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## List of Publications by Year in descending order

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42  
papers

832  
citations

623574

14  
h-index

526166

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g-index

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all docs

42  
docs citations

42  
times ranked

1150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Terrestrial water storage regime and its change in the endorheic Tibetan Plateau. <i>Science of the Total Environment</i> , 2022, 815, 152729.	3.9	5
2	Maximizing Multi-Decadal Water Surface Elevation Estimates With Landsat Imagery and Elevation/Bathymetry Datasets. <i>Water Resources Research</i> , 2022, 58, .	1.7	2
3	Tracking lake surface elevations with proportional hypsometric relationships, Landsat imagery, and multiple DEMs. <i>Water Resources Research</i> , 2021, 57, .	1.7	12
4	Automated Mapping of Historical Native American Land Allotments at the Standing Rock Sioux Reservation Using Geographic Information Systems. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 183.	1.4	1
5	Upward shifts in elevational limits of forest and grassland for Mexican volcanoes over three decades. <i>Biotropica</i> , 2021, 53, 798-807.	0.8	7
6	Long-Term Lake Area Change and Its Relationship with Climate in the Endorheic Basins of the Tibetan Plateau. <i>Remote Sensing</i> , 2021, 13, 5125.	1.8	10
7	Constrained trajectory simplification with speed preservation. <i>Cartography and Geographic Information Science</i> , 2020, 47, 110-124.	1.4	5
8	Error assessment of grid-based terrain shading algorithms for solar radiation modeling over complex terrain. <i>Transactions in GIS</i> , 2020, 24, 230-252.	1.0	7
9	Susceptibility mapping of damming landslide based on slope unit using frequency ratio model. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	16
10	Accurate and Efficient Calculation of Three-Dimensional Cost Distance. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 353.	1.4	3
11	An analytical reductionist framework to separate the effects of climate change and human activities on variation in water use efficiency. <i>Science of the Total Environment</i> , 2020, 727, 138306.	3.9	47
12	Tracking Multidecadal Lake Water Dynamics with Landsat Imagery and Topography/Bathymetry. <i>Water Resources Research</i> , 2019, 55, 8350-8367.	1.7	20
13	Assimilating remote sensing data into GIS-based all sky solar radiation modeling for mountain terrain. <i>Remote Sensing of Environment</i> , 2019, 231, 111239.	4.6	21
14	Variations of Lake Ice Phenology on the Tibetan Plateau From 2001 to 2017 Based on MODIS Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 825-843.	1.2	70
15	A distributed approach for calculating inundation height based on Dijkstra's algorithm. <i>Transactions in GIS</i> , 2018, 22, 737-759.	1.0	1
16	Comprehensive accuracy assessment of MODIS daily snow cover products and gap filling methods. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 144, 435-452.	4.9	25
17	A parallelized screen-based method for rendering polylines and polygons on terrain surfaces. <i>Computers and Geosciences</i> , 2017, 99, 19-27.	2.0	10
18	Climate change and runoff response based on isotope analysis in an arid mountain watershed of the western Kunlun Mountains. <i>Hydrological Sciences Journal</i> , 2017, 62, 319-330.	1.2	7

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19	Morphing of Building Footprints Using a Turning Angle Function. ISPRS International Journal of Geo-Information, 2017, 6, 173.	1.4	9
20	Open Polar Server (OPS) – An Open Source Infrastructure for the Cryosphere Community. ISPRS International Journal of Geo-Information, 2016, 5, 32.	1.4	5
21	Impact of Sensor Zenith Angle on MOD10A1 Data Reliability and Modification of Snow Cover Data for the Tarim River Basin. Remote Sensing, 2016, 8, 750.	1.8	11
22	Fourier-based multi-scale representation and progressive transmission of cartographic curves on the internet. Cartography and Geographic Information Science, 2016, 43, 454-468.	1.4	12
23	Map algebra based analysis for directed flow networks. Transactions in GIS, 2016, 20, 356-367.	1.0	3
24	Spatial and temporal characteristics of stable isotopes in the Tarim River Basin. Isotopes in Environmental and Health Studies, 2016, 52, 281-297.	0.5	33
25	Analysis on the streamflow components of the typical inland river, Northwest China. Hydrological Sciences Journal, 2016, , 1-12.	1.2	11
26	Storm event representation and analysis based on a directed spatiotemporal graph model. International Journal of Geographical Information Science, 2016, 30, 948-969.	2.2	18
27	Life Cycle Characteristics of Warm-Season Severe Thunderstorms in Central United States from 2010 to 2014. Climate, 2016, 4, 45.	1.2	7
28	Niche-based projections of wetlands shifts with marine intrusion from sea level rise: an example analysis for North Carolina. Environmental Earth Sciences, 2015, 73, 1479-1490.	1.3	10
29	Error assessment of grid-based direct solar radiation models. International Journal of Geographical Information Science, 2015, 29, 1782-1806.	2.2	11
30	Determining the contributions of urbanisation and climate change to NPP variations over the last decade in the Yangtze River Delta, China. Science of the Total Environment, 2014, 472, 397-406.	3.9	121
31	Changes in snow and glacier cover in an arid watershed of the western Kunlun Mountains using multisource remote-sensing data. International Journal of Remote Sensing, 2014, 35, 234-252.	1.3	12
32	Delineating Sea Level Rise Inundation Using a Graph Traversal Algorithm. Marine Geodesy, 2014, 37, 267-281.	0.9	12
33	An approach to partition the anthropogenic and natural components of heavy metal accumulations in roadside agricultural soil. Environmental Monitoring and Assessment, 2011, 173, 871-881.	1.3	18
34	Heavy-metal accumulation trends in Yixing, China: an area of rapid economic development. Environmental Earth Sciences, 2010, 61, 79-86.	1.3	15
35	Preliminary global assessment of terrestrial biodiversity consequences of sea-level rise mediated by climate change. Biodiversity and Conservation, 2010, 19, 1599-1609.	1.2	34
36	Recent advances in the climate change biology literature: describing the whole elephant. Wiley Interdisciplinary Reviews: Climate Change, 2010, 1, 548-555.	3.6	8

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37	Joint Effects of Marine Intrusion and Climate Change on the Mexican Avifauna. <i>Annals of the American Association of Geographers</i> , 2010, 100, 908-916.	3.0	9
38	Feature-based cartographic modelling. <i>International Journal of Geographical Information Science</i> , 2010, 24, 141-164.	2.2	9
39	Characteristics of warm season precipitating storms in the Arkansas–Red River basin. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	10
40	Snowmelt runoff modelling in an arid mountain watershed, Tarim Basin, China. <i>Hydrological Processes</i> , 2008, 22, 3931-3940.	1.1	100
41	Risk of rising sea level to population and land area. <i>Eos</i> , 2007, 88, 105-107.	0.1	83
42	Error assessment of grid-based diffuse solar radiation models. <i>International Journal of Geographical Information Science</i> , 0, , 1-18.	2.2	2