains, china from lidar data and a seismic reflection profile. <i>Journal of Asian Earth Sciences</i> , 2018, 163, 131-141.	2.3	16
15	Late Quaternary paleoearthquakes along the northern segment of the Nantinghe fault on the southeastern margin of the Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 258-271.	2.3	13
16	Automated mapping of landforms through the application of supervised classification to lidar-derived DEMs and the identification of earthquake ruptures. <i>International Journal of Remote Sensing</i> , 2017, 38, 7196-7219.	2.9	7
17	Seismogenic Capability of the Northeastern Segment of the Longmenshan Thrust Zone and its Tectonic Role at the Eastern Tibetan Plateau. <i>Acta Geologica Sinica</i> , 2017, 91, 1930-1931.	1.4	0
18	Quantitative morphology of bedrock fault surfaces and identification of paleo-earthquakes. <i>Tectonophysics</i> , 2016, 693, 22-31.	2.2	16

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19	Evaluating fluvial terrace riser degradation using LiDAR-derived topography: An example from the northern Tian Shan, China. <i>Journal of Asian Earth Sciences</i> , 2015, 105, 430-442.	2.3	13
20	Holocene paleoearthquake history on the Qingchuan fault in the northeastern segment of the Longmenshan Thrust Zone and its implications. <i>Tectonophysics</i> , 2015, 660, 92-106.	2.2	21
21	Fractal properties of landforms in the Ordos Block and surrounding areas, China. <i>Geomorphology</i> , 2012, 175-176, 151-162.	2.6	22
22	On-site determination of slip vectors along the Longmenshan fault during the Mw 7.9 Wenchuan, China, earthquake of May 12, 2008. <i>Journal of Asian Earth Sciences</i> , 2011, 41, 274-282.	2.3	6
23	Near-field postseismic deformation along the rupture of 2008 Wenchuan earthquake and its implications. <i>Science Bulletin</i> , 2010, 55, 2535-2541.	1.7	9
24	Newly-generated Daliangshan fault zone "Shortcutting" on the central section of Xianshuihe-Xiaojiang fault system. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1248-1258.	0.9	58
25	Late Quaternary activity of the Zemuhe and Xiaojiang faults in southwest China from geomorphological mapping. <i>Geomorphology</i> , 2008, 96, 62-85.	2.6	61
26	Review on the Application of Airborne LiDAR in Active Tectonics of China: Dushanzi Reverse Fault in the Northern Tian Shan. <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	2