

Shiqiang Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8812129/publications.pdf>

Version: 2024-02-01

33
papers

1,355
citations

394421

19
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

1980
citing authors

#	ARTICLE	IF	CITATIONS
1	Fusing Landsat-8, Sentinel-1, and Sentinel-2 Data for River Water Mapping Using Multidimensional Weighted Fusion Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-12.	6.3	0
2	Prolonged duration and increased severity of agricultural droughts during 1978 to 2016 detected by ESA CCI SM in the humid Yunnan Province, Southwest China. <i>Catena</i> , 2021, 198, 105036.	5.0	15
3	Evaluation of nine precipitation products with ground-based measurements during 2001 to 2013 in alpine Upper Reach of Shule River Basin, northeastern edge of the Tibetan Plateau. <i>Theoretical and Applied Climatology</i> , 2021, 144, 1101-1117.	2.8	11
4	Abundant Precipitation in Qilian Mountains Generated from the Recycled Moisture over the Adjacent Arid Hexi Corridor, Northwest China. <i>Water (Switzerland)</i> , 2021, 13, 3354.	2.7	5
5	Probabilistic River Water Mapping from Landsat-8 Using the Support Vector Machine Method. <i>Remote Sensing</i> , 2020, 12, 1374.	4.0	27
6	A Comprehensive Evaluation of 4-Parameter Diurnal Temperature Cycle Models with In Situ and MODIS LST over Alpine Meadows in the Tibetan Plateau. <i>Remote Sensing</i> , 2020, 12, 103.	4.0	4
7	Long-term changes in surface soil moisture based on CCI SM in Yunnan Province, Southwestern China. <i>Journal of Hydrology</i> , 2020, 588, 125083.	5.4	5
8	Performance of Three Reanalysis Precipitation Datasets over the Qinling-Daba Mountains, Eastern Fringe of Tibetan Plateau, China. <i>Advances in Meteorology</i> , 2019, 2019, 1-16.	1.6	19
9	Projected glacier meltwater and river runoff changes in the upper reach of the Shule River Basin, northeastern edge of the Tibetan Plateau. <i>Hydrological Processes</i> , 2019, 33, 1059-1074.	2.6	21
10	Cryospheric Science: research framework and disciplinary system. <i>National Science Review</i> , 2018, 5, 255-268.	9.5	82
11	A modified MOD16 algorithm to estimate evapotranspiration over alpine meadow on the Tibetan Plateau, China. <i>Journal of Hydrology</i> , 2018, 561, 16-30.	5.4	33
12	Detecting, Extracting, and Monitoring Surface Water From Space Using Optical Sensors: A Review. <i>Reviews of Geophysics</i> , 2018, 56, 333-360.	23.0	402
13	Recent Glacier Mass Balance and Area Changes from DEMs and Landsat Images in Upper Reach of Shule River Basin, Northeastern Edge of Tibetan Plateau during 2000 to 2015. <i>Water (Switzerland)</i> , 2018, 10, 796.	2.7	7
14	Remote estimation of terrestrial evapotranspiration by Landsat 5 TM and the SEBAL model in cold and high-altitude regions: a case study of the upper reach of the Shule River Basin, China. <i>Hydrological Processes</i> , 2017, 31, 514-524.	2.6	27
15	Temporal Evolution of Regional Drought Detected from GRACE TWSA and CCI SM in Yunnan Province, China. <i>Remote Sensing</i> , 2017, 9, 1124.	4.0	29
16	Spatial Downscaling of Suomi NPP VIIRS Image for Lake Mapping. <i>Water (Switzerland)</i> , 2017, 9, 834.	2.7	9
17	Methodological comparison of alpine meadow evapotranspiration on the Tibetan Plateau, China. <i>PLoS ONE</i> , 2017, 12, e0189059.	2.5	9
18	Evaluation of precipitation from CMORPH, GPCP-2, TRMM 3B43, GPCC, and ITPCAS with ground-based measurements in the Qinling-Daba Mountains, China. <i>PLoS ONE</i> , 2017, 12, e0185147.	2.5	24

#	ARTICLE	IF	CITATIONS
19	A Comparison of Terrain Indices toward Their Ability in Assisting Surface Water Mapping from Sentinel-1 Data. ISPRS International Journal of Geo-Information, 2017, 6, 140.	2.9	33
20	Surface Water Mapping from Suomi NPP-VIIRS Imagery at 30 m Resolution via Blending with Landsat Data. Remote Sensing, 2016, 8, 631.	4.0	33
21	Spatial Downscaling of Satellite Soil Moisture Data Using a Vegetation Temperature Condition Index. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 558-566.	6.3	125
22	Evaluation of Satellite and Reanalysis Soil Moisture Products over Southwest China Using Ground-Based Measurements. Remote Sensing, 2015, 7, 15729-15747.	4.0	86
23	Modeling Hydrologic Response to Climate Change and Shrinking Glaciers in the Highly Glacierized Kunma Like River Catchment, Central Tian Shan. Journal of Hydrometeorology, 2015, 16, 2383-2402.	1.9	51
24	Optimal antenna of ground penetrating radar for depicting the debris thickness and structure of the Koxkar Glacier, Tianshan, China. Journal of Earth Science (Wuhan, China), 2013, 24, 830-842.	3.2	2
25	Accelerated thinning of Hei Valley No. 8 Glacier in the Tianshan Mountains, China. Journal of Earth Science (Wuhan, China), 2013, 24, 1044-1055.	3.2	6
26	Coupling a glacier melt model to the Variable Infiltration Capacity (VIC) model for hydrological modeling in north-western China. Environmental Earth Sciences, 2013, 68, 87-101.	2.7	74
27	Estimating the characteristics of runoff inflow into Lake Gojal in ungauged, highly glacierized upper Hunza River Basin, Pakistan. Journal of Earth Science (Wuhan, China), 2013, 24, 234-243.	3.2	2
28	Exploring effects of rainfall intensity on soil erosion at the catchment scale using modified semmed model at the Zuli River Basin, western of loess Plateau, China. , 2012, , .		1
29	A modified monthly degree-day model for evaluating glacier runoff changes in China. Part I: model development. Hydrological Processes, 2012, 26, 1686-1696.	2.6	36
30	A modified monthly degree-day model for evaluating glacier runoff changes in China. Part II: application. Hydrological Processes, 2012, 26, 1697-1706.	2.6	26
31	Projection of glacier runoff in Yarkant River basin and Beida River basin, Western China. Hydrological Processes, 2012, 26, 2773-2781.	2.6	21
32	Glacier runoff variation and its influence on river runoff during 1961-2006 in the Tarim River Basin, China. Science China Earth Sciences, 2010, 53, 880-891.	5.2	75
33	Monitoring the glacier changes in the Muztag Ata and Konggur mountains, east Pamirs, based on Chinese Glacier Inventory and recent satellite imagery. Annals of Glaciology, 2006, 43, 79-85.	1.4	55