

Diwen Cai

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

273
citations

1163117

8
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940533

16
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18
all docs

18
docs citations

18
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term spatiotemporal variation of drought patterns over the Greater Horn of Africa. <i>Science of the Total Environment</i> , 2020, 704, 135299.	8.0	72
2	Contributions of ecological programs to vegetation restoration in arid and semiarid China. <i>Environmental Research Letters</i> , 2020, 15, 114046.	5.2	47
3	Key Role of Desertâ€™Oasis Transitional Area in Avoiding Oasis Land Degradation from Aeolian Desertification in Dunhuang, Northwest China. <i>Land Degradation and Development</i> , 2017, 28, 142-150.	3.9	38
4	Salinification and salt transports under aeolian processes in potential desertification regions of China. <i>Science of the Total Environment</i> , 2021, 782, 146832.	8.0	21
5	Spatio-temporal trends of dust emissions triggered by desertification in China. <i>Catena</i> , 2021, 200, 105160.	5.0	18
6	Assessment of Vegetation Dynamics and Ecosystem Resilience in the Context of Climate Change and Drought in the Horn of Africa. <i>Remote Sensing</i> , 2021, 13, 1668.	4.0	13
7	Spatial and Temporal Variation of Wind Erosion Climatic Erosivity and Its Response to ENSO in the Otindag Desert, China. <i>Atmosphere</i> , 2019, 10, 614.	2.3	10
8	Dust-sized fractions from dustfall and physical weathering in the Gobi Desert. <i>Aeolian Research</i> , 2020, 43, 100565.	2.7	9
9	Contributions of modern Gobi Desert to the Badain Jaran Desert and the Chinese Loess Plateau. <i>Scientific Reports</i> , 2019, 9, 985.	3.3	8
10	Local Circulation Maintains the Coexistence of Lake-dune Pattern in the Badain Jaran Desert. <i>Scientific Reports</i> , 2017, 7, 40238.	3.3	7
11	Dust deposition and its significance to soil nutrients in the Otindag Desert, China. <i>Journal of Arid Environments</i> , 2021, 194, 104612.	2.4	7
12	Inner Dynamic Detection and Prediction of Water Quality Based on CEEMDAN and GA-SVM Models. <i>Remote Sensing</i> , 2022, 14, 1714.	4.0	7
13	Effects of Earth surface processes on the heterogeneity of surface soil elements and the responses of vegetation elements in the Otindag Desert, China. <i>Catena</i> , 2019, 183, 104214.	5.0	5
14	Baseline and status of desertification in Central Asia. <i>Land Degradation and Development</i> , 0, .	3.9	5
15	Potential responses of vegetation to atmospheric aerosols in arid and semi-arid regions of Asia. <i>Journal of Arid Land</i> , 2021, 13, 516-533.	2.3	2
16	The potential effects of aeolian processes on the vegetation in a semiarid area: geochemical evidence from plants and soils. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	2
17	Geochemical characteristics of dust aerosol availability in northwestern China. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	1
18	Variation in dustfall on the western Chinese Loess Plateau. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	1