

Zhuo-xin Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6545791/publications.pdf>

Version: 2024-02-01

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docs citations

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122
citing authors

#	ARTICLE	IF	CITATIONS
1	Telling a different story: The promote role of vegetation in the initiation of shallow landslides during rainfall on the Chinese Loess Plateau. <i>Geomorphology</i> , 2020, 350, 106879.	2.6	47
2	Revegetation induced change in soil erodibility as influenced by slope situation on the Loess Plateau. <i>Science of the Total Environment</i> , 2021, 772, 145540.	8.0	44
3	Sensitivity of rainstorm-triggered shallow mass movements on gully slopes to topographical factors on the Chinese Loess Plateau. <i>Geomorphology</i> , 2019, 337, 69-78.	2.6	24
4	Distribution, morphology and influencing factors of rills under extreme rainfall conditions in main land uses on the Loess Plateau of China. <i>Geomorphology</i> , 2019, 345, 106847.	2.6	23
5	The impact of flow discharge on the hydraulic characteristics of headcut erosion processes in the gully region of the Loess Plateau. <i>Hydrological Processes</i> , 2020, 34, 718-729.	2.6	21
6	Soil erosion of unpaved loess roads subjected to an extreme rainstorm event: a case study of the Jiuyuangou watershed on the Loess Plateau, China. <i>Journal of Mountain Science</i> , 2019, 16, 1396-1407.	2.0	16
7	Variations in Soil Erosion Resistance of Gully Head Along a 25-Year Revegetation Age on the Loess Plateau. <i>Water (Switzerland)</i> , 2020, 12, 3301.	2.7	12
8	The proportion of jet flow and on-wall flow and its effects on soil loss and plunge pool morphology during gully headcut erosion. <i>Journal of Hydrology</i> , 2021, 598, 126220.	5.4	8
9	Root Distribution and Soil Properties of Gully Heads and Their Effects on Headcut Migration in the Mollisols Region of Northeast China. <i>Land</i> , 2022, 11, 184.	2.9	8
10	Spatiotemporal changes in flow hydraulic characteristics and soil loss during gully headcut erosion under controlled conditions. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 4473-4494.	4.9	7
11	Headwall scour hole erosion and overhanging mass collapse play critical roles in gully head retreat on grassland under surface flow. <i>Geomorphology</i> , 2022, 411, 108301.	2.6	7
12	Erosion-reducing effects of revegetation and fish-scale pits on steep spoil heaps under concentrated runoff on the Chinese Loess Plateau. <i>Land Degradation and Development</i> , 2020, 31, 2846-2857.	3.9	5