

Xiang Qin

List of Publications by Citations

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44
papers

614
citations

13
h-index

23
g-index

47
ext. papers

771
ext. citations

3.8
avg, IF

3.58
L-index

#	Paper	IF	Citations
44	Glacier variations and climate change in the central Himalaya over the past few decades. <i>Annals of Glaciology</i> , 2006 , 43, 218-222	2.5	67
43	Concentration, sources and light absorption characteristics of dissolved organic carbon on a medium-sized valley glacier, northern Tibetan Plateau. <i>Cryosphere</i> , 2016 , 10, 2611-2621	5.5	53
42	Characteristics and Changes in Air Temperature and Glacier Response on the North Slope of Mt. Qomolangma (Mt. Everest). <i>Arctic, Antarctic, and Alpine Research</i> , 2011 , 43, 147-160	1.8	47
41	New insights into trace elements deposition in the snow packs at remote alpine glaciers in the northern Tibetan Plateau, China. <i>Science of the Total Environment</i> , 2015 , 529, 101-113	10.2	43
40	Provenance of cryoconite deposited on the glaciers of the Tibetan Plateau: New insights from Nd-Sr isotopic composition and size distribution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 7371-7382	4.4	32
39	The Surface Energy Budget in the Accumulation Zone of the Laohugou Glacier No. 12 in the Western Qilian Mountains, China, in Summer 2009. <i>Arctic, Antarctic, and Alpine Research</i> , 2012 , 44, 296-308	1.8	32
38	Ablation modeling and surface energy budget in the ablation zone of Laohugou glacier No. 12, western Qilian mountains, China. <i>Annals of Glaciology</i> , 2014 , 55, 111-120	2.5	31
37	Temperature and methane records over the last 2 ka in Dasuopu ice core. <i>Science in China Series D: Earth Sciences</i> , 2002 , 45, 1068-1074		26
36	Observed and modelled ice temperature and velocity along the main flowline of East Rongbuk Glacier, Qomolangma (Mount Everest), Himalaya. <i>Journal of Glaciology</i> , 2013 , 59, 438-448	3.4	22
35	The response of surface mass and energy balance of a continental glacier to climate variability, western Qilian Mountains, China. <i>Climate Dynamics</i> , 2018 , 50, 3557-3570	4.2	19
34	Physicochemical impacts of dust particles on alpine glacier meltwater at the Laohugou Glacier basin in western Qilian Mountains, China. <i>Science of the Total Environment</i> , 2014 , 493, 930-42	10.2	19
33	Variability in individual particle structure and mixing states between the glacier snowpack and atmosphere in the northeastern Tibetan Plateau. <i>Cryosphere</i> , 2018 , 12, 3877-3890	5.5	19
32	Dissolved organic carbon fractionation accelerates glacier-melting: A case study in the northern Tibetan Plateau. <i>Science of the Total Environment</i> , 2018 , 627, 579-585	10.2	16
31	Glacier meltwater runoff process analysis using δD and $\delta^{18}O$ isotope and chemistry at the remote Laohugou glacier basin in western Qilian Mountains, China. <i>Journal of Chinese Geography</i> , 2016 , 26, 722-734	3.7	13
30	Spatial variation of stable isotopes in different waters during melt season in the Laohugou Glacial Catchment, Shule River basin. <i>Journal of Mountain Science</i> , 2016 , 13, 1453-1463	2.1	13
29	Hydrological characteristics of the Rongbuk Glacier catchment in Mt. Qomolangma region in the central Himalayas, China. <i>Journal of Mountain Science</i> , 2010 , 7, 146-156	2.1	12
28	A 47-year high resolution chemistry record of atmospheric environment change from the Laohugou Glacier No. 12, north slope of Qilian Mountains, China. <i>Quaternary International</i> , 2013 , 313-314, 137-146 ²		11

27	Glacier velocity measurements in the eastern Yigong Zangbo basin, Tibet, China. <i>Journal of Glaciology</i> , 2013 , 59, 1060-1068	3.4	11
26	Variations of Laohugou Glacier No. 12 in the western Qilian Mountains, China, from 1957 to 2015. <i>Journal of Mountain Science</i> , 2018 , 15, 25-32	2.1	10
25	Effect of Data Assimilation Using WRF-3DVAR for Heavy Rain Prediction on the Northeastern Edge of the Tibetan Plateau. <i>Advances in Meteorology</i> , 2015 , 2015, 1-14	1.7	9
24	Temporal and diurnal analysis of trace elements in the Cryospheric water at remote Laohugou basin in northeast Tibetan Plateau. <i>Chemosphere</i> , 2017 , 171, 386-398	8.4	8
23	Preliminary Study on Effects of Glacial Retreat on the Dominant Glacial Snow Bacteria in Laohugou Glacier No. 12. <i>Geomicrobiology Journal</i> , 2015 , 32, 113-118	2.5	8
22	Effects of clouds on surface melting of Laohugou glacier No. 12, western Qilian Mountains, China. <i>Journal of Glaciology</i> , 2018 , 64, 89-99	3.4	8
21	Modeling regional and local-scale permafrost distribution in Qinghai-Tibet Plateau using equivalent-elevation method. <i>Chinese Geographical Science</i> , 2012 , 22, 278-287	2.9	8
20	Chemical characteristics and environmental records of a snow-pit at the Glacier No. 12 in the Laohugou Valley, Qilian Mountains. <i>Journal of Earth Science (Wuhan, China)</i> , 2014 , 25, 379-385	2.2	7
19	Variations of the alpine precipitation from an ice core record of the Laohugou glacier basin during 1960-2006 in western Qilian Mountains, China. <i>Journal of Chinese Geography</i> , 2015 , 25, 165-176	3.7	7
18	Meteorological features at 6523 m of Mt. Qomolangma (Everest) between 1 May and 22 July 2005. <i>Journal of Mountain Science</i> , 2006 , 3, 181-190	2.1	7
17	Potential Effect of Black Carbon on Glacier Mass Balance during the Past 55 Years of Laohugou Glacier No. 12, Western Qilian Mountains. <i>Journal of Earth Science (Wuhan, China)</i> , 2020 , 31, 410-418	2.2	7
16	Pressure and temperature feasibility of NCEP/NCAR reanalysis data at Mt. Everest. <i>Journal of Mountain Science</i> , 2008 , 5, 32-37	2.1	6
15	Feasibility comparison of reanalysis data from NCEP-I and NCEP-II in the Himalayas. <i>Journal of Mountain Science</i> , 2009 , 6, 56-65	2.1	5
14	Can summer monsoon moisture invade the Jade Pass in Northwestern China?. <i>Climate Dynamics</i> , 2020 , 55, 3101-3115	4.2	5
13	Estimation of Shortwave Solar Radiation on Clear-Sky Days for a Valley Glacier with Sentinel-2 Time Series. <i>Remote Sensing</i> , 2020 , 12, 927	5	4
12	Observational Study of Surface Wind Regime on the North Slope of Mount Qomolangma (Mount Everest). <i>Arctic, Antarctic, and Alpine Research</i> , 2015 , 47, 807-817	1.8	4
11	Monsoon Clouds Control the Summer Surface Energy Balance on East Rongbuk Glacier (6,523m Above Sea Level), the Northern of Mt. Qomolangma (Everest). <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033998	4.4	4
10	Variations in annual accumulation recorded in a Laohugou ice core from the northeastern Tibetan Plateau and their relationship with atmospheric circulation. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	4

9	The effect of decreasing permafrost stability on ecosystem carbon in the northeastern margin of the Qinghai-Tibet Plateau. <i>Scientific Reports</i> , 2018 , 8, 4172	4.9	3
8	Simulation of Runoff and Glacier Mass Balance and Sensitivity Analysis in a Glacierized Basin, North-Eastern Qinhai-Tibetan Plateau, China. <i>Water (Switzerland)</i> , 2018 , 10, 1259	3	3
7	Quantifying the impact of landscape changes on hydrological variables in the alpine and cold region using hydrological model and remote sensing data. <i>Hydrological Processes</i> , 2021 , 35, e14392	3.3	3
6	Stream temperature dynamics in Nam Co basin, southern Tibetan Plateau. <i>Journal of Mountain Science</i> , 2017 , 14, 2458-2470	2.1	2
5	Eight-year analysis of radiative properties of clouds and its impact on melting on the Laohugou Glacier No. 12, western Qilian Mountains. <i>Atmospheric Research</i> , 2021 , 250, 105410	5.4	2
4	Review of pre-processing technologies for ice cores. <i>Journal of Mountain Science</i> , 2018 , 15, 1950-1960	2.1	2
3	Spatial distribution of marine chemicals along a transect from Zhongshan Station to the Grove Mountain area, Eastern Antarctica. <i>Science China Earth Sciences</i> , 2014 , 57, 2366-2373	4.6	1
2	Chemical characteristics of four kinds of water in the rongbuk glacier basin, Mount Qomolangma. <i>Chinese Geographical Science</i> , 1999 , 9, 274-278	2.9	1
1	Black carbon and dust in the Third Pole glaciers: Revaluated concentrations, mass absorption cross-sections and contributions to glacier ablation. <i>Science of the Total Environment</i> , 2021 , 789, 147746	10.2	0