Dun-Sheng Xia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8270730/publications.pdf

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18	353	933447 10	839539 18
papers	citations	h-index	g-index

20	20	20	420
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Humid medieval warm period recorded by magnetic characteristics of sediments from Gonghai Lake, Shanxi, North China. Science Bulletin, 2011, 56, 2464-2474.	1.7	73
2	Combination of magnetic parameters and heavy metals to discriminate soil-contamination sources in Yinchuan â€" A typical oasis city of Northwestern China. Science of the Total Environment, 2014, 485-486, 83-92.	8.0	58
3	Magnetic records of heavy metal pollution in urban topsoil in Lanzhou, China. Science Bulletin, 2013, 58, 384-395.	1.7	43
4	Source apportionment of soil-contamination in Baotou City (North China) based on a combined magnetic and geochemical approach. Science of the Total Environment, 2018, 642, 95-104.	8.0	39
5	Detecting the sensitivity of magnetic response on different pollution sources â€" A case study from typical mining cities in northwestern China. Environmental Pollution, 2015, 207, 288-298.	7.5	26
6	The influence of roadside trees on the diffusion of road traffic pollutants and their magnetic characteristics in a typical semi-arid urban area of Northwest China. Environmental Pollution, 2019, 252, 1170-1179.	7.5	15
7	Near-surface wind environment in the Yarlung Zangbo River basin, southern Tibetan Plateau. Journal of Arid Land, 2020, 12, 917-936.	2.3	12
8	Variation of the winter mid-latitude Westerlies in the Northern Hemisphere during the Holocene revealed by aeolian deposits in the southern Tibetan Plateau. Quaternary Research, 2022, 107, 104-112.	1.7	12
9	Application of magnetic susceptibility and heavy metal bioaccessibility to assessments of urban sandstorm contamination and health risks: Case studies from Dunhuang and Lanzhou, Northwest China. Science of the Total Environment, 2022, 830, 154801.	8.0	12
10	Atmospheric Dynamics Patterns in Southern Central Asia Since 800Âka Revealed by Loessâ€Paleosol Sequences in Tajikistan. Geophysical Research Letters, 2020, 47, e2020GL088320.	4.0	11
11	Variability of Stable Isotope in Lake Water and Its Hydrological Processes Identification in Mt. Yulong Region. Water (Switzerland), 2017, 9, 711.	2.7	10
12	Magnetic characteristics of topsoil from Xinjiang, Northwestern China, and their implications. Frontiers of Earth Science, 2009, 3, 259-265.	0.5	9
13	Source of the aeolian sediments in the Yarlung Tsangpo valley and its potential dust contribution to adjacent oceans. Earth Surface Processes and Landforms, 2022, 47, 1860-1871.	2.5	8
14	Seasonality of Response to Millennialâ€Scale Climate Events of the Last Glacial: Evidence From Loess Records Over Midâ€Latitude Asia. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009903.	2.5	7
15	Isotopic evidence for the moisture origin and influencing factors at Urumqi Glacier No.1 in upstream Urumqi River Basin, eastern Tianshan Mountains. Journal of Mountain Science, 2019, 16, 1802-1815.	2.0	6
16	A magnetic investigation of a loess/paleosol sequences record in Ili area. Frontiers of Earth Science, 2010, 4, 259-268.	0.5	4
17	Magnetic characteristics of Juniperus formosana needles along an urban street in Lanzhou, Northwest China: the variation of different season and orientation. Environmental Science and Pollution Research, 2019, 26, 21964-21971.	5.3	4
18	Pollution monitoring using the leaf-deposited particulates and magnetism of the leaves of 23 plant species in a semi-arid city, Northwest China. Environmental Science and Pollution Research, 2022, 29, 34898-34911.	5.3	4