

List of Publications by Year in descending order

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48
papers

2,623
citations

236833

25
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197736

49
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51
all docs

51
docs citations

51
times ranked

2578
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and analysis of lake water storage changes on the Tibetan Plateau using multi-mission satellite data. <i>Remote Sensing of Environment</i> , 2013, 135, 25-35.	4.6	305
2	Recent global decline in endorheic basin water storages. <i>Nature Geoscience</i> , 2018, 11, 926-932.	5.4	282
3	A regional-scale assessment of Himalayan glacial lake changes using satellite observations from 1990 to 2015. <i>Remote Sensing of Environment</i> , 2017, 189, 1-13.	4.6	240
4	Representative lake water extent mapping at continental scales using multi-temporal Landsat-8 imagery. <i>Remote Sensing of Environment</i> , 2016, 185, 129-141.	4.6	175
5	Remote sensing of alpine lake water environment changes on the Tibetan Plateau and surroundings: A review. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 92, 26-37.	4.9	130
6	Seasonal and abrupt changes in the water level of closed lakes on the Tibetan Plateau and implications for climate impacts. <i>Journal of Hydrology</i> , 2014, 514, 131-144.	2.3	94
7	Unified fusion of remote-sensing imagery: generating simultaneously high-resolution synthetic spatial-temporal spectral earth observations. <i>Remote Sensing Letters</i> , 2013, 4, 561-569.	0.6	85
8	Glacial lake evolution in the southeastern Tibetan Plateau and the cause of rapid expansion of proglacial lakes linked to glacial-hydrogeomorphic processes. <i>Journal of Hydrology</i> , 2016, 540, 504-514.	2.3	80
9	Heterogeneous glacial lake changes and links of lake expansions to the rapid thinning of adjacent glacier termini in the Himalayas. <i>Geomorphology</i> , 2017, 280, 30-38.	1.1	80
10	Global open-access DEM performances in Earth's most rugged region High Mountain Asia: A multi-level assessment. <i>Geomorphology</i> , 2019, 338, 16-26.	1.1	65
11	Long-term surface water changes and driving cause in Xiong'an, China: from dense Landsat time series images and synthetic analysis. <i>Science Bulletin</i> , 2018, 63, 708-716.	4.3	62
12	Heterogeneous changes of glaciers over the western Kunlun Mountains based on ICESat and Landsat-8 derived glacier inventory. <i>Remote Sensing of Environment</i> , 2015, 168, 13-23.	4.6	60
13	Contrasting evolution patterns between glacier-fed and non-glacier-fed lakes in the Tanggula Mountains and climate cause analysis. <i>Climatic Change</i> , 2016, 135, 493-507.	1.7	60
14	A Global Assessment of Terrestrial Evapotranspiration Increase Due to Surface Water Area Change. <i>Earth's Future</i> , 2019, 7, 266-282.	2.4	60
15	Recent Changes in Land Water Storage and its Contribution to Sea Level Variations. <i>Surveys in Geophysics</i> , 2017, 38, 131-152.	2.1	59
16	Shifts in water-level variation of Namco in the central Tibetan Plateau from ICESat and CryoSat-2 altimetry and station observations. <i>Science Bulletin</i> , 2015, 60, 1287-1297.	4.3	56
17	Can mountain glacier melting explains the GRACE-observed mass loss in the southeast Tibetan Plateau: From a climate perspective?. <i>Global and Planetary Change</i> , 2015, 124, 1-9.	1.6	56
18	Inter-annual changes of alpine inland lake water storage on the Tibetan Plateau: Detection and analysis by integrating satellite altimetry and optical imagery. <i>Hydrological Processes</i> , 2014, 28, 2411-2418.	1.1	49

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19	Recent dynamics of alpine lakes on the endorheic Changtang Plateau from multi-mission satellite data. <i>Journal of Hydrology</i> , 2017, 552, 633-645.	2.3	47
20	China's inland water dynamics: The significance of water body types. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13876-13878.	3.3	42
21	Heterogeneous change patterns of water level for inland lakes in High Mountain Asia derived from multi-mission satellite altimetry. <i>Hydrological Processes</i> , 2015, 29, 2769-2781.	1.1	41
22	Century-scale Reconstruction of Water Storage Changes of the Largest Lake in the Inner Mongolia Plateau Using a Machine Learning Approach. <i>Water Resources Research</i> , 2021, 57, e2020WR028831.	1.7	37
23	Which heterogeneous glacier melting patterns can be robustly observed from space? A multi-scale assessment in southeastern Tibetan Plateau. <i>Remote Sensing of Environment</i> , 2020, 242, 111777.	4.6	36
24	Temporal Variability of Precipitation and Biomass of Alpine Grasslands on the Northern Tibetan Plateau. <i>Remote Sensing</i> , 2019, 11, 360.	1.8	33
25	Large-scale mapping of gully-affected areas: An approach integrating Google Earth images and terrain skeleton information. <i>Geomorphology</i> , 2018, 314, 13-26.	1.1	32
26	Impact of amplified evaporation due to lake expansion on the water budget across the inner Tibetan Plateau. <i>International Journal of Climatology</i> , 2020, 40, 2091-2105.	1.5	24
27	Precipitation variability in High Mountain Asia from multiple datasets and implication for water balance analysis in large lake basins. <i>Global and Planetary Change</i> , 2016, 145, 20-29.	1.6	23
28	Remote Sensing-Based Modeling of the Bathymetry and Water Storage for Channel-Type Reservoirs Worldwide. <i>Water Resources Research</i> , 2020, 56, e2020WR027147.	1.7	23
29	Divergent Causes of Terrestrial Water Storage Decline Between Drylands and Humid Regions Globally. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	23
30	Remote Sensing Detection of Vegetation and Landform Damages by Coal Mining on the Tibetan Plateau. <i>Sustainability</i> , 2018, 10, 3851.	1.6	22
31	Automatic watershed delineation in the Tibetan endorheic basin: A lake-oriented approach based on digital elevation models. <i>Geomorphology</i> , 2020, 358, 107127.	1.1	22
32	Satellite Laser Altimetry Reveals a Net Water Mass Gain in Global Lakes With Spatial Heterogeneity in the Early 21st Century. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	22
33	Ongoing Drainage Reorganization Driven by Rapid Lake Growths on the Tibetan Plateau. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095795.	1.5	21
34	Remote sensing estimation of the flood storage capacity of basin-scale lakes and reservoirs at high spatial and temporal resolutions. <i>Science of the Total Environment</i> , 2022, 807, 150772.	3.9	19
35	Integration of TanDEM-X and SRTM DEMs and Spectral Imagery to Improve the Large-Scale Detection of Opencast Mining Areas. <i>Remote Sensing</i> , 2020, 12, 1451.	1.8	18
36	Water Residence Time and Temperature Drive the Dynamics of Dissolved Organic Matter in Alpine Lakes in the Tibetan Plateau. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006908.	1.9	18

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37	Homogenization of surface temperature data in High Mountain Asia through comparison of reanalysis data and station observations. <i>International Journal of Climatology</i> , 2016, 36, 1088-1101.	1.5	15
38	Estimation of mass balance of Dongkemadi glaciers with multiple methods based on multi-mission satellite data. <i>Quaternary International</i> , 2015, 371, 58-66.	0.7	14
39	Satellite and UAV-based remote sensing for assessing the flooding risk from Tibetan lake expansion and optimizing the village relocation site. <i>Science of the Total Environment</i> , 2022, 802, 149928.	3.9	14
40	Recent Dramatic Variations of China's Two Largest Freshwater Lakes: Natural Process or Influenced by the Three Gorges Dam?. <i>Environmental Science & Technology</i> , 2014, 48, 2086-2087.	4.6	13
41	An Effective Low-Cost Remote Sensing Approach to Reconstruct the Long-Term and Dense Time Series of Area and Storage Variations for Large Lakes. <i>Sensors</i> , 2019, 19, 4247.	2.1	12
42	Recent Abnormal Hydrologic Behavior of Tibetan Lakes Observed by Multi-Mission Altimeters. <i>Remote Sensing</i> , 2020, 12, 2986.	1.8	12
43	Identifying Emerging Reservoirs along Regulated Rivers Using Multi-Source Remote Sensing Observations. <i>Remote Sensing</i> , 2019, 11, 25.	1.8	11
44	Regional assessment of the potential risks of rapid lake expansion impacting on the Tibetan human living environment. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	7
45	Spatially and Temporally Resolved Monitoring of Glacial Lake Changes in Alps During the Recent Two Decades. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	7
46	Large-Scale Detection of the Tableland Areas and Erosion-Vulnerable Hotspots on the Chinese Loess Plateau. <i>Remote Sensing</i> , 2022, 14, 1946.	1.8	7
47	Lake Level Reconstructed From DEM-Based Virtual Station: Comparison of Multisource DEMs With Laser Altimetry and UAV-LiDAR Measurements. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	3
48	Remote Sensing Investigation of the Offset Effect between Reservoir Impoundment and Glacier Meltwater Supply in Tibetan Highland Catchment. <i>Water (Switzerland)</i> , 2021, 13, 1307.	1.2	2