

# Diwen Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/988363/publications.pdf>

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18  
papers

273  
citations

1163117

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h-index

940533

16  
g-index

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all docs

18  
docs citations

18  
times ranked

256  
citing authors

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