Xiao-tao Huang

List of Publications by Year
in descending order

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19	264	1163117 8	940533 16
papers	citations	h-index	g-index

19	19	19	332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Landslide Susceptibility Assessment Using Spatial Multi-Criteria Evaluation Model in Rwanda. International Journal of Environmental Research and Public Health, 2018, 15, 243.	2.6	91
2	Low-carbon economic development in Central Asia based on LMDI decomposition and comparative decoupling analyses. Journal of Arid Land, 2019, 11, 513-524.	2.3	23
3	Temporospatial patterns of human appropriation of net primary production in Central Asia grasslands. Ecological Indicators, 2018, 91, 555-561.	6.3	20
4	Spatioâ€temporal patterns of grassland evapotranspiration and water use efficiency in arid areas. Ecological Research, 2017, 32, 523-535.	1.5	19
5	Effects of grazing on net primary productivity, evapotranspiration and water use efficiency in the grasslands of Xinjiang, China. Journal of Arid Land, 2018, 10, 588-600.	2.3	15
6	Predicting the Suitable Geographical Distribution of Sinadoxa Corydalifolia under Different Climate Change Scenarios in the Three-River Region Using the MaxEnt Model. Plants, 2020, 9, 1015.	3.5	15
7	Does Grazing Exclusion Improve Soil Carbon and Nitrogen Stocks in Alpine Grasslands on the Qinghai-Tibetan Plateau? A Meta-Analysis. Sustainability, 2020, 12, 977.	3.2	13
8	Effects of drought and heat on the productivity and photosynthetic characteristics of alpine meadow plants on the Qinghai-Tibetan Plateau. Journal of Mountain Science, 2021, 18, 2079-2093.	2.0	10
9	Effects of Environmental Factors on the Changes in MODIS NPP along DEM in Global Terrestrial Ecosystems over the Last Two Decades. Remote Sensing, 2022, 14, 713.	4.0	9
10	Spatiotemporal Dynamics of the Carbon Budget and the Response to Grazing in Qinghai Grasslands. Frontiers in Plant Science, 2021, 12, 775015.	3.6	8
11	Vegetation attributes and soil properties of alpine grassland in different degradation stages on the Qinghai-Tibet Plateau, China: a meta-analysis. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	8
12	Fractional monitoring of desert vegetation degradation, recovery, and greening using optimized multi-endmembers spectral mixture analysis in a dryland basin of Northwest China. GIScience and Remote Sensing, 2021, 58, 300-321.	5.9	7
13	Ecological Effects of Grazing in the Northern Tianshan Mountains. Water (Switzerland), 2017, 9, 932.	2.7	6
14	How precipitation and grazing influence the ecological functions of drought-prone grasslands on the northern slopes of the Tianshan Mountains, China?. Journal of Arid Land, 2021, 13, 88-97.	2.3	6
15	Landâ€“Atmosphere Exchange of Water and Heat in the Arid Mountainous Grasslands of Central Asia during the Growing Season. Water (Switzerland), 2017, 9, 727.	2.7	4
16	Improving remote sensing-based net primary production estimation in the grazed land with defoliation formulation model. Journal of Mountain Science, 2019, 16, 323-336.	2.0	4
17	Quantifying and Mapping Human Appropriation of Net Primary Productivity in Qinghai Grasslands in China. Agriculture (Switzerland), 2022, 12, 483.	3.1	3
18	Temporal and Spatial Dynamics of Carbon Storage in Qinghai Grasslands. Agronomy, 2022, 12, 1201.	3.0	2

#	Article	IF	Citations
19	Human appropriation of net primary production estimates in the Xinjiang grasslands. PLoS ONE, 2020, 15, e0242478.	2.5	1