

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1428625/publications.pdf>

Version: 2024-02-01

48
papers

2,623
citations

236833

25
h-index

197736

49
g-index

51
all docs

51
docs citations

51
times ranked

2578
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Divergent Causes of Terrestrial Water Storage Decline Between Drylands and Humid Regions Globally. <i>Geophysical Research Letters</i> , 2021, 48, . | 1.5 | 23 |
| 12 | Ongoing Drainage Reorganization Driven by Rapid Lake Growths on the Tibetan Plateau. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095795. | 1.5 | 21 |
| 13 | 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 |
| 14 | Recent Abnormal Hydrologic Behavior of Tibetan Lakes Observed by Multi-Mission Altimeters. <i>Remote Sensing</i> , 2020, 12, 2986. | 1.8 | 12 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Temporal Variability of Precipitation and Biomass of Alpine Grasslands on the Northern Tibetan Plateau. <i>Remote Sensing</i> , 2019, 11, 360. | 1.8 | 33 |
| 23 | 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 |
| 24 | Identifying Emerging Reservoirs along Regulated Rivers Using Multi-Source Remote Sensing Observations. <i>Remote Sensing</i> , 2019, 11, 25. | 1.8 | 11 |
| 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 | Remote Sensing Detection of Vegetation and Landform Damages by Coal Mining on the Tibetan Plateau. <i>Sustainability</i> , 2018, 10, 3851. | 1.6 | 22 |
| 27 | Recent global decline in endorheic basin water storages. <i>Nature Geoscience</i> , 2018, 11, 926-932. | 5.4 | 282 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |