Shi-yin Liu

List of Publications by Year
in descending order

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153	5,660	87843	102432
papers	citations	38 h-index	66 g-index

162	162	162	3409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Declining glaciers endanger sustainable development of the oases along the Aksu-Tarim River (Central) Tj ETQq1 1 0.784314 rgBT /Over	3.2	9
2	Globally elevated chemical weathering rates beneath glaciers. Nature Communications, 2022, 13, 407.	5.8	20
3	Glacier change in China over past decades: Spatiotemporal patterns and influencing factors. Earth-Science Reviews, 2022, 226, 103926.	4.0	40
4	The Evolution of the Glacier Surges in the Tuanjie Peak, the Qilian Mountains. Remote Sensing, 2022, 14, 852.	1.8	2
5	Knowledge Priorities on Climate Change and Water in the Upper Indus Basin: A Horizon Scanning Exercise to Identify the Top 100 Research Questions in Social and Natural Sciences. Earth's Future, 2022, 10, .	2.4	14
6	Exploring the links between variations in snow cover area and climatic variables in a Himalayan catchment using earth observations and CMIP6 climate change scenarios. Journal of Hydrology, 2022, 608, 127648.	2.3	10
7	Monitoring the Surface Elevation Changes of a Monsoon Temperate Glacier with Repeated UAV Surveys, Mainri Mountains, China. Remote Sensing, 2022, 14, 2229.	1.8	3
8	Improving the accuracy of glacial lake volume estimation: A case study in the Poiqu basin, central Himalayas. Journal of Hydrology, 2022, 610, 127973.	2.3	12
9	Spatiotemporal heterogeneity of snow cover in the central and western Karakoram Mountains based on a refined MODIS product during 2002â€“2018. Atmospheric Research, 2021, 250, 105402.	1.8	16
10	Spatio-temporal variations in terrestrial water storage and its controlling factors in the Eastern Qinghai-Tibet Plateau. Hydrology Research, 2021, 52, 323-338.	1.1	7
11	Construction of the Apparent Moisture Sink Index for the Movement of the South Asian High and Associated Indicative Significance. Atmosphere - Ocean, 2021, 59, 15-28.	0.6	1
12	Modeling of the Mass Balance of Glaciers with Debris Cover. Advances in Geographical and Environmental Sciences, 2021, , 191-212.	0.4	1
13	Analysis on the Evolution and Microphysical Characteristics of Two Consecutive Hailstorms in Spring in Yunnan, China. Atmosphere, 2021, 12, 63.	1.0	0
14	Glacier-Related Hazards Along the International Karakoram Highway: Status and Future Perspectives. Frontiers in Earth Science, 2021, 9, .	0.8	15
15	Glacial change and hydrological implications in the Himalaya and Karakoram. Nature Reviews Earth & Environment, 2021, 2, 91-106.	12.2	182
16	A new automatic approach for extracting glacier centerlines based on Euclidean allocation. Cryosphere, 2021, 15, 1955-1973.	1.5	11
17	Remote Sensing Monitoring of Advancing and Surging Glaciers in the Tien Shan, 1990â€“2019. Remote Sensing, 2021, 13, 1973.	1.8	15
18	Prediction of changes in water balance of Nam Co Lake under projected climate change scenarios. Hydrological Sciences Journal, 2021, 66, 1712-1727.	1.2	2

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19	Characterizing the behaviour of surge-type glaciers in the Geladandong Mountain Region, Inner Tibetan Plateau, from 1986 to 2020. Geomorphology, 2021, 389, 107806.	1.1	7
20	Assessment of Spatial and Temporal Pattern of Hydrological Droughts in the Upper Indus Basin, Pakistan. Polish Journal of Environmental Studies, 2021, 30, 4633-4645.	0.6	2
21	Overview of terrestrial water storage changes over the Indus River Basin based on GRACE/GRACE-FO solutions. Science of the Total Environment, 2021, 799, 149366.	3.9	27
22	Longbasaba Glacier recession and contribution to its proglacial lake volume between 1988 and 2018. Journal of Glaciology, 2021, 67, 473-484.	1.1	9
23	Quantification of glacier mass budgets in the Karakoram region of Upper Indus Basin during the early twenty-first century. Journal of Hydrology, 2021, 603, 127095.	2.3	8
24	Flood Hazard Mapping of Rivers in Snow- and Glacier-Fed Basins of Different Hydrological Regimes Using a Hydrodynamic Model under RCP Scenarios. Water (Switzerland), 2021, 13, 2806.	1.2	1
25	Hydrological Response of the Kunhar River Basin in Pakistan to Climate Change and Anthropogenic Impacts on Runoff Characteristics. Water (Switzerland), 2021, 13, 3163.	1.2	9
26	Spatio-temporal trends in snow extent and their linkage to hydro-climatological and topographical factors in the Chitral River Basin (Hindukush, Pakistan). Geocarto International, 2020, 35, 711-734.	1.7	27
27	Glacial changes in the GangdisÃª Mountains from 1970 to 2016. Journal of Chinese Geography, 2020, 30, 131-144.	1.5	15
28	Upward Expansion of Supra-Glacial Debris Cover in the Hunza Valley, Karakoram, During 1990 âˆ¼ 2019. Frontiers in Earth Science, 2020, 8, .	0.8	27
29	Monitoring the Ice Phenology of Qinghai Lake from 1980 to 2018 Using Multisource Remote Sensing Data and Google Earth Engine. Remote Sensing, 2020, 12, 2217.	1.8	19
30	Dynamics of glacier surface velocity and ice thickness for maritime glaciers in the southeastern Tibetan Plateau. Journal of Hydrology, 2020, 590, 125527.	2.3	31
31	Surging Dynamics of Glaciers in the Hunza Valley under an Equilibrium Mass State since 1990. Remote Sensing, 2020, 12, 2922.	1.8	19
32	Appraisal of Climate Change and Its Impact on Water Resources of Pakistan: A Case Study of Mangla Watershed. Atmosphere, 2020, 11, 1071.	1.0	19
33	Glacier mass changes over Duxueshan, Burog Kangri, and Zangser Kangri in the Inner Tibetan Plateau. Environmental Earth Sciences, 2020, 79, 1.	1.3	4
34	Spatio-temporal changes in the six major glaciers of the Chitral River basin (Hindukush Region of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	11
35	Interannual flow dynamics driven by frontal retreat of a lake-terminating glacier in the Chinese Central Himalaya. Earth and Planetary Science Letters, 2020, 546, 116450.	1.8	39
36	Glacier Variations at Xinqingfeng and Malan Ice Caps in the Inner Tibetan Plateau Since 1970. Remote Sensing, 2020, 12, 421.	1.8	6

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37	Lake inventory and potentially dangerous glacial lakes in the Nyang Qu Basin of China between 1970 and 2016. Journal of Mountain Science, 2020, 17, 851-870.	0.8	8
38	Glacial lake inventory of high-mountain Asia in 1990 and 2018 derived from Landsat images. Earth System Science Data, 2020, 12, 2169-2182.	3.7	112
39	Development of Threshold Levels and a Climate-Sensitivity Model of the Hydrological Regime of the High-Altitude Catchment of the Western Himalayas, Pakistan. Water (Switzerland), 2019, 11, 1454.	1.2	19
40	Glacier change in the Tanggula Mountains, Tibetan Plateau, in 1969â€“2015. Journal of Mountain Science, 2019, 16, 2663-2678.	0.8	10
41	Spatial Heterogeneity in Glacier Mass-Balance Sensitivity across High Mountain Asia. Water (Switzerland), 2019, 11, 776.	1.2	53
42	Glacier mass balance over the central Nyainqentanglha Range during recent decades derived from remote-sensing data. Journal of Glaciology, 2019, 65, 422-439.	1.1	36
43	The Role of Debris Cover in Catchment Runoff: A Case Study of the Hailuogou Catchment, South-Eastern Tibetan Plateau. Water (Switzerland), 2019, 11, 2601.	1.2	12
44	Fluctuation analysis in the dynamic characteristics of continental glacier based on Full-Stokes model. Scientific Reports, 2019, 9, 20245.	1.6	8
45	Status and Change of the Cryosphere in the Extended Hindu Kush Himalaya Region. , 2019, , 209-255.		139
46	Glacier anomalies and relevant disaster risks on the Tibetan Plateau and surroundings. Chinese Science Bulletin, 2019, 64, 2770-2782.	0.4	44
47	Remote sensing monitoring of advancing glaciers in the Bukatage Mountains from 1973 to 2018. Journal of Natural Resources, 2019, 34, 1666.	0.4	4
48	Definition and classification system of glacial lake for inventory and hazards study. Journal of Chinese Geography, 2018, 28, 193-205.	1.5	66
49	Full-Stokes modeling of a polar continental glacier: the dynamic characteristics response of the XD Glacier to ice thickness. Acta Mechanica, 2018, 229, 2393-2411.	1.1	9
50	An inventory of historical glacial lake outburst floods in the Himalayas based on remote sensing observations and geomorphological analysis. Geomorphology, 2018, 308, 91-106.	1.1	132
51	Glacier variations at Aru Co in western Tibet from 1971 to 2016 derived from remote-sensing data. Journal of Glaciology, 2018, 64, 397-406.	1.1	24
52	Glacier changes in the Qilian Mountains in the past half-century: Based on the revised First and Second Chinese Glacier Inventory. Journal of Chinese Geography, 2018, 28, 206-220.	1.5	70
53	Enumerating the Effects of Climate Change on Water Resources Using GCM Scenarios at the Xinâ€™anjiang Watershed, China. Water (Switzerland), 2018, 10, 1296.	1.2	14
54	Seasonal Variation of Drainage System in the Lower Ablation Area of a Monsoonal Temperate Debris-Covered Glacier in Mt. Gongga, South-Eastern Tibet. Water (Switzerland), 2018, 10, 1050.	1.2	9

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55	Numerical Modeling of the Seasonal Dynamic Characteristics of the Koxkar Glacier, in West Tianshan, China. Journal of the Geological Society of India, 2018, 92, 457-464.	0.5	3
56	Farmersâ€™ perceptions of and adaptations to drought in Herat Province, Afghanistan. Journal of Mountain Science, 2018, 15, 1741-1756.	0.8	32
57	Monitoring and simulation of hydrothermal conditions indicating the deteriorating stability of a perennially frozen moraine dam in the Himalayas. Journal of Glaciology, 2018, 64, 407-416.	1.1	5
58	Recent glacier mass balance and area changes in the Kangri Karpo Mountains from DEMs and glacier inventories. Cryosphere, 2018, 12, 103-121.	1.5	61
59	Evaluation and Hydrological Simulation of CMADS and CFSR Reanalysis Datasets in the Qinghai-Tibet Plateau. Water (Switzerland), 2018, 10, 513.	1.2	46
60	Changes of glaciers and glacial lakes implying corridor-barrier effects and climate change in the Hengduan Shan, southeastern Tibetan Plateau. Journal of Glaciology, 2017, 63, 535-542.	1.1	34
61	Quick Release of Internal Water Storage in a Glacier Leads to Underestimation of the Hazard Potential of Glacial Lake Outburst Floods From Lake Merzbacher in Central Tian Shan Mountains. Geophysical Research Letters, 2017, 44, 9786-9795.	1.5	25
62	A regional-scale assessment of Himalayan glacial lake changes using satellite observations from 1990 to 2015. Remote Sensing of Environment, 2017, 189, 1-13.	4.6	240
63	An analysis of the ice temperature and velocity along the main flowline of Guliya Ice Cap of Western Kunlun Mountains based on glacier dynamical model. Chinese Science Bulletin, 2017, 62, 3910-3920.	0.4	1
64	Characterizing the May 2015 Karayaylak Glacier surge in the eastern Pamir Plateau using remote sensing. Journal of Glaciology, 2016, 62, 944-953.	1.1	46
65	Recent glacier and glacial lake changes and their interactions in the Bugyai Kangri, southeast Tibet. Annals of Glaciology, 2016, 57, 61-69.	2.8	25
66	Heterogeneity of glacial lake expansion and its contrasting signals with climate change in Tarim Basin, Central Asia. Environmental Earth Sciences, 2016, 75, 1.	1.3	25
67	Heterogeneity in supraglacial debris thickness and its role in glacier mass changes of the Mount Gongga. Science China Earth Sciences, 2016, 59, 170-184.	2.3	31
68	Glacier change in the western Nyainqentanglha Range, Tibetan Plateau using historical maps and Landsat imagery: 1970-2014. Journal of Mountain Science, 2016, 13, 1358-1374.	0.8	11
69	Glacier changes since the early 1960s, eastern Pamir, China. Journal of Mountain Science, 2016, 13, 276-291.	0.8	16
70	Response of glacier mass balance to climate change in the Tianshan Mountains during the second half of the twentieth century. Climate Dynamics, 2016, 46, 303-316.	1.7	47
71	Mass Change of Glaciers in Muztag Ataâ€“Kongur Tagh, Eastern Pamir, China from 1971/76 to 2013/14 as Derived from Remote Sensing Data. PLoS ONE, 2016, 11, e0147327.	1.1	47
72	The second Chinese glacier inventory: data, methods and results. Journal of Glaciology, 2015, 61, 357-372.	1.1	399

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73	An accurate and fast forward model of threeâ€dimensional electromagnetic wave scattering in a layered structure with multilayer rough interfaces. Radio Science, 2015, 50, 211-228.	0.8	2
74	Glacial Area Changes in the Ili River Catchment (Northeastern Tian Shan) in Xinjiang, China, from the 1960s to 2009. Advances in Meteorology, 2015, 2015, 1-12.	0.6	17
75	Multilayer simulations for Martian subsurface radar soundings. , 2015, , .		0
76	Glacier runoff and its impact in a highly glacierized catchment in the southeastern Tibetan Plateau: past and future trends. Journal of Glaciology, 2015, 61, 713-730.	1.1	47
77	A framework of numerical simulation on moraine-dammed glacial lake outburst floods. Journal of Arid Land, 2015, 7, 728-740.	0.9	5
78	Quaternary glaciations and glacial landform evolution in the Tailan River valley, Tianshan Range, China. Quaternary International, 2015, 358, 2-11.	0.7	6
79	Effects of atmospheric circulation on summertime precipitation variability and glacier mass balance over the Tuyuksu Glacier in Tianshan Mountains, Kazakhstan. Journal of Arid Land, 2015, 7, 687-695.	0.9	10
80	The glaciers of the Hindu Kush Himalayas: current status and observed changes from the 1980s to 2010. International Journal of Water Resources Development, 2015, 31, 161-173.	1.2	113
81	Glacier changes and their impacts on the discharge in the past half-century in Tekes watershed, Central Asia. Physics and Chemistry of the Earth, 2015, 89-90, 96-103.	1.2	12
82	Regimes of runoff components on the debris-covered Koxkar glacier in western China. Journal of Mountain Science, 2015, 12, 313-329.	0.8	5
83	Mass loss from glaciers in the Chinese Altai Mountains between 1959 and 2008 revealed based on historical maps, SRTM, and ASTER images. Journal of Mountain Science, 2015, 12, 330-343.	0.8	22
84	Glacier changes during the past 40 years in the West Kunlun Shan. Journal of Mountain Science, 2015, 12, 344-357.	0.8	32
85	Distribution and interannual variability of supraglacial lakes on debris-covered glaciers in the Khan Tengri-Tumor Mountains, Central Asia. Environmental Research Letters, 2015, 10, 014014.	2.2	28
86	Impact of climate change on the streamflow in the glacierized Chu River Basin, Central Asia. Journal of Arid Land, 2015, 7, 501-513.	0.9	36
87	The surface energy budget on the debris-covered Koxkar Glacier in China. Environmental Earth Sciences, 2014, 72, 4503-4510.	1.3	6
88	Radar signal simulation on investigation of subsurface structure by radar ice depth sounder. , 2014, , .		0
89	Spatial-temporal characteristics of lake area variations in Hoh Xil region from 1970 to 2011. Journal of Chinese Geography, 2014, 24, 689-702.	1.5	21
90	Glacier changes in the Koshi River basin, central Himalaya, from 1976 to 2009, derived from remote-sensing imagery. Annals of Glaciology, 2014, 55, 61-68.	2.8	25

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91	Index for hazard of Glacier Lake Outburst flood of Lake Merzbacher by satellite-based monitoring of lake area and ice cover. Global and Planetary Change, 2013, 107, 229-237.	1.6	29
92	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.	1.1	2
93	Accelerated thinning of Hei Valley No. 8 Glacier in the Tianshan Mountains, China. Journal of Earth Science (Wuhan, China), 2013, 24, 1044-1055.	1.1	6
94	Quaternary glacial chronology of the Kanas River valley, Altai Mountains, China. Quaternary International, 2013, 311, 44-53.	0.7	40
95	Inclusion of glacier processes for distributed hydrological modeling at basin scale with application to a watershed in Tianshan Mountains, northwest China. Journal of Hydrology, 2013, 477, 72-85.	2.3	108
96	The 2008/09 surge of central Yulinchuan glacier, northern Tibetan Plateau, as monitored by remote sensing. Annals of Glaciology, 2013, 54, 299-310.	2.8	36
97	Changes of glacial lakes and implications in Tian Shan, central Asia, based on remote sensing data from 1990 to 2010. Environmental Research Letters, 2013, 8, 044052.	2.2	104
98	Recent Changes in Glacial Area and Volume on Tuanjiefeng Peak Region of Qilian Mountains, China. PLoS ONE, 2013, 8, e70574.	1.1	33
99	Glacial Lake Expansion in the Central Himalayas by Landsat Images, 1990â€“2010. PLoS ONE, 2013, 8, e83973.	1.1	97
100	Volume calculation and analysis of the changes in moraine-dammed lakes in the north Himalaya: a case study of Longbasaba lake. Journal of Glaciology, 2012, 58, 753-760.	1.1	51
101	Monitoring thickness and volume changes of the Dongkemadi Ice Field on the Qinghai-Tibetan Plateau (1969â€“2000) using Shuttle Radar Topography Mission and map data. International Journal of Digital Earth, 2012, 5, 516-532.	1.6	21
102	OSL and ESR dating of glacial deposits and its implications for glacial landform evolution in the Bogeda Peak area, Tianshan range, China. Quaternary Geochronology, 2012, 10, 237-243.	0.6	24
103	Imaging the debris internal structure and estimating the effect of debris layer on ablation of Glacier ice. Journal of the Geological Society of India, 2012, 80, 825-835.	0.5	9
104	Analyzing Yengisogat Glacier surface velocities with ALOS PALSAR data feature tracking, Karakoram, China. Environmental Earth Sciences, 2012, 67, 1033-1043.	1.3	19
105	Thinning and shrinkage of Laohugou No. 12 glacier in the Western Qilian Mountains, China, from 1957 to 2007. Journal of Mountain Science, 2012, 9, 343-350.	0.8	37
106	Catchment-scale reconstruction of glacier mass balance using observations and global climate data: Case study of the Hailuogou catchment, south-eastern Tibetan Plateau. Journal of Hydrology, 2012, 444-445, 146-160.	2.3	45
107	A modified monthly degreeâ€day model for evaluating glacier runoff changes in China. Part I: model development. Hydrological Processes, 2012, 26, 1686-1696.	1.1	36
108	The relationship between runoff and ground temperature in glacierized catchments in China. Environmental Earth Sciences, 2012, 65, 681-687.	1.3	3

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109	Movement estimate of the Dongkemadi Glacier on the Qinghaiâ€“Tibetan Plateau using L-band and C-band spaceborne SAR data. International Journal of Remote Sensing, 2011, 32, 6911-6928.	1.3	22
110	Initial estimate of the contribution of cryospheric change in China to sea level rise. Science Bulletin, 2011, 56, 1661-1664.	1.7	11
111	The glacier area changes in the Qangtang Plateau based on the multi-temporal grid method and its sensitivity to climate change. Journal of Mountain Science, 2011, 8, 882-893.	0.8	6
112	Distribution of debris thickness and its effect on ice melt at Hailuogou glacier, southeastern Tibetan Plateau, using in situ surveys and ASTER imagery. Journal of Glaciology, 2011, 57, 1147-1157.	1.1	130
113	Remote sensing based glacial lake inventory in the Hindu Kush-Himalaya region. , 2011, , .		3
114	Expansion of moraine-dammed glacial lake in the central Himalayas from 1977 to 2009. , 2011, , .		0
115	Applying SAR interferometric coherence to outline debris-covered glacier. , 2011, , .		4
116	Backwasting rate on debris-covered Koxkar glacier, Tuomuer mountain, China. Journal of Glaciology, 2010, 56, 287-296.	1.1	66
117	Recent shrinkage and hydrological response of Hailuogou glacier, a monsoon temperate glacier on the east slope of Mount Gongga, China. Journal of Glaciology, 2010, 56, 215-224.	1.1	62
118	Glacial runoff characteristics of the Koxkar Glacier, Tuomuer-Khan Tengri Mountain Ranges, China. Environmental Earth Sciences, 2010, 61, 665-674.	1.3	28
119	Glacial advances and ESR chronology of the Pochengzi Glaciation, Tianshan Mountains, China. Science China Earth Sciences, 2010, 53, 403-410.	2.3	9
120	Identification of ice elevation change of the Shuiguan River No. 4 glacier in the Qilian Mountains, China. Journal of Mountain Science, 2010, 7, 375-379.	0.8	15
121	Changes in the elevation and extent of two glaciers along the Yanglonghe river, Qilian Shan, China. Journal of Glaciology, 2010, 56, 309-317.	1.1	35
122	Multi-decadal ice-velocity and elevation changes of a monsoonal maritime glacier: Hailuogou glacier, China. Journal of Glaciology, 2010, 56, 65-74.	1.1	54
123	Glacial geomorphology and glacial history of the Muzart River valley, Tianshan Range, China. Quaternary Science Reviews, 2010, 29, 1453-1463.	1.4	40
124	Glacier changes during the last forty years in the Tarim Interior River basin, northwest China. Progress in Natural Science: Materials International, 2009, 19, 727-732.	1.8	79
125	Quaternary glacial chronology of the Ateaoyinake River Valley, Tianshan Mountains, China. Geomorphology, 2009, 103, 276-284.	1.1	48
126	Glacier changes from a new inventory, Nianchu river basin, Tibetan Plateau. Annals of Glaciology, 2009, 50, 87-92.	2.8	12

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127	Temporal dynamics of a jÃ¶kulhlaup system. Journal of Glaciology, 2009, 55, 651-665.	1.1	36
128	Glacier change and glacier runoff variation in the Tuotuo River basin, the source region of Yangtze River in western China. Environmental Geology, 2008, 56, 59-68.	1.2	63
129	Progress on observation of cryospheric components and climate-related studies in China. Advances in Atmospheric Sciences, 2008, 25, 164-180.	1.9	19
130	Progresses in the ice formation of glaciers in China. Frontiers of Earth Science, 2008, 2, 346-355.	0.5	0
131	Thinning and retreat of Xiao Dongkemadi glacier, Tibetan Plateau, since 1993. Journal of Glaciology, 2008, 54, 949-951.	1.1	34
132	Glacier changes in the west Kunlun Shan from 1970 to 2001 derived from Landsat TM/ETM+ and Chinese glacier inventory data. Annals of Glaciology, 2007, 46, 204-208.	2.8	50
133	Glacier meltwater and runoff modelling, Keqicar Baqi glacier,southwestern Tien Shan, China. Journal of Glaciology, 2007, 53, 91-98.	1.1	40
134	Observed changes of cryosphere in China over the second half of the 20th century: an overview. Annals of Glaciology, 2007, 46, 382-390.	2.8	40
135	Climatic control on the peak discharge of glacier outburst floods. Geophysical Research Letters, 2007, 34, .	1.5	49
136	Regional difference of annual precipitation and discharge variation over west China during the last 50 years. Science in China Series D: Earth Sciences, 2007, 50, 936-945.	0.9	22
137	ESR dating of glacial tills and glaciations in the Urumqi River headwaters, Tianshan Mountains, China. Quaternary International, 2006, 144, 61-67.	0.7	64
138	The retreat of glaciers in response to recent climate warming in western China. Annals of Glaciology, 2006, 43, 97-105.	2.8	137
139	Mass-balance characteristics of ÃœrÃ¼mqi glacier No. 1, Tien Shan, China. Annals of Glaciology, 2006, 43, 323-328.	2.8	30
140	Glacier changes during the past century in the Gangrigabu mountains, southeast Qinghaiâ€“Xizang (Tibetan) Plateau, China. Annals of Glaciology, 2006, 43, 187-193.	2.8	33
141	Response of meltwater runoff to air-temperature fluctuations on Keqikaer glacier, south slope of Tuomuer mountain, western China. Annals of Glaciology, 2006, 43, 275-279.	2.8	10
142	Peculiar phenomena regarding climatic and glacial variations on the Tibetan Plateau. Annals of Glaciology, 2006, 43, 106-110.	2.8	21
143	Application of a degree-day model for the determination of contributions to glacier meltwater and runoff near Keqicar Baqi glacier, southwestern Tien Shan. Annals of Glaciology, 2006, 43, 280-284.	2.8	20
144	The land ecological evolutional patterns in the source areas of the Yangtze and Yellow Rivers in the past 15 years, China. Environmental Monitoring and Assessment, 2006, 116, 137-156.	1.3	23

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145	Glacier retreat as a result of climate warming and increased precipitation in the Tarim river basin, northwest China. Annals of Glaciology, 2006, 43, 91-96.	2.8	108
146	Observed degree-day factors and their spatial variation on glaciers in western China. Annals of Glaciology, 2006, 43, 301-306.	2.8	120
147	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.	2.8	55
148	Changes of climate and seasonally frozen ground over the past 30 years in Qinghaiâ€“Xizang (Tibetan) Plateau, China. Global and Planetary Change, 2004, 43, 19-31.	1.6	230
149	Estimation on the response of glaciers in China to the global warming in the 21st century. Science Bulletin, 2000, 45, 668-672.	1.7	187
150	Study on the glacier variation and its runoff responses in the arid region of Northwest China. Science in China Series D: Earth Sciences, 1999, 42, 64-71.	0.9	18
151	Mass balance sensitivity to climate change: A case study of glacier No. 1 at urumqi riverhead, Tianshan Mountains, China. Chinese Geographical Science, 1999, 9, 134-140.	1.2	23
152	The study of glacier fluctuations using remote sensing on the Mt. Geladandong and A'nyemaqen in the Qinghai-Tibetan Plateau. , 0, , .		1
153	DERIVATION OF SUPRAGLACIAL DEBRIS COVER BY MACHINE LEARNING ALGORITHMS ON THE GEE PLATFORM: A CASE STUDY OF GLACIERS IN THE HUNZA VALLEY. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-3-2020, 417-424.	0.0	3