

Zaijian Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

540
citations

687363

13
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of soil particle size on the adsorption, distribution, and migration behaviors of heavy metal(loid)s in soil: a review. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1596-1615.	3.5	85
2	Estimation of Agricultural Water Consumption from Meteorological and Yield Data: A Case Study of Hebei, North China. <i>PLoS ONE</i> , 2013, 8, e58685.	2.5	61
3	Distribution characteristics of heavy metal(loid)s in aggregates of different size fractions along contaminated paddy soil profile. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23939-23952.	5.3	56
4	Water footprint of crop production for different crop structures in the Hebei southern plain, North China. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3061-3069.	4.9	42
5	The spatial distribution of <i>Benggang</i> and the factors that influence it. <i>Land Degradation and Development</i> , 2019, 30, 2323-2335.	3.9	38
6	Loss characteristics of Cd in soil aggregates under simulated rainfall conditions. <i>Science of the Total Environment</i> , 2019, 650, 313-320.	8.0	32
7	Simulated impacts of irrigation on evapotranspiration in a strongly exploited region: a case study of the Haihe River basin, China. <i>Hydrological Processes</i> , 2015, 29, 2704-2719.	2.6	30
8	Coupling effects of erosion and surface roughness on colluvial deposits under continuous rainfall. <i>Soil and Tillage Research</i> , 2019, 191, 98-107.	5.6	28
9	Characterisation of soil erosion and overland flow on vegetation-growing slopes in fragile ecological regions: A review. <i>Journal of Environmental Management</i> , 2021, 285, 112165.	7.8	27
10	Assessing urban flood and drought risks under climate change, China. <i>Hydrological Processes</i> , 2019, 33, 1349-1361.	2.6	26
11	Effects of soil properties, topography and landform on the understory biomass of a pine forest in a subtropical hilly region. <i>Catena</i> , 2019, 176, 104-111.	5.0	25
12	Urban stormwater management based on an analysis of climate change: A case study of the Hebei and Guangdong provinces. <i>Landscape and Urban Planning</i> , 2018, 177, 217-226.	7.5	23
13	Composition and spatial difference of agro-industry carbon footprint in Hebei province, North China. <i>Ecological Indicators</i> , 2019, 97, 141-149.	6.3	14
14	Effects of erosion-induced land degradation on effective sediment size characteristics in sheet erosion. <i>Catena</i> , 2020, 195, 104843.	5.0	11
15	Relationship of <i>benggang</i> number, area, and hypsometric integral values at different landform developmental stages. <i>Land Degradation and Development</i> , 2020, 31, 2319-2328.	3.9	11
16	Composition and spatiotemporal distribution of the agro-ecosystem carbon footprint: A case study in Hebei Province, north China. <i>Journal of Cleaner Production</i> , 2018, 190, 838-846.	9.3	10
17	Adsorption characteristics of cadmium onto aggregates of various acidic red soils from South China. <i>Journal of Soils and Sediments</i> , 2022, 22, 120-133.	3.0	9
18	Soil and Water Conservation Techniques in Tropical and Subtropical Asia: A Review. <i>Sustainability</i> , 2022, 14, 5035.	3.2	8

#	ARTICLE	IF	CITATIONS
19	Effects of biochar application on the loss characteristics of Cd from acidic soil under simulated rainfall conditions. <i>Environmental Science and Pollution Research</i> , 2022, 29, 83969-83980.	5.3	3
20	Spatially uniform specific discharge from headwater to river basins on the Chinese Loess Plateau. <i>Hydrogeology Journal</i> , 2021, 29, 2429.	2.1	0