

Guoxiong Zheng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

641

citations

13

h-index

25

g-index

35

ext. papers

1,077

ext. citations

6.8

avg, IF

4.44

L-index

#	Paper	IF	Citations
28	Regional differences of lake evolution across China during 1960s-2015 and its natural and anthropogenic causes. <i>Remote Sensing of Environment</i> , 2019 , 221, 386-404	13.2	140
27	A robust but variable lake expansion on the Tibetan Plateau. <i>Science Bulletin</i> , 2019 , 64, 1306-1309	10.6	81
26	Disentangling the relative impacts of climate change and human activities on arid and semiarid grasslands in Central Asia during 1982-2015. <i>Science of the Total Environment</i> , 2019 , 653, 1311-1325	10.2	75
25	Monitoring the long-term desertification process and assessing the relative roles of its drivers in Central Asia. <i>Ecological Indicators</i> , 2019 , 104, 195-208	5.8	50
24	Increasing risk of glacial lake outburst floods from future Third Pole deglaciation. <i>Nature Climate Change</i> , 2021 , 11, 411-417	21.4	40
23	Lake-area mapping in the Tibetan Plateau: an evaluation of data and methods. <i>International Journal of Remote Sensing</i> , 2017 , 38, 742-772	3.1	38
22	Monitoring land sensitivity to desertification in Central Asia: Convergence or divergence?. <i>Science of the Total Environment</i> , 2019 , 658, 669-683	10.2	36
21	Automated Water Classification in the Tibetan Plateau Using Chinese GF-1 WFV Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2017 , 83, 509-519	1.6	24
20	Assessing land degradation and quantifying its drivers in the Amudarya River delta. <i>Ecological Indicators</i> , 2019 , 107, 105595	5.8	23
19	Determining variable weights for an Optimal Scaled Drought Condition Index (OSDCI): Evaluation in Central Asia. <i>Remote Sensing of Environment</i> , 2019 , 231, 111220	13.2	20
18	Comparison of Methods for Estimating Fractional Cover of Photosynthetic and Non-Photosynthetic Vegetation in the Otindag Sandy Land Using GF-1 Wide-Field View Data. <i>Remote Sensing</i> , 2016 , 8, 800	5	18
17	Sustained growth of high mountain lakes in the headwaters of the Syr Darya River, Central Asia. <i>Global and Planetary Change</i> , 2019 , 176, 84-99	4.2	16
16	The effects of water stress on croplands in the Aral Sea basin. <i>Journal of Cleaner Production</i> , 2020 , 254, 120114	10.3	14
15	Assessment of CMIP6 in simulating precipitation over arid Central Asia. <i>Atmospheric Research</i> , 2021 , 252, 105451	5.4	11
14	Evaluation of Glacial Lake Outburst Flood Susceptibility Using Multi-Criteria Assessment Framework in Mahalangur Himalaya. <i>Frontiers in Earth Science</i> , 2021 , 8,	3.5	11
13	Numerous unreported glacial lake outburst floods in the Third Pole revealed by high-resolution satellite data and geomorphological evidence. <i>Science Bulletin</i> , 2021 , 66, 1270-1270	10.6	9
12	Exploring Variability in Landscape Ecological Risk and Quantifying Its Driving Factors in the Amu Darya Delta. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 17,	4.6	8

11	The 2020 glacial lake outburst flood at Jinwuco, Tibet: causes, impacts, and implications for hazard and risk assessment. <i>Cryosphere</i> , 2021 , 15, 3159-3180	5.5	7
10	Are China's water bodies (lakes) underestimated?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6308-6309	11.5	5
9	Accelerated glacier mass loss in the largest river and lake source regions of the Tibetan Plateau and its links with local water balance over 1976-2017. <i>Journal of Glaciology</i> , 1-15	3.4	4
8	Assessing vegetation stability to climate variability in Central Asia. <i>Journal of Environmental Management</i> , 2021 , 298, 113330	7.9	3
7	Towards ice-thickness inversion: an evaluation of global digital elevation models (DEMs) in the glacierized Tibetan Plateau. <i>Cryosphere</i> , 2022 , 16, 197-218	5.5	2
6	The Potential of Multispectral Vegetation Indices Feature Space for Quantitatively Estimating the Photosynthetic, Non-Photosynthetic Vegetation and Bare Soil Fractions in Northern China. <i>Photogrammetric Engineering and Remote Sensing</i> , 2019 , 85, 65-76	1.6	1
5	Future changes of drought characteristics in Coupled Model Intercomparison Project phase 6 Shared Socioeconomic Pathway scenarios over Central Asia. <i>International Journal of Climatology</i> ,	3.5	1
4	Using Synthetic Remote Sensing Indicators to Monitor the Land Degradation in a Salinized Area. <i>Remote Sensing</i> , 2021 , 13, 2851	5	1
3	Spatiotemporal Monitoring of Soil CO ₂ Efflux in a Subtropical Forest during the Dry Season Based on Field Observations and Remote Sensing Imagery. <i>Remote Sensing</i> , 2021 , 13, 3481	5	1
2	Probabilistic assessment of vegetation vulnerability to drought stress in Central Asia.. <i>Journal of Environmental Management</i> , 2022 , 310, 114504	7.9	1
1	Disentangling the relative effects of soil moisture and vapor pressure deficit on photosynthesis in dryland Central Asia. <i>Ecological Indicators</i> , 2022 , 137, 108698	5.8	0