

Shi-chang Kang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2968448/shi-chang-kang-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

571
papers

19,129
citations

71
h-index

107
g-index

607
ext. papers

23,552
ext. citations

5.8
avg, IF

7.22
L-index

#	Paper	IF	Citations
571	Modification and coupled use of technologies are an essential envisioned need for bioaerosol study [An emerging public health concern. <i>Fundamental Research</i> , 2022 ,		1
570	Globally elevated chemical weathering rates beneath glaciers.. <i>Nature Communications</i> , 2022 , 13, 407	17.4	1
569	High-spatial-resolution distributions of aerosol chemical characteristics in urban Lanzhou, western China, during wintertime: Insights from an on-road mobile aerosol mass spectrometry measurement experiment.. <i>Science of the Total Environment</i> , 2022 , 819, 153069	10.2	
568	Mt. Everest's highest glacier is a sentinel for accelerating ice loss. <i>Npj Climate and Atmospheric Science</i> , 2022 , 5,	8	5
567	Nitrogenous and carbonaceous aerosols in PM and TSP during pre-monsoon: Characteristics and sources in the highly polluted mountain valley.. <i>Journal of Environmental Sciences</i> , 2022 , 115, 10-24	6.4	2
566	First observation of mercury species on an important water vapor channel in the southeastern Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 2651-2668	6.8	1
565	Seasonal taxonomic composition of microbial community shaping the bioaerosols milieu of the urban city of Lanzhou.. <i>Archives of Microbiology</i> , 2022 , 204, 222	3	0
564	Amplified wintertime Barents Sea warming linked to intensified Barents oscillation. <i>Environmental Research Letters</i> , 2022 , 17, 044068	6.2	1
563	Endolithic microbes of rocks, their community, function and survival strategies. <i>International Biodeterioration and Biodegradation</i> , 2022 , 169, 105387	4.8	2
562	Melting Himalayas and mercury export: Results of continuous observations from the Rongbuk Glacier on Mt. Everest and future insights.. <i>Water Research</i> , 2022 , 218, 118474	12.5	1
561	Arctic air mass triggered the extreme temperature events recorded in the Laohugou ice core from the northeastern Tibetan Plateau. <i>Atmospheric Research</i> , 2021 , 265, 105909	5.4	0
560	Quantification and implication of measurement bias of ambient atmospheric BC concentration. <i>Atmospheric Environment</i> , 2021 , 249, 118244	5.3	0
559	Black Carbon in Surface Soil and Its Sources in Three Central Asian Countries. <i>Archives of Environmental Contamination and Toxicology</i> , 2021 , 80, 558-566	3.2	0
558	Black carbon concentration in the central Himalayas: Impact on glacier melt and potential source contribution. <i>Environmental Pollution</i> , 2021 , 275, 116544	9.3	11
557	Glacial record of trace metal pollution over the Central Himalayas and its surroundings: Distribution, variation, and anthropogenic signals. <i>Atmospheric Research</i> , 2021 , 251, 105428	5.4	1
556	Accelerating permafrost collapse on the eastern Tibetan Plateau. <i>Environmental Research Letters</i> , 2021 , 16, 054023	6.2	4
555	Sources and light absorption characteristics of water-soluble organic carbon (WSOC) of atmospheric particles at a remote area in inner Himalayas and Tibetan Plateau. <i>Atmospheric Research</i> , 2021 , 253, 105472	5.4	2

554	Reduced microbial stability in the active layer is associated with carbon loss under alpine permafrost degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	13
553	Warming amplification over the Arctic Pole and Third Pole: Trends, mechanisms and consequences. <i>Earth-Science Reviews</i> , 2021 , 217, 103625	10.2	25
552	Lake water storage change estimation and its linkage with terrestrial water storage change in the northeastern Tibetan Plateau. <i>Journal of Mountain Science</i> , 2021 , 18, 1737-1747	2.1	0
551	Hf-Nd-Sr Isotopic Composition of the Tibetan Plateau Dust as a Fingerprint for Regional to Hemispherical Transport. <i>Environmental Science & Technology</i> , 2021 , 55, 10121-10132	10.3	1
550	Characteristics of dissolved organic carbon and nitrogen in precipitation in the northern Tibetan Plateau. <i>Science of the Total Environment</i> , 2021 , 776, 145911	10.2	5
549	Major ions and irrigation water quality assessment of the Nepalese Himalayan rivers. <i>Environment, Development and Sustainability</i> , 2021 , 23, 2668-2680	4.5	7
548	Mercury biogeochemistry over the Tibetan Plateau: An overview. <i>Critical Reviews in Environmental Science and Technology</i> , 2021 , 51, 577-602	11.1	6
547	Evidence for Large Amounts of Brown Carbonaceous Tarballs in the Himalayan Atmosphere. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 16-23	11	11
546	Spatiotemporal variability of snow cover timing and duration over the Eurasian continent during 1966-2012. <i>Science of the Total Environment</i> , 2021 , 750, 141670	10.2	6
545	Culture Independent Diversity of Bacterial Communities Indigenous to Lower Altitude at Laohugou Glacial Environment. <i>Geomicrobiology Journal</i> , 2021 , 38, 1-13	2.5	2
544	Investigation of black carbon climate effects in the Arctic in winter and spring. <i>Science of the Total Environment</i> , 2021 , 751, 142145	10.2	2
543	New insights into heavy metal elements deposition in the snowpacks of mountain glaciers in the eastern Tibetan Plateau. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 207, 111228	7	8
542	Concentration, sources and wet deposition of dissolved nitrogen and organic carbon in the Northern Indo-Gangetic Plain during monsoon. <i>Journal of Environmental Sciences</i> , 2021 , 102, 37-52	6.4	7
541	Airborne bacterial communities over the Tibetan and Mongolian Plateaus: variations and their possible sources. <i>Atmospheric Research</i> , 2021 , 247, 105215	5.4	3
540	Fluorescence characteristics of water-soluble organic carbon in atmospheric aerosol. <i>Environmental Pollution</i> , 2021 , 268, 115906	9.3	13
539	Spatial distribution and potential sources of methanesulfonic acid in High Asia glaciers. <i>Atmospheric Research</i> , 2021 , 248, 105227	5.4	1
538	Water-soluble organic and inorganic nitrogen in ambient aerosols over the Himalayan middle hills: Seasonality, sources, and transport pathways. <i>Atmospheric Research</i> , 2021 , 250, 105376	5.4	13
537	Carbonaceous matter in the atmosphere and glaciers of the Himalayas and the Tibetan plateau: An investigative review. <i>Environment International</i> , 2021 , 146, 106281	12.9	14

536	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
535	Continuously observed light absorbing impurities in snow cover over the southern Altai Mts. in China: Concentrations, impacts and potential sources. <i>Environmental Pollution</i> , 2021 , 270, 116234	9.3	3
534	Isotopic signatures of stratospheric air at the Himalayas and beyond. <i>Science Bulletin</i> , 2021 , 66, 323-326	10.6	2
533	Microplastics in glaciers of the Tibetan Plateau: Evidence for the long-range transport of microplastics. <i>Science of the Total Environment</i> , 2021 , 758, 143634	10.2	42
532	Light absorption and fluorescence characteristics of water-soluble organic compounds in carbonaceous particles at a typical remote site in the southeastern Himalayas and Tibetan Plateau. <i>Environmental Pollution</i> , 2021 , 272, 116000	9.3	6
531	Snow cover controls seasonally frozen ground regime on the southern edge of Altai Mountains. <i>Agricultural and Forest Meteorology</i> , 2021 , 297, 108271	5.8	4
530	Contribution of South Asian biomass burning to black carbon over the Tibetan Plateau and its climatic impact. <i>Environmental Pollution</i> , 2021 , 270, 116195	9.3	6
529	New insights into trace elements in the water cycle of a karst-dominated glacierized region, southeast Tibetan Plateau. <i>Science of the Total Environment</i> , 2021 , 751, 141725	10.2	3
528	Spatio-temporal characteristics of air pollutants over Xinjiang, northwestern China. <i>Environmental Pollution</i> , 2021 , 268, 115907	9.3	12
527	Microplastics in freshwater sediment: A review on methods, occurrence, and sources. <i>Science of the Total Environment</i> , 2021 , 754, 141948	10.2	76
526	Bacterial Diversity and Communities Structural Dynamics in Soil and Meltwater Runoff at the Frontier of Baishui Glacier No.1, China. <i>Microbial Ecology</i> , 2021 , 81, 370-384	4.4	4
525	Glacier elevation change in the Western Qilian mountains as observed by TerraSAR-X/TanDEM-X images. <i>Geocarto International</i> , 2021 , 36, 1365-1377	2.7	2
524	Shallow hot-point drill system for active layer temperature measurement along Zhongshan Dome A traverse, Antarctica. <i>Annals of Glaciology</i> , 2021 , 62, 157-165	2.5	0
523	Significant Influence of Carbonates on Determining Organic Carbon and Black Carbon: A Case Study in Tajikistan, Central Asia. <i>Environmental Science & Technology</i> , 2021 , 55, 2839-2846	10.3	5
522	PM chemical composition and light absorption properties in urban and rural areas within Sichuan Basin, southwest China. <i>Environmental Pollution</i> , 2021 , 280, 116970	9.3	1
521	Variation of sea ice and perspectives of the Northwest Passage in the Arctic Ocean. <i>Advances in Climate Change Research</i> , 2021 , 12, 447-455	4.1	2
520	Prediction of changes in water balance of Nam Co Lake under projected climate change scenarios. <i>Hydrological Sciences Journal</i> , 2021 , 66, 1712-1727	3.5	1
519	Microplastics in soil: A review on methods, occurrence, sources, and potential risk. <i>Science of the Total Environment</i> , 2021 , 780, 146546	10.2	91

518	Sulfur aerosols in the Arctic, Antarctic, and Tibetan Plateau: Current knowledge and future perspectives. <i>Earth-Science Reviews</i> , 2021 , 220, 103753	10.2	1
517	Regional Differences in the Light Absorption Properties of Fine Particulate Matter Over the Tibetan Plateau: Insights From HR-ToF-AMS and Aethalometer Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126,	4.4	1
516	Perspectives on future sea ice and navigability in the Arctic. <i>Cryosphere</i> , 2021 , 15, 5473-5482	5.5	2
515	Resurrection of inactive microbes and resistome present in the natural frozen world: Reality or myth?. <i>Science of the Total Environment</i> , 2020 , 735, 139275	10.2	12
514	Projected Changes in Snow Water Equivalent over the Tibetan Plateau under Global Warming of 1.5°C and 2°C. <i>Journal of Climate</i> , 2020 , 33, 5141-5154	4.4	5
513	Data on DOC and N from the Muz tau glacier in Central Asia. <i>Data in Brief</i> , 2020 , 30, 105556	1.2	
512	Mercury variation and export in trans-Himalayan rivers: Insights from field observations in the Koshi River. <i>Science of the Total Environment</i> , 2020 , 738, 139836	10.2	8
511	Pigment production by cold-adapted bacteria and fungi: colorful tale of cryosphere with wide range applications. <i>Extremophiles</i> , 2020 , 24, 447-473	3	22
510	PM and O pollution during 2015-2019 over 367 Chinese cities: Spatiotemporal variations, meteorological and topographical impacts. <i>Environmental Pollution</i> , 2020 , 264, 114694	9.3	58
509	Glacier mass and area changes on the Kenai Peninsula, Alaska, 1986-2016. <i>Journal of Glaciology</i> , 2020 , 66, 603-617	3.4	5
508	A new method for extraction of methanol-soluble brown carbon: Implications for investigation of its light absorption ability. <i>Environmental Pollution</i> , 2020 , 262, 114300	9.3	5
507	Two heavy haze events over Lumbini in southern Nepal: Enhanced aerosol radiative forcing and heating rates. <i>Atmospheric Environment</i> , 2020 , 236, 117658	5.3	10
506	Microbial Community Composition Analysis in Spring Aerosols at Urban and Remote Sites over the Tibetan Plateau. <i>Atmosphere</i> , 2020 , 11, 527	2.7	3
505	Black carbon and mercury in the surface sediments of Selin Co, central Tibetan Plateau: Covariation with total carbon. <i>Science of the Total Environment</i> , 2020 , 721, 137752	10.2	4
504	Black carbon and mineral dust on two glaciers on the central Tibetan Plateau: sources and implications. <i>Journal of Glaciology</i> , 2020 , 66, 248-258	3.4	6
503	Effects of black carbon and mineral dust on glacial melting on the Muz Tau glacier, Central Asia. <i>Science of the Total Environment</i> , 2020 , 740, 140056	10.2	17
502	Atmospheric microplastics: A review on current status and perspectives. <i>Earth-Science Reviews</i> , 2020 , 203, 103118	10.2	286
501	Tibetan Plateau amplification of climate extremes under global warming of 1.5 °C, 2 °C and 3 °C. <i>Global and Planetary Change</i> , 2020 , 192, 103261	4.2	19

500	Chemical characterization of submicron particulate matter (PM1) emitted by burning highland barley in the northeastern part of the Qinghai-Tibet Plateau. <i>Atmospheric Environment</i> , 2020 , 224, 11735-11741	5.3	3
499	Sources and spatio-temporal distribution of aerosol polycyclic aromatic hydrocarbons throughout the Tibetan Plateau. <i>Environmental Pollution</i> , 2020 , 261, 114144	9.3	12
498	Light absorption properties of elemental carbon (EC) and water-soluble brown carbon (WS-BrC) in the Kathmandu Valley, Nepal: A 5-year study. <i>Environmental Pollution</i> , 2020 , 261, 114239	9.3	18
497	Latest observations of total gaseous mercury in a megacity (Lanzhou) in northwest China. <i>Science of the Total Environment</i> , 2020 , 720, 137494	10.2	7
496	Characteristics of Dissolved Organic Matter from a Transboundary Himalayan Watershed: Relationships with Land Use, Elevation, and Hydrology. <i>ACS Earth and Space Chemistry</i> , 2020 , 4, 449-456	3.2	8
495	Natural versus anthropogenic sources and seasonal variability of insoluble precipitation residues at Laohugou Glacier in northeastern Tibetan Plateau. <i>Environmental Pollution</i> , 2020 , 261, 114114	9.3	1
494	Climate and hydrological changes in the Ob River Basin during 1936-2017. <i>Hydrological Processes</i> , 2020 , 34, 1821-1836	3.3	12
493	Severe air pollution and characteristics of light-absorbing particles in a typical rural area of the Indo-Gangetic Plain. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 10617-10628	5.1	10
492	Relative contribution of mineral dust versus black carbon to Third Pole glacier melting. <i>Atmospheric Environment</i> , 2020 , 223, 117288	5.3	10
491	The vertical profiles of carbonaceous aerosols and key influencing factors during wintertime over western Sichuan Basin, China. <i>Atmospheric Environment</i> , 2020 , 223, 117269	5.3	10
490	Assessments of the factors controlling latent heat flux and the coupling degree between an alpine wetland and the atmosphere on the Qinghai-Tibetan Plateau in summer. <i>Atmospheric Research</i> , 2020 , 240, 104937	5.4	1
489	Characterization, sources and transport of dissolved organic carbon and nitrogen from a glacier in the Central Asia. <i>Science of the Total Environment</i> , 2020 , 725, 138346	10.2	13
488	Decoupling Natural and Anthropogenic Mercury and Lead Transport from South Asia to the Himalayas. <i>Environmental Science & Technology</i> , 2020 , 54, 5429-5436	10.3	11
487	Vegetation Mediated Mercury Flux and Atmospheric Mercury in the Alpine Permafrost Region of the Central Tibetan Plateau. <i>Environmental Science & Technology</i> , 2020 , 54, 6043-6052	10.3	4
486	Soil thermal regime alteration under experimental warming in permafrost regions of the central Tibetan Plateau. <i>Geoderma</i> , 2020 , 372, 114397	6.7	8
485	Going to Extremes: Installing the World's Highest Weather Stations on Mount Everest. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E1870-E1890	6.1	31
484	Study on Mercury in PM10 at an Urban Site in the Central Indo-Gangetic Plain: Seasonal Variability and Influencing Factors. <i>Aerosol and Air Quality Research</i> , 2020 , 20, 2729-2740	4.6	9
483	Impact of topography on black carbon transport to the southern Tibetan Plateau during the pre-monsoon season and its climatic implication. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 5923-5943	6.8	12

482	Satellite-observed monthly glacier and snow mass changes in southeast Tibet: implication for substantial meltwater contribution to the Brahmaputra. <i>Cryosphere</i> , 2020 , 14, 2267-2281	5.5	13
481	Columnar aerosol properties and radiative effects over Dushanbe, Tajikistan in Central Asia. <i>Environmental Pollution</i> , 2020 , 265, 114872	9.3	13
480	Desert dust as a significant carrier of atmospheric mercury. <i>Environmental Pollution</i> , 2020 , 267, 115442	9.3	8
479	Light absorption, fluorescence properties and sources of brown carbon aerosols in the Southeast Tibetan Plateau. <i>Environmental Pollution</i> , 2020 , 257, 113616	9.3	23
478	Investigation of variations, causes and component distributions of PM2.5 mass in China using a coupled regional climate-chemistry model. <i>Atmospheric Pollution Research</i> , 2020 , 11, 319-331	4.5	4
477	Investigation of distribution, transportation, and impact factors of atmospheric black carbon in the Arctic region based on a regional climate-chemistry model. <i>Environmental Pollution</i> , 2020 , 257, 113127	9.3	12
476	Measurement of mercury, other trace elements and major ions in wet deposition at Jomsom: The semi-arid mountain valley of the Central Himalaya. <i>Atmospheric Research</i> , 2020 , 234, 104691	5.4	25
475	High particulate carbon deposition in Lhasa-a typical city in the Himalayan-Tibetan Plateau due to local contributions. <i>Chemosphere</i> , 2020 , 247, 125843	8.4	7
474	Seasonality of carbonaceous aerosol composition and light absorption properties in Karachi, Pakistan. <i>Journal of Environmental Sciences</i> , 2020 , 90, 286-296	6.4	15
473	Regional Differences of Chemical Composition and Optical Properties of Aerosols in the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD031226	4.4	7
472	A hybrid method for PM2.5 source apportionment through WRF-Chem simulations and an assessment of emission-reduction measures in western China. <i>Atmospheric Research</i> , 2020 , 236, 104787	5.4	7
471	Chemical components and distributions in precipitation in the Third Pole 2020 , 3-41		1
470	Chemical components and distributions in glaciers of the Third Pole 2020 , 71-134		0
469	Nutrients and organic carbons in river waters of the Third Pole 2020 , 179-209		
468	Permafrost degradation enhances the risk of mercury release on Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , 2020 , 708, 135127	10.2	17
467	Investigating air pollutant concentrations, impact factors, and emission control strategies in western China by using a regional climate-chemistry model. <i>Chemosphere</i> , 2020 , 246, 125767	8.4	15
466	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
465	Black carbon in surface soil of the Himalayas and Tibetan Plateau and its contribution to total black carbon deposition at glacial region. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 2670-2676	5.1	5

464	Critical contribution of south Asian residential emissions to atmospheric black carbon over the Tibetan plateau. <i>Science of the Total Environment</i> , 2020 , 709, 135923	10.2	13
463	Microbial mercury methylation profile in terminus of a high-elevation glacier on the northern boundary of the Tibetan Plateau. <i>Science of the Total Environment</i> , 2020 , 708, 135226	10.2	6
462	Light-absorbing impurities accelerating glacial melting in southeastern Tibetan Plateau. <i>Environmental Pollution</i> , 2020 , 257, 113541	9.3	14
461	Review of snow cover variation over the Tibetan Plateau and its influence on the broad climate system. <i>Earth-Science Reviews</i> , 2020 , 201, 103043	10.2	52
460	Elevation dependent warming over the Tibetan Plateau: Patterns, mechanisms and perspectives. <i>Earth-Science Reviews</i> , 2020 , 210, 103349	10.2	33
459	Isotopic constraints on the formation pathways and sources of atmospheric nitrate in the Mt. Everest region. <i>Environmental Pollution</i> , 2020 , 267, 115274	9.3	5
458	A review of black carbon in snow and ice and its impact on the cryosphere. <i>Earth-Science Reviews</i> , 2020 , 210, 103346	10.2	52
457	Investigation of the spatio-temporal heterogeneity and optical property of water-soluble organic carbon in atmospheric aerosol and snow over the Yulong Snow Mountain, southeastern Tibetan Plateau. <i>Environment International</i> , 2020 , 144, 106045	12.9	3
456	Dissolved organic carbon in Alaskan Arctic snow: concentrations, light-absorption properties, and bioavailability. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2020 , 72, 1-19	3.3	6
455	Spatial and temporal variations of refractory black carbon along the transect from Zhongshan Station to Dome A, eastern Antarctica. <i>Atmospheric Environment</i> , 2020 , 242, 117816	5.3	2
454	Surface mean temperature from the observational stations and multiple reanalyses over the Tibetan Plateau. <i>Climate Dynamics</i> , 2020 , 55, 2405-2419	4.2	7
453	Observing and Modeling the Isotopic Evolution of Snow Meltwater on the Southeastern Tibetan Plateau. <i>Water Resources Research</i> , 2020 , 56, e2019WR026423	5.4	7
452	Changes in sea ice and future accessibility along the Arctic Northeast Passage. <i>Global and Planetary Change</i> , 2020 , 195, 103319	4.2	13
451	Aeolian dust transport, cycle and influences in high-elevation cryosphere of the Tibetan Plateau region: New evidences from alpine snow and ice. <i>Earth-Science Reviews</i> , 2020 , 211, 103408	10.2	5
450	Can summer monsoon moisture invade the Jade Pass in Northwestern China?. <i>Climate Dynamics</i> , 2020 , 55, 3101-3115	4.2	5
449	A Complete Isotope ($\delta^{15}N$, $\delta^{18}O$, $\delta^{17}O$) Investigation of Atmospherically Deposited Nitrate in Glacial-Hydrologic Systems Across the Third Pole Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD031878	4.4	0
448	Seasonal Variation of Mercury and Its Isotopes in Atmospheric Particles at the Coastal Zhongshan Station, Eastern Antarctica. <i>Environmental Science & Technology</i> , 2020 , 54, 11344-11355	10.3	6
447	Arctic sea-ice loss intensifies aerosol transport to the Tibetan Plateau. <i>Nature Climate Change</i> , 2020 , 10, 1037-1044	21.4	22

446	Magnetic characteristics of lake sediments in Qiangyong Co Lake, southern Tibetan Plateau and their application to the evaluation of mercury deposition. <i>Journal of Chinese Geography</i> , 2020 , 30, 1481-1494	3.7	1
445	Mercury isotopes in frozen soils reveal transboundary atmospheric mercury deposition over the Himalayas and Tibetan Plateau. <i>Environmental Pollution</i> , 2020 , 256, 113432	9.3	17
444	Carbonaceous matter in glacier at the headwaters of the Yangtze River: Concentration, sources and fractionation during the melting process. <i>Journal of Environmental Sciences</i> , 2020 , 87, 389-397	6.4	7
443	Measurements of light-absorbing impurities in snow over four glaciers on the Tibetan Plateau. <i>Atmospheric Research</i> , 2020 , 243, 105002	5.4	3
442	Aerosol characteristics and impacts on weather and climate over the Tibetan Plateau. <i>National Science Review</i> , 2020 , 7, 492-495	10.8	73
441	Cryoconite on a glacier on the north-eastern Tibetan plateau: light-absorbing impurities, albedo and enhanced melting. <i>Journal of Glaciology</i> , 2019 , 65, 633-644	3.4	7
440	Nitrogen Speciation and Isotopic Composition of Aerosols Collected at Himalayan Forest (3326 m a.s.l.): Seasonality, Sources, and Implications. <i>Environmental Science & Technology</i> , 2019 , 53, 12247-12256	10.3	15
439	Microbial mercury methylation in the cryosphere: Progress and prospects. <i>Science of the Total Environment</i> , 2019 , 697, 134150	10.2	2
438	Global warming weakening the inherent stability of glaciers and permafrost. <i>Science Bulletin</i> , 2019 , 64, 245-253	10.6	49
437	First measurement of atmospheric mercury species in Qomolangma Natural Nature Preserve, Tibetan Plateau, and evidence of transboundary pollutant invasion. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 1373-1391	6.8	12
436	Accumulation of Atmospheric Mercury in Glacier Cryoconite over Western China. <i>Environmental Science & Technology</i> , 2019 , 53, 6632-6639	10.3	13
435	Black carbon in a glacier and snow cover on the northeastern Tibetan Plateau: Concentrations, radiative forcing and potential source from local topsoil. <i>Science of the Total Environment</i> , 2019 , 686, 1030-1038	10.2	23
434	Mixing State and Fractal Dimension of Soot Particles at a Remote Site in the Southeastern Tibetan Plateau. <i>Environmental Science & Technology</i> , 2019 , 53, 8227-8234	10.3	34
433	Riverine dissolved organic carbon and its optical properties in a permafrost region of the Upper Heihe River basin in the Northern Tibetan Plateau. <i>Science of the Total Environment</i> , 2019 , 686, 370-381	10.2	16
432	Water balance change and its implications to vegetation in the Tarim River Basin, Central Asia. <i>Quaternary International</i> , 2019 , 523, 25-36	2	8
431	Autotrophic microbial community succession from glacier terminus to downstream waters on the Tibetan Plateau. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4.3	5
430	Evaluation of SWAT Model performance on glaciated and non-glaciated subbasins of Nam Co Lake, Southern Tibetan Plateau, China. <i>Journal of Mountain Science</i> , 2019 , 16, 1075-1097	2.1	6
429	Characterization of mercury concentration from soils to needle and tree rings of Schrenk spruce (<i>Picea schrenkiana</i>) of the middle Tianshan Mountains, northwestern China. <i>Ecological Indicators</i> , 2019 , 104, 24-31	5.8	9

428	Emissions from Solid Fuel Cook Stoves in the Himalaya Region. <i>Energies</i> , 2019 , 12, 1089	3.1	8
427	An Examination of Temperature Trends at High Elevations Across the Tibetan Plateau: The Use of MODIS LST to Understand Patterns of Elevation-Dependent Warming. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 5738-5756	4.4	46
426	Historical Black Carbon Reconstruction from the Lake Sediments of the Himalayan-Tibetan Plateau. <i>Environmental Science & Technology</i> , 2019 , 53, 5641-5651	10.3	20
425	Aerosol optical depth climatology over Central Asian countries based on Aqua-MODIS Collection 6.1 data: Aerosol variations and sources. <i>Atmospheric Environment</i> , 2019 , 207, 205-214	5.3	37
424	Hydrochemical assessment (major ions and Hg) of meltwater in high altitude glacierized Himalayan catchment. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 213	3.1	5
423	Identification of absorbing aerosol types at a site in the northern edge of Indo-Gangetic Plain and a polluted valley in the foothills of the central Himalayas. <i>Atmospheric Research</i> , 2019 , 223, 15-23	5.4	33
422	Molecular characterization of organic aerosols in the Kathmandu Valley, Nepal: insights into primary and secondary sources. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 2725-2747	6.8	27
421	Water-Soluble Brown Carbon in Atmospheric Aerosols from Godavari (Nepal), a Regional Representative of South Asia. <i>Environmental Science & Technology</i> , 2019 , 53, 3471-3479	10.3	70
420	Linking atmospheric pollution to cryospheric change in the Third Pole region: current progress and future prospects. <i>National Science Review</i> , 2019 , 6, 796-809	10.8	164
419	Molecular characterization of organic aerosol in the Himalayas: insight from ultra-high-resolution mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 1115-1128	6.8	15
418	Concentration, spatiotemporal distribution, and sources of mercury in Mt. Yulong, a remote site in southeastern Tibetan Plateau. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 16457-16469	5.1	6
417	Hf-Nd-Sr isotopic fingerprinting for aeolian dust deposited on glaciers in the northeastern Tibetan Plateau region. <i>Global and Planetary Change</i> , 2019 , 177, 69-80	4.2	4
416	Dissolved organic carbon in summer precipitation and its wet deposition flux in the Mt. Yulong region, southeastern Tibetan Plateau. <i>Journal of Atmospheric Chemistry</i> , 2019 , 76, 1-20	3.2	13
415	Emission Measurements from Traditional Biomass Cookstoves in South Asia and Tibet. <i>Environmental Science & Technology</i> , 2019 , 53, 3306-3314	10.3	29
414	Dissolved organic carbon in snow cover of the Chinese Altai Mountains, Central Asia: Concentrations, sources and light-absorption properties. <i>Science of the Total Environment</i> , 2019 , 647, 1385-1397	10.2	27
413	Deposition of Organic and Black Carbon: Direct Measurements at Three Remote Stations in the Himalayas and Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 9702-9715	4.4	19
412	Trace elements analysis in hair strand of cooks chronically exposed to indoor air pollution in restaurants of Lhasa, Tibet: preliminary results. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	1
411	Simulation and Analysis of the Water Balance of the Nam Co Lake Using SWAT Model. <i>Water (Switzerland)</i> , 2019 , 11, 1383	3	6

410	Vertical distribution of the Asian tropopause aerosols detected by CALIPSO. <i>Environmental Pollution</i> , 2019 , 253, 207-220	9.3	7
409	Gaseous and particulate pollutants in Lhasa, Tibet during 2013-2017: Spatial variability, temporal variations and implications. <i>Environmental Pollution</i> , 2019 , 253, 68-77	9.3	29
408	Atmospheric deposition and contamination of trace elements in snowpacks of mountain glaciers in the northeastern Tibetan Plateau. <i>Science of the Total Environment</i> , 2019 , 689, 754-764	10.2	9
407	Seasonal controls of meltwater runoff chemistry and chemical weathering at Urumqi Glacier No.1 in central Asia. <i>Hydrological Processes</i> , 2019 , 33, 3258-3281	3.3	9
406	Spatiotemporal variations of air pollutants in western China and their relationship to meteorological factors and emission sources. <i>Environmental Pollution</i> , 2019 , 254, 112952	9.3	33
405	Importance of atmospheric transport for microplastics deposited in remote areas. <i>Environmental Pollution</i> , 2019 , 254, 112953	9.3	94
404	Linking the conventional and emerging detection techniques for ambient bioaerosols: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2019 , 18, 495-523	13.9	17
403	Chemical characterization and sources of submicron aerosols in the northeastern Qinghai-Tibet Plateau: insights from high-resolution mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 7897-7911	6.8	14
402	Carbonaceous aerosol characteristics on the Third Pole: A primary study based on the Atmospheric Pollution and Cryospheric Change (APCC) network. <i>Environmental Pollution</i> , 2019 , 253, 49-60	9.3	43
401	Light-absorbing impurities in snow cover across Northern Xinjiang, China. <i>Journal of Glaciology</i> , 2019 , 65, 940-956	3.4	10
400	Dissolved Iron Supply from Asian Glaciers: Local Controls and a Regional Perspective. <i>Global Biogeochemical Cycles</i> , 2019 , 33, 1223-1237	5.9	5
399	Culture-dependent diversity of bacteria from Laohugou glacier, Qilian Mts., China and their resistance against metals. <i>Journal of Basic Microbiology</i> , 2019 , 59, 1065-1081	2.7	6
398	The transboundary transport of air pollutants and their environmental impacts on Tibetan Plateau. <i>Chinese Science Bulletin</i> , 2019 , 64, 2876-2884	2.9	5
397	Spatial and Temporal Variations of Gaseous and Particulate Pollutants in Six Sites in Tibet, China, during 2016-2017. <i>Aerosol and Air Quality Research</i> , 2019 , 19, 516-527	4.6	13
396	Assessments of the Arctic amplification and the changes in the Arctic sea surface. <i>Advances in Climate Change Research</i> , 2019 , 10, 193-202	4.1	10
395	Contrasting environmental factors drive bacterial and eukaryotic community successions in freshly deglaciated soils. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	2
394	Aerosol Properties Over Tibetan Plateau From a Decade of AERONET Measurements: Baseline, Types, and Influencing Factors. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 13357-13374	4.4	13
393	Spatiotemporal variation of aerosol and potential long-range transport impact over the Tibetan Plateau, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 14637-14656	6.8	20

392	Water quality in the Tibetan Plateau: Major ions and trace elements in rivers of the "Water Tower of Asia". <i>Science of the Total Environment</i> , 2019 , 649, 571-581	10.2	66
391	Characteristics of carbonaceous aerosols analyzed using a multiwavelength thermal/optical carbon analyzer: A case study in Lanzhou City. <i>Science China Earth Sciences</i> , 2019 , 62, 389-402	4.6	10
390	Quantifying the contributions of various emission sources to black carbon and assessment of control strategies in western China. <i>Atmospheric Research</i> , 2019 , 215, 178-192	5.4	9
389	Spatial and temporal distribution of total mercury in atmospheric wet precipitation at four sites from the Nepal-Himalayas. <i>Science of the Total Environment</i> , 2019 , 655, 1207-1217	10.2	28
388	Vital contribution of residential emissions to atmospheric fine particles (PM) during the severe wintertime pollution episodes in Western China. <i>Environmental Pollution</i> , 2019 , 245, 519-530	9.3	13
387	Understanding Mercury Cycling in Tibetan Glacierized Mountain Environment: Recent Progress and Remaining Gaps. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019 , 102, 672-678	2.7	4
386	Air Pollution in the Hindu Kush Himalaya 2019 , 339-387		16
385	Levoglucosan as a tracer of biomass burning: Recent progress and perspectives. <i>Atmospheric Research</i> , 2019 , 220, 20-33	5.4	79
384	Understanding changes in the water budget driven by climate change in cryospheric-dominated watershed of the northeast Tibetan Plateau, China. <i>Hydrological Processes</i> , 2019 , 33, 1040-1058	3.3	10
383	Aromatic acids as biomass-burning tracers in atmospheric aerosols and ice cores: A review. <i>Environmental Pollution</i> , 2019 , 247, 216-228	9.3	22
382	Biomass burning source identification through molecular markers in cryoconites over the Tibetan Plateau. <i>Environmental Pollution</i> , 2019 , 244, 209-217	9.3	8
381	Spatial variability, mixing states and composition of various haze particles in atmosphere during winter and summertime in northwest China. <i>Environmental Pollution</i> , 2019 , 246, 79-88	9.3	17
380	Heavy near-surface PM pollution in Lhasa, China during a relatively static winter period. <i>Chemosphere</i> , 2019 , 214, 314-318	8.4	8
379	Recent Third Pole Rapid Warming Accompanies Cryospheric Melt and Water Cycle Intensification and Interactions between Monsoon and Environment: Multidisciplinary Approach with Observations, Modeling, and Analysis. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, 423-444	6.1	253
378	Concentration and risk assessments of mercury along the elevation gradient in soils of Langtang Himalayas, Nepal. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019 , 25, 1006-1017	4.9	9
377	Health risk assessment of atmospheric polycyclic aromatic hydrocarbons over the Central Himalayas. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018 , 24, 1969-1982	4.9	5
376	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
375	Chemical characterization of long-range transport biomass burning emissions to the Himalayas: insights from high-resolution aerosol mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 4617-4638	6.8	24

374	Improved Land Use and Leaf Area Index Enhances WRF-3DVAR Satellite Radiance Assimilation: A Case Study Focusing on Rainfall Simulation in the Shule River Basin during July 2013. <i>Advances in Atmospheric Sciences</i> , 2018 , 35, 628-644	2.9	6
373	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
372	Cryospheric Science: research framework and disciplinary system. <i>National Science Review</i> , 2018 , 5, 255-268	268	53
371	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
370	Detection of spatio-temporal variability of air temperature and precipitation based on long-term meteorological station observations over Tianshan Mountains, Central Asia. <i>Atmospheric Research</i> , 2018 , 203, 141-163	5.4	98
369	Concentrations and source regions of light-absorbing particles in snow/ice in northern Pakistan and their impact on snow albedo. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 4981-5000	6.8	22
368	Chemical characteristics of submicron particles at the central Tibetan Plateau: insights from aerosol mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 427-443	6.8	28
367	Insights into mercury in glacier snow and its incorporation into meltwater runoff based on observations in the southern Tibetan Plateau. <i>Journal of Environmental Sciences</i> , 2018 , 68, 130-142	6.4	11
366	Observation of optical properties and sources of aerosols at Buddha's birthplace, Lumbini, Nepal: environmental implications. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 14868-14881	5.1	22
365	Mercury speciation and distribution in a glacierized mountain environment and their relevance to environmental risks in the inland Tibetan Plateau. <i>Science of the Total Environment</i> , 2018 , 631-632, 270-278	10.2	11
364	Age-dependent impacts of climate change and intrinsic water-use efficiency on the growth of Schrenk spruce (<i>Picea schrenkiana</i>) in the western Tianshan Mountains, China. <i>Forest Ecology and Management</i> , 2018 , 414, 1-14	3.9	7
363	Export of dissolved carbonaceous and nitrogenous substances in rivers of the "Water Tower of Asia". <i>Journal of Environmental Sciences</i> , 2018 , 65, 53-61	6.4	14
362	Light-absorbing impurities in a southern Tibetan Plateau glacier: Variations and potential impact on snow albedo and radiative forcing. <i>Atmospheric Research</i> , 2018 , 200, 77-87	5.4	35
361	Levels and spatial distributions of levoglucosan and dissolved organic carbon in snowpits over the Tibetan Plateau glaciers. <i>Science of the Total Environment</i> , 2018 , 612, 1340-1347	10.2	16
360	Multi-year monitoring of atmospheric total gaseous mercury at a remote high-altitude site (Nam Co, 4730 m a.s.l.) in the inland Tibetan Plateau region. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10557-10574	6.8	26
359	Seasonal variation and light absorption property of carbonaceous aerosol in a typical glacier region of the southeastern Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 6441-6460	6.8	36
358	Humic-Like Substances (HULIS) in Aerosols of Central Tibetan Plateau (Nam Co, 4730 m asl): Abundance, Light Absorption Properties, and Sources. <i>Environmental Science & Technology</i> , 2018 , 52, 7203-7211	10.3	55
357	Detection of hydrological variations and their impacts on vegetation from multiple satellite observations in the Three-River Source Region of the Tibetan Plateau. <i>Science of the Total Environment</i> , 2018 , 639, 1220-1232	10.2	42

356	Lakes on the Tibetan Plateau as Conduits of Greenhouse Gases to the Atmosphere. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018 , 123, 2091-2103	3.7	14
355	Hf-Nd-Sr Isotopic Composition as Fingerprint for Long-Range Transported Eolian Dust Deposition in Glacier Snowpack of Eastern Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 7013-7023	4.4	11
354	Atmospheric sulfur isotopic anomalies recorded at Mt. Everest across the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6964-6969	11.5	17
353	Sensitivity Analysis of Chemical Mechanisms in the WRF-Chem Model in Reconstructing Aerosol Concentrations and Optical Properties in the Tibetan Plateau. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 505-521	4.6	16
352	Source Apportionment and Risk Assessment of Atmospheric Polycyclic Aromatic Hydrocarbons in Lhasa, Tibet, China. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 1294-1304	4.6	15
351	Impacts of climate change on the discharge and glacier mass balance of the different glacierized watersheds in the Tianshan Mountains, Central Asia. <i>Hydrological Processes</i> , 2018 , 32, 126-145	3.3	11
350	Tracing the Provenance of Long-Range Transported Dust Deposition in Cryospheric Basins of the Northeast Tibetan Plateau: REEs and Trace Element Evidences. <i>Atmosphere</i> , 2018 , 9, 461	2.7	1
349	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
348	Modeling the Origin of Anthropogenic Black Carbon and Its Climatic Effect Over the Tibetan Plateau and Surrounding Regions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 671-692	4.4	49
347	Black carbon-induced snow albedo reduction over the Tibetan Plateau: Uncertainties from snow grain shape and aerosol-snow mixing state based on an updated SNICAR model 2018 ,		2
346	Large observational bias on discharge in the Indus River since 1970s. <i>Scientific Reports</i> , 2018 , 8, 17291	4.9	3
345	Importance of Local Black Carbon Emissions to the Fate of Glaciers of the Third Pole. <i>Environmental Science & Technology</i> , 2018 , 52, 14027-14028	10.3	14
344	Characteristics and sources of dissolved organic matter in a glacier in the northern Tibetan Plateau: differences between different snow categories. <i>Annals of Glaciology</i> , 2018 , 59, 31-40	2.5	4
343	Iron oxides in the cryoconite of glaciers on the Tibetan Plateau: abundance, speciation and implications. <i>Cryosphere</i> , 2018 , 12, 3177-3186	5.5	14
342	Black carbon-induced snow albedo reduction over the Tibetan Plateau: uncertainties from snow grain shape and aerosol-snow mixing state based on an updated SNICAR model. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 11507-11527	6.8	53
341	Concentration, temporal variation, and sources of black carbon in the Mt. Everest region retrieved by real-time observation and simulation. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 12859-12875	6.8	44
340	Dissolved organic carbon in glaciers of the southeastern Tibetan Plateau: Insights into concentrations and possible sources. <i>PLoS ONE</i> , 2018 , 13, e0205414	3.7	8
339	Increased mercury pollution revealed by tree rings from the China-Tianshan Mountains. <i>Science Bulletin</i> , 2018 , 63, 1328-1331	10.6	6

338	Review of pre-processing technologies for ice cores. <i>Journal of Mountain Science</i> , 2018 , 15, 1950-1960	2.1	2
337	Fossil Fuel Combustion Emission From South Asia Influences Precipitation Dissolved Organic Carbon Reaching the Remote Tibetan Plateau: Isotopic and Molecular Evidence. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 6248-6258	4.4	25
336	Long-term trends in the total columns of ozone and its precursor gases derived from satellite measurements during 2004-2015 over three different regions in South Asia: Indo-Gangetic Plain, Himalayas and Tibetan Plateau. <i>International Journal of Remote Sensing</i> , 2018 , 39, 7384-7404	3.1	5
335	Biomass-burning derived aromatic acids in NIST standard reference material 1649b and the environmental implications. <i>Atmospheric Environment</i> , 2018 , 185, 180-185	5.3	6
334	Spatiotemporal variability of snow depth across the Eurasian continent from 1966 to 2012. <i>Cryosphere</i> , 2018 , 12, 227-245	5.5	41
333	Black carbon and mineral dust in snow cover on the Tibetan Plateau. <i>Cryosphere</i> , 2018 , 12, 413-431	5.5	68
332	Importance of Mountain Glaciers as a Source of Dissolved Organic Carbon. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018 , 123, 2123-2134	3.8	27
331	Insight Into Radio-Isotope ¹²⁹ I Deposition in Fresh Snow at a Remote Glacier Basin of Northeast Tibetan Plateau, China. <i>Geophysical Research Letters</i> , 2018 , 45, 6726-6733	4.9	8
330	A chironomid-based record of temperature variability during the past 4000 years in northern China and its possible societal implications. <i>Climate of the Past</i> , 2018 , 14, 383-396	3.9	13
329	Trace elements and rare earth elements in wet deposition of Lijiang, Mt. Yulong region, southeastern edge of the Tibetan Plateau. <i>Journal of Environmental Sciences</i> , 2017 , 52, 18-28	6.4	17
328	Potential feedback between aerosols and meteorological conditions in a heavy pollution event over the Tibetan Plateau and Indo-Gangetic Plain. <i>Climate Dynamics</i> , 2017 , 48, 2901-2917	4.2	21
327	A twentieth century major soluble ion record of dust and anthropogenic pollutants from Inilchek Glacier, Tien Shan. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 1884-1900	4.4	8
326	Water chemistry of the southern Tibetan Plateau: an assessment of the Yarlung Tsangpo river basin. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	27
325	Geochemical evidence for sources of surface dust deposited on the Laohugou glacier, Qilian Mountains. <i>Applied Geochemistry</i> , 2017 , 79, 1-8	3.5	11
324	In-situ measurements of light-absorbing impurities in snow of glacier on Mt. Yulong and implications for radiative forcing estimates. <i>Science of the Total Environment</i> , 2017 , 581-582, 848-856	10.2	25
323	Composition and mixing states of brown haze particle over the Himalayas along two transboundary south-north transects. <i>Atmospheric Environment</i> , 2017 , 156, 24-35	5.3	21
322	Light-absorbing impurities accelerate glacier melt in the Central Tibetan Plateau. <i>Science of the Total Environment</i> , 2017 , 587-588, 482-490	10.2	74
321	Modulation of snow reflectance and snowmelt from Central Asian glaciers by anthropogenic black carbon. <i>Scientific Reports</i> , 2017 , 7, 40501	4.9	48

320	Assessment of water quality and health risks for toxic trace elements in urban Phewa and remote Gosainkunda lakes, Nepal. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017 , 23, 959-973	4.9	31
319	Diurnal temperature range in CMIP5 models and observations on the Tibetan Plateau. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017 , 143, 1978-1989	6.4	8
318	Distribution and variation of mercury in frozen soils of a high-altitude permafrost region on the northeastern margin of the Tibetan Plateau. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 15078-15088	5.1	14
317	Light absorption of biomass burning and vehicle emission-sourced carbonaceous aerosols of the Tibetan Plateau. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 15369-15378	5.1	29
316	Biotically mediated mercury methylation in the soils and sediments of Nam Co Lake, Tibetan Plateau. <i>Environmental Pollution</i> , 2017 , 227, 243-251	9.3	19
315	Melting glaciers: Hidden hazards. <i>Science</i> , 2017 , 356, 495	33.3	17
314	The role of melting alpine glaciers in mercury export and transport: An intensive sampling campaign in the Qugaqie Basin, inland Tibetan Plateau. <i>Environmental Pollution</i> , 2017 , 220, 936-945	9.3	25
313	Biogeography of cryoconite bacterial communities on glaciers of the Tibetan Plateau. <i>FEMS Microbiology Ecology</i> , 2017 , 93,	4.3	22
312	Insights into mercury deposition and spatiotemporal variation in the glacier and melt water from the central Tibetan Plateau. <i>Science of the Total Environment</i> , 2017 , 599-600, 2046-2053	10.2	17
311	Simple Method for High-Sensitivity Determination of Cosmogenic S in Snow and Water Samples Collected from Remote Regions. <i>Analytical Chemistry</i> , 2017 , 89, 4116-4123	7.8	5
310	Changes in precipitating snow chemistry with seasonality in the remote Laohugou glacier basin, western Qilian Mountains. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11404-11414	5.1	20
309	Characterizations of atmospheric particulate-bound mercury in the Kathmandu Valley of Nepal, South Asia. <i>Science of the Total Environment</i> , 2017 , 579, 1240-1248	10.2	33
308	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
307	Spatial variation of air quality index and urban driving factors linkages: evidence from Chinese cities. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 4457-4468	5.1	23
306	Aged dissolved organic carbon exported from rivers of the Tibetan Plateau. <i>PLoS ONE</i> , 2017 , 12, e0178166	16.7	19
305	Surface ozone at Nam Co (4730 m a.s.l.) in the inland Tibetan Plateau: variation, synthesis comparison and regional representativeness 2017 ,		1
304	Organic molecular tracers in the atmospheric aerosols from Lumbini, Nepal, in the northern Indo-Gangetic Plain: Influence of biomass burning 2017 ,		1
303	Mercury Concentrations in the Fish Community from Indrawati River, Nepal. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017 , 99, 500-505	2.7	3

302	Using Landsat images to monitor changes in the snow-covered area of selected glaciers in northern Pakistan. <i>Journal of Mountain Science</i> , 2017 , 14, 2013-2027	2.1	8
301	Glacier snowline altitude variations in the Pamirs, Tajikistan, 1998-2013: insights from remote sensing images. <i>Remote Sensing Letters</i> , 2017 , 8, 1220-1229	2.3	7
300	Characteristics of black carbon in snow from Laohugou No. 12 glacier on the northern Tibetan Plateau. <i>Science of the Total Environment</i> , 2017 , 607-608, 1237-1249	10.2	27
299	Light-absorbing impurities enhance glacier albedo reduction in the southeastern Tibetan plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 6915-6933	4.4	75
298	Distribution of light-absorbing impurities in snow of glacier on Mt. Yulong, southeastern Tibetan Plateau. <i>Atmospheric Research</i> , 2017 , 197, 474-484	5.4	26
297	Deposition and light absorption characteristics of precipitation dissolved organic carbon (DOC) at three remote stations in the Himalayas and Tibetan Plateau, China. <i>Science of the Total Environment</i> , 2017 , 605-606, 1039-1046	10.2	33
296	Light absorption by water-soluble organic carbon in atmospheric fine particles in the central Tibetan Plateau. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 21386-21397	5.1	18
295	Potentially Toxic Trace Metals in Water and Lake-Bed Sediment of Panchpokhari, an Alpine Lake Series in the Central Himalayan Region of Nepal. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	10
294	Water isotopes and hydrograph separation in different glacial catchments in the southeast margin of the Tibetan Plateau. <i>Hydrological Processes</i> , 2017 , 31, 3810-3826	3.3	25
293	Seasonal variations of organic carbon and nitrogen in the upper basins of Yangtze and Yellow Rivers. <i>Journal of Mountain Science</i> , 2017 , 14, 1577-1590	2.1	7
292	Greenhouse gases emissions in rivers of the Tibetan Plateau. <i>Scientific Reports</i> , 2017 , 7, 16573	4.9	31
291	Response of snow hydrological processes to a changing climate during 1961 to 2016 in the headwater of Irtysh River Basin, Chinese Altai Mountains. <i>Journal of Mountain Science</i> , 2017 , 14, 2295-2310	2.1	11
290	Stream temperature dynamics in Nam Co basin, southern Tibetan Plateau. <i>Journal of Mountain Science</i> , 2017 , 14, 2458-2470	2.1	2
289	Revisiting the Relationship between Observed Warming and Surface Pressure in the Tibetan Plateau. <i>Journal of Climate</i> , 2017 , 30, 1721-1737	4.4	20
288	Composition and sources of polycyclic aromatic hydrocarbons in cryoconites of the Tibetan Plateau glaciers. <i>Science of the Total Environment</i> , 2017 , 574, 991-999	10.2	22
287	Water-soluble elements in snow and ice on Mt. Yulong. <i>Science of the Total Environment</i> , 2017 , 574, 889-900	10.2	21
286	A comparison of heat wave climatologies and trends in China based on multiple definitions. <i>Climate Dynamics</i> , 2017 , 48, 3975-3989	4.2	83
285	Chemical characteristics of soluble aerosols over the central Himalayas: insights into spatiotemporal variations and sources. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 24454-24472	5.1	51

284	Surface ozone at Nam Co in the inland Tibetan Plateau: variation, synthesis comparison and regional representativeness. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 11293-11311	6.8	38
283	Re-evaluating black carbon in the Himalayas and the Tibetan Plateau: concentrations and deposition. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 11899-11912	6.8	28
282	Background aerosol over the Himalayas and Tibetan Plateau: observed characteristics of aerosol mass loading. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 449-463	6.8	28
281	Pre-monsoon air quality over Lumbini, a world heritage site along the Himalayan foothills. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 11041-11063	6.8	44
280	Organic molecular tracers in the atmospheric aerosols from Lumbini, Nepal, in the northern Indo-Gangetic Plain: influence of biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 8867-8885	6.8	76
279	Modeling Glacier Mass Balance and Runoff in the Koxkar River Basin on the South Slope of the Tianshan Mountains, China, from 1959 to 2009. <i>Water (Switzerland)</i> , 2017 , 9, 100	3	9
278	Research progress of light-absorbing impurities in glaciers of the Tibetan Plateau and its surroundings. <i>Chinese Science Bulletin</i> , 2017 , 62, 4151-4162	2.9	9
277	Snowmelt Runoff Modelling under Projected Climate Change Patterns in the Gilgit River Basin of Northern Pakistan. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 525-542	2.3	21
276	Characteristics of Particulate-Phase Polycyclic Aromatic Hydrocarbons (PAHs) in the Atmosphere over the Central Himalayas. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 2942-2954	4.6	15
275	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
274	Carbonaceous matter deposition in the high glacial regions of the Tibetan Plateau. <i>Atmospheric Environment</i> , 2016 , 141, 203-208	5.3	25
273	Light absorption characteristics of carbonaceous aerosols in two remote stations of the southern fringe of the Tibetan Plateau, China. <i>Atmospheric Environment</i> , 2016 , 143, 79-85	5.3	51
272	Diurnal dynamics of minor and trace elements in stream water draining Dongkemadi Glacier on the Tibetan Plateau and its environmental implications. <i>Journal of Hydrology</i> , 2016 , 541, 1104-1118	6	20
271	Modeling hydrological process in a glacier basin on the central Tibetan Plateau with a distributed hydrology soil vegetation model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 9521-9539	4.4	15
270	Diversity and succession of autotrophic microbial community in high-elevation soils along deglaciation chronosequence. <i>FEMS Microbiology Ecology</i> , 2016 , 92,	4.3	26
269	Sources of black carbon to the Himalayan-Tibetan Plateau glaciers. <i>Nature Communications</i> , 2016 , 7, 12574	4.4	199
268	Recent Decline of Atmospheric Mercury Recorded by <i>Androsace tapete</i> on the Tibetan Plateau. <i>Environmental Science & Technology</i> , 2016 , 50, 13224-13231	10.3	9
267	Investigation of mineral aerosols radiative effects over High Mountain Asia in 1990-2009 using a regional climate model. <i>Atmospheric Research</i> , 2016 , 178-179, 484-496	5.4	42

266	Reduced winter runoff in a mountainous permafrost region in the northern Tibetan Plateau. <i>Cold Regions Science and Technology</i> , 2016 , 126, 36-43	3.8	28
265	Individual particles of cryoconite deposited on the mountain glaciers of the Tibetan Plateau: Insights into chemical composition and sources. <i>Atmospheric Environment</i> , 2016 , 138, 114-124	5.3	22
264	Influence of long-range transboundary transport on atmospheric water vapor mercury collected at the largest city of Tibet. <i>Science of the Total Environment</i> , 2016 , 566-567, 1215-1222	10.2	19
263	Concentration, sources, and flux of dissolved organic carbon of precipitation at Lhasa city, the Tibetan Plateau. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 12915-21	5.1	23
262	Bacterial responses to environmental change on the Tibetan Plateau over the past half century. <i>Environmental Microbiology</i> , 2016 , 18, 1930-41	5.2	18
261	Distribution and transportation of mercury from glacier to lake in the Qiangyong Glacier Basin, southern Tibetan Plateau, China. <i>Journal of Environmental Sciences</i> , 2016 , 44, 213-223	6.4	31
260	Identification of sources of polycyclic aromatic hydrocarbons based on concentrations in soils from two sides of the Himalayas between China and Nepal. <i>Environmental Pollution</i> , 2016 , 212, 424-432	9.3	13
259	Atmospheric Mercury Depositional Chronology Reconstructed from Lake Sediments and Ice Core in the Himalayas and Tibetan Plateau. <i>Environmental Science & Technology</i> , 2016 , 50, 2859-69	10.3	93
258	Mid-twentieth century increases in anthropogenic Pb, Cd and Cu in central Asia set in hemispheric perspective using Tien Shan ice core. <i>Atmospheric Environment</i> , 2016 , 131, 17-28	5.3	23
257	Chemical composition of size-segregated aerosols in Lhasa city, Tibetan Plateau. <i>Atmospheric Research</i> , 2016 , 174-175, 142-150	5.4	28
256	Influence of microtopography on active layer thaw depths in Qilian Mountain, northeastern Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	12
255	Chemical compositions of snow from Mt. Yulong, southeastern Tibetan Plateau. <i>Journal of Earth System Science</i> , 2016 , 125, 403-416	1.8	15
254	Polycyclic aromatic hydrocarbons in soils from the Central-Himalaya region: Distribution, sources, and risks to humans and wildlife. <i>Science of the Total Environment</i> , 2016 , 556, 12-22	10.2	40
253	Concentrations and light absorption characteristics of carbonaceous aerosol in PM 2.5 and PM 10 of Lhasa city, the Tibetan Plateau. <i>Atmospheric Environment</i> , 2016 , 127, 340-346	5.3	73
252	Major ions and trace elements of two selected rivers near Everest region, southern Himalayas, Nepal. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	45
251	Comment on "Ice Core Perspective on Mercury Pollution during the Past 600 Years". <i>Environmental Science & Technology</i> , 2016 , 50, 1065-7	10.3	2
250	Response of dune activity on the Tibetan Plateau to near future climate change. <i>Climate Research</i> , 2016 , 69, 1-8	1.6	4
249	Pre-monsoon air quality over Lumbini, a world heritage site along the Himalayan foothills 2016 ,		3

248	Background aerosol over the Himalayas and Tibetan Plateau: observed characteristics of aerosol mass loading 2016 ,		4
247	Atmospheric Aerosol Elements over the Inland Tibetan Plateau: Concentration, Seasonality, and Transport. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 789-800	4.6	32
246	Wintertime organic and inorganic aerosols in Lanzhou, China: Sources, processes and comparison with the results during summer 2016 ,		2
245	Storage of dissolved organic carbon in Chinese glaciers. <i>Journal of Glaciology</i> , 2016 , 62, 402-406	3.4	20
244	Variations of the Physicochemical Parameters and Metal Levels and Their Risk Assessment in Urbanized Bagmati River, Kathmandu, Nepal. <i>Journal of Chemistry</i> , 2016 , 2016, 1-13	2.3	20
243	Terrestrial Water Storage Changes of Permafrost in the Three-River Source Region of the Tibetan Plateau, China. <i>Advances in Meteorology</i> , 2016 , 2016, 1-13	1.7	6
242	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
241	Water-Soluble Ionic Composition of Aerosols at Urban Location in the Foothills of Himalaya, Pokhara Valley, Nepal. <i>Atmosphere</i> , 2016 , 7, 102	2.7	28
240	Wintertime organic and inorganic aerosols in Lanzhou, China: sources, processes, and comparison with the results during summer. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 14937-14957	6.8	63
239	Chemical Records in Snowpits from High Altitude Glaciers in the Tibetan Plateau and Its Surroundings. <i>PLoS ONE</i> , 2016 , 11, e0155232	3.7	10
238	Observed trend of diurnal temperature range in the Tibetan Plateau in recent decades. <i>International Journal of Climatology</i> , 2016 , 36, 2633-2643	3.5	33
237	Rapid warming in the Tibetan Plateau from observations and CMIP5 models in recent decades. <i>International Journal of Climatology</i> , 2016 , 36, 2660-2670	3.5	121
236	Resolving the impact of stratosphere-to-troposphere transport on the sulfur cycle and surface ozone over the Tibetan Plateau using a cosmogenic ³⁵ S tracer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 439-456	4.4	24
235	Chemical Composition of Microbe-Derived Dissolved Organic Matter in Cryoconite in Tibetan Plateau Glaciers: Insights from Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Analysis. <i>Environmental Science & Technology</i> , 2016 , 50, 13215-13223	10.3	62
234	Can Temperature Extremes in East Antarctica be Replicated from ERA Interim Reanalysis?. <i>Arctic, Antarctic, and Alpine Research</i> , 2016 , 48, 603-621	1.8	4
233	Historical Records of Mercury Stable Isotopes in Sediments of Tibetan Lakes. <i>Scientific Reports</i> , 2016 , 6, 23332	4.9	26
232	First field-based atmospheric observation of the reduction of reactive mercury driven by sunlight. <i>Atmospheric Environment</i> , 2016 , 134, 27-39	5.3	19
231	Twentieth-century warming preserved in a Geladaindong mountain ice core, central Tibetan Plateau. <i>Annals of Glaciology</i> , 2016 , 57, 70-80	2.5	7

230	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
229	Tibetan Plateau Geladaindong black carbon ice core record (1843–1982): Recent increases due to higher emissions and lower snow accumulation. <i>Advances in Climate Change Research</i> , 2016 , 7, 132-138	4.1	13
228	Atmospheric black carbon and its effects on cryosphere. <i>Advances in Climate Change Research</i> , 2016 , 7, 113-114	4.1	4
227	Atmospheric particulate mercury in Lhasa city, Tibetan Plateau. <i>Atmospheric Environment</i> , 2016 , 142, 433-441	5.3	29
226	Preliminary Health Risk Assessment of Potentially Toxic Metals in Surface Water of the Himalayan Rivers, Nepal. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016 , 97, 855-862	2.7	53
225	Brown carbon in the cryosphere: Current knowledge and perspective. <i>Advances in Climate Change Research</i> , 2016 , 7, 82-89	4.1	39
224	Spatial distribution, sources and risk assessment of potentially toxic trace elements and rare earth elements in soils of the Langtang Himalaya, Nepal. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	34
223	Records of anthropogenic antimony in the glacial snow from the southeastern Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2016 , 131, 62-71	2.8	7
222	Source apportionment of particle-bound polycyclic aromatic hydrocarbons in Lumbini, Nepal by using the positive matrix factorization receptor model. <i>Atmospheric Research</i> , 2016 , 182, 46-53	5.4	36
221	River water quality across the Himalayan regions: elemental concentrations in headwaters of Yarlung Tsangpo, Indus and Ganges River. <i>Environmental Earth Sciences</i> , 2015 , 73, 4151-4163	2.9	31
220	New insights into trace element wet deposition in the Himalayas: amounts, seasonal patterns, and implications. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 2735-44	5.1	30
219	Simulation and analysis of glacier runoff and mass balance in the Nam Co basin, southern Tibetan Plateau. <i>Journal of Glaciology</i> , 2015 , 61, 447-460	3.4	20
218	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
217	Spatiotemporal variations of monocarboxylic acids in snow layers along a transect from Zhongshan Station to Dome A, eastern Antarctica. <i>Atmospheric Research</i> , 2015 , 158-159, 79-87	5.4	2
216	Summer hydrological characteristics in glacier and non-glacier catchments in the Nam Co Basin, southern Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2015 , 74, 2019-2028	2.9	4
215	Carbonaceous aerosols on the south edge of the Tibetan Plateau: concentrations, seasonality and sources. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 1573-1584	6.8	167
214	A 500-year atmospheric dust deposition retrieved from a Mt. Geladaindong ice core in the central Tibetan Plateau. <i>Atmospheric Research</i> , 2015 , 166, 1-9	5.4	24
213	Water chemistry of the headwaters of the Yangtze River. <i>Environmental Earth Sciences</i> , 2015 , 74, 6443-6458	5.8	27

212	Penetration of biomass-burning emissions from South Asia through the Himalayas: new insights from atmospheric organic acids. <i>Scientific Reports</i> , 2015 , 5, 9580	4.9	143
211	Distribution and enrichment of mercury in Tibetan lake waters and their relations with the natural environment. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12490-500	5.1	16
210	Observed climatology and trend in relative humidity in the central and eastern Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 3610-3621	4.4	27
209	Comparison of multiple datasets with gridded precipitation observations over the Tibetan Plateau. <i>Climate Dynamics</i> , 2015 , 45, 791-806	4.2	103
208	A new isolation method for biomass-burning tracers in snow: Measurements of p -hydroxybenzoic, vanillic, and dehydroabietic acids. <i>Atmospheric Environment</i> , 2015 , 122, 142-147	5.3	14
207	Evaluation of a Coupled Snow and Energy Balance Model for Zhadang Glacier, Tibetan Plateau, Using Glaciological Measurements and Time-Lapse Photography. <i>Arctic, Antarctic, and Alpine Research</i> , 2015 , 47, 573-590	1.8	41
206	Characteristics and sources of polycyclic aromatic hydrocarbons in atmospheric aerosols in the Kathmandu Valley, Nepal. <i>Science of the Total Environment</i> , 2015 , 538, 86-92	10.2	69
205	Characterizations of wet mercury deposition on a remote high-elevation site in the southeastern Tibetan Plateau. <i>Environmental Pollution</i> , 2015 , 206, 518-26	9.3	46
204	Large Variation of Mercury Isotope Composition During a Single Precipitation Event at Lhasa City, Tibetan Plateau, China. <i>Procedia Earth and Planetary Science</i> , 2015 , 13, 282-286		38
203	Evaluation of extreme climate events using a regional climate model for China. <i>International Journal of Climatology</i> , 2015 , 35, 888-902	3.5	80
202	Seasonal variations of trace elements in precipitation at the largest city in Tibet, Lhasa. <i>Atmospheric Research</i> , 2015 , 153, 87-97	5.4	40
201	Size distribution of carbonaceous aerosols at a high-altitude site on the central Tibetan Plateau (Nam Co Station, 4730ma.s.l.). <i>Atmospheric Research</i> , 2015 , 153, 155-164	5.4	60
200	Twentieth century dust lows and the weakening of the westerly winds over the Tibetan Plateau. <i>Geophysical Research Letters</i> , 2015 , 42, 2434-2441	4.9	34
199	Glacier mass changes in Rongbuk catchment on Mt. Qomolangma from 1974 to 2006 based on topographic maps and ALOS PRISM data. <i>Journal of Hydrology</i> , 2015 , 530, 273-280	6	36
198	Vanishing High Mountain Glacial Archives: Challenges and Perspectives. <i>Environmental Science & Technology</i> , 2015 , 49, 9499-500	10.3	15
197	Top-down constraints on atmospheric mercury emissions and implications for global biogeochemical cycling. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 7103-7125	6.8	76
196	Atmospheric brown clouds reach the Tibetan Plateau by crossing the Himalayas. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 6007-6021	6.8	116
195	Poleward expansion of the tropical belt derived from upper tropospheric water vapour. <i>International Journal of Climatology</i> , 2015 , 35, 2237-2242	3.5	2

194	Evaluation of Water Storage Change of Inland Cryosphere in Northwestern China. <i>Advances in Meteorology</i> , 2015 , 2015, 1-12	1.7	4
193	Dramatic loss of glacier accumulation area on the Tibetan Plateau revealed by ice core tritium and mercury records. <i>Cryosphere</i> , 2015 , 9, 1213-1222	5.5	63
192	Yak dung combustion aerosols in the Tibetan Plateau: Chemical characteristics and influence on the local atmospheric environment. <i>Atmospheric Research</i> , 2015 , 156, 58-66	5.4	44
191	Simulation of carbonaceous aerosols over the Third Pole and adjacent regions: distribution, transportation, deposition, and climatic effects. <i>Climate Dynamics</i> , 2015 , 45, 2831-2846	4.2	81
190	Indoor air pollution from burning yak dung as a household fuel in Tibet. <i>Atmospheric Environment</i> , 2015 , 102, 406-412	5.3	59
189	Mercury and Selected Trace Elements from a Remote (Gosainkunda) and an Urban (Phewa) Lake Waters of Nepal. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	28
188	Ionic composition of wet precipitation over the southern slope of central Himalayas, Nepal. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 2677-87	5.1	46
187	Projected trends in mean, maximum, and minimum surface temperature in China from simulations. <i>Global and Planetary Change</i> , 2014 , 112, 53-63	4.2	35
186	Low-molecular-weight organic acids in the Tibetan Plateau: Results from one-year of precipitation samples at the SET station. <i>Atmospheric Environment</i> , 2014 , 86, 68-73	5.3	15
185	Geothermal spring causes arsenic contamination in river waters of the southern Tibetan Plateau, China. <i>Environmental Earth Sciences</i> , 2014 , 71, 4143-4148	2.9	30
184	Comparison of NCEP/NCAR and ERA-40 total cloud cover with surface observations over the Tibetan Plateau. <i>International Journal of Climatology</i> , 2014 , 34, 2529-2537	3.5	26
183	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
182	Glacier Variations in the Fedchenko Basin, Tajikistan, 1992-2006: Insights from Remote-sensing Images. <i>Mountain Research and Development</i> , 2014 , 34, 56-65	1.4	7
181	Mercury distribution and variation on a high-elevation mountain glacier on the northern boundary of the Tibetan Plateau. <i>Atmospheric Environment</i> , 2014 , 96, 27-36	5.3	29
180	Present and projected degree days in China from observation, reanalysis and simulations. <i>Climate Dynamics</i> , 2014 , 43, 1449-1462	4.2	33
179	Mercury in wild fish from high-altitude aquatic ecosystems in the Tibetan Plateau. <i>Environmental Science & Technology</i> , 2014 , 48, 5220-8	10.3	46
178	The risk of mercury exposure to the people consuming fish from Lake Phewa, Nepal. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 6771-9	4.6	10
177	The decreasing albedo of the Zhadang glacier on western Nyainqentanglha and the role of light-absorbing impurities. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 11117-11128	6.8	94

176	Cosmogenic ³⁵ S measurements in the Tibetan Plateau to quantify glacier snowmelt. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 4125-4135	4.4	9
175	Epidemiological time series studies of PM _{2.5} and daily mortality and hospital admissions: a systematic review and meta-analysis. <i>Thorax</i> , 2014 , 69, 660-5	7.3	53 ⁶
174	Physicochemical characteristics and sources of atmospheric dust deposition in snow packs on the glaciers of western Qilian Mountains, China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2014 , 66, 20956	3.3	36
173	Spatial and temporal variations of total mercury in Antarctic snow along the transect from Zhongshan Station to Dome A. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2014 , 66, 25152	3.3	14
172	Observed surface wind speed in the Tibetan Plateau since 1980 and its physical causes. <i>International Journal of Climatology</i> , 2014 , 34, 1873-1882	3.5	52
171	Concentrations of trace elements in wet deposition over the central Himalayas, Nepal. <i>Atmospheric Environment</i> , 2014 , 95, 231-238	5.3	71
170	Transport of short-lived climate forcers/pollutants (SLCF/P) to the Himalayas during the South Asian summer monsoon onset. <i>Environmental Research Letters</i> , 2014 , 9, 084005	6.2	16
169	Downward-Shifting Temperature Range for the Growth of Snow-Bacteria on Glaciers of the Tibetan Plateau. <i>Geomicrobiology Journal</i> , 2014 , 31, 779-787	2.5	7
168	Variability of temperature in the Tibetan Plateau based on homogenized surface stations and reanalysis data. <i>International Journal of Climatology</i> , 2013 , 33, 1337-1347	3.5	104
167	Winter temperature extremes in China and their possible causes. <i>International Journal of Climatology</i> , 2013 , 33, 1444-1455	3.5	39
166	Projection of snow cover changes over China under RCP scenarios. <i>Climate Dynamics</i> , 2013 , 41, 589-600	4.2	44
165	Mercury concentrations in commercial fish species of Lake Phewa, Nepal. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 91, 272-7	2.7	8
164	Decadal variation of surface solar radiation in the Tibetan Plateau from observations, reanalysis and model simulations. <i>Climate Dynamics</i> , 2013 , 40, 2073-2086	4.2	47
163	Water balance estimates of ten greatest lakes in China using ICESat and Landsat data. <i>Science Bulletin</i> , 2013 , 58, 3815-3829		82
162	Different region climate regimes and topography affect the changes in area and mass balance of glaciers on the north and south slopes of the same glacierized massif (the West Nyainqentanglha Range, Tibetan Plateau). <i>Journal of Hydrology</i> , 2013 , 495, 64-73	6	33
161	Mycetocola zhadangensis sp. nov., isolated from snow. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3375-3378	2.2	6
160	Atmospheric deposition of trace elements recorded in snow from the Mt. Nyainqentanglha region, southern Tibetan Plateau. <i>Chemosphere</i> , 2013 , 92, 871-81	8.4	44
159	Lead isotopic composition of insoluble particles from widespread mountain glaciers in western China: Natural vs. anthropogenic sources. <i>Atmospheric Environment</i> , 2013 , 75, 224-232	5.3	22

158	Wet deposition of mercury at Lhasa, the capital city of Tibet. <i>Science of the Total Environment</i> , 2013 , 447, 123-32	10.2	54
157	Wet precipitation chemistry at a high-altitude site (3,326 m a.s.l.) in the southeastern Tibetan Plateau. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 5013-27	5.1	59
156	Can temperature extremes in China be calculated from reanalysis?. <i>Global and Planetary Change</i> , 2013 , 111, 268-279	4.2	29
155	Historical trends of atmospheric black carbon on tibetan plateau as reconstructed from a 150-year lake sediment record. <i>Environmental Science & Technology</i> , 2013 , 47, 2579-86	10.3	101
154	Arbuscular mycorrhizal and dark septate endophytic fungi at 5,500 m on a glacier forefront in the Qinghai-Tibet Plateau, China. <i>Symbiosis</i> , 2013 , 60, 101-105	3	7
153	Water balance observations reveal significant subsurface water seepage from Lake Nam Co, south-central Tibetan Plateau. <i>Journal of Hydrology</i> , 2013 , 491, 89-99	6	87
152	Energy and mass balance of Zhadang glacier surface, central Tibetan Plateau. <i>Journal of Glaciology</i> , 2013 , 59, 137-148	3.4	86
151	Double-Nested Dynamical Downscaling Experiments over the Tibetan Plateau and Their Projection of Climate Change under Two RCP Scenarios. <i>Journals of the Atmospheric Sciences</i> , 2013 , 70, 1278-1290	2.1	72
150	Seasonal Dynamics of the Bacterial Community in Lake Namco, the Largest Tibetan Lake. <i>Geomicrobiology Journal</i> , 2013 , 30, 17-28	2.5	18
149	Increased mass over the Tibetan Plateau: From lakes or glaciers?. <i>Geophysical Research Letters</i> , 2013 , 40, 2125-2130	4.9	187
148	Climate change and water use partitioning by different plant functional groups in a grassland on the Tibetan Plateau. <i>PLoS ONE</i> , 2013 , 8, e75503	3.7	23
147	Atmospheric concentrations of halogenated flame retardants at two remote locations: the Canadian High Arctic and the Tibetan Plateau. <i>Environmental Pollution</i> , 2012 , 161, 154-61	9.3	94
146	Spatial distribution and magnification processes of mercury in snow from high-elevation glaciers in the Tibetan Plateau. <i>Atmospheric Environment</i> , 2012 , 46, 140-146	5.3	35
145	Personal PM2.5 and indoor CO in nomadic tents using open and chimney biomass stoves on the Tibetan Plateau. <i>Atmospheric Environment</i> , 2012 , 59, 207-213	5.3	30
144	Geochemical evidence on the source regions of Tibetan Plateau dusts during non-monsoon period in 2008/09. <i>Atmospheric Environment</i> , 2012 , 59, 382-388	5.3	17
143	Seasonal variations, speciation and possible sources of mercury in the snowpack of Zhadang glacier, Mt. Nyainq̄tanglha, southern Tibetan Plateau. <i>Science of the Total Environment</i> , 2012 , 429, 223-30	10.2	32
142	A test of J2000 model in a glacierized catchment in the central Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2012 , 65, 1651-1659	2.9	22
141	Wet deposition of precipitation chemistry during 2005-2009 at a remote site (Nam Co Station) in central Tibetan Plateau. <i>Journal of Atmospheric Chemistry</i> , 2012 , 69, 187-200	3.2	26

140	Wet deposition of mercury at a remote site in the Tibetan Plateau: Concentrations, speciation, and fluxes. <i>Atmospheric Environment</i> , 2012 , 62, 540-550	5.3	73
139	Effectiveness of rare earth elements constrain on different materials: a case study in central Asia. <i>Environmental Earth Sciences</i> , 2012 , 67, 1415-1421	2.9	2
138	Analysis of lake level changes in Nam Co in central Tibet utilizing synergistic satellite altimetry and optical imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012 , 17, 3-11	7.3	74
137	Variation of culturable bacteria along depth in the East Rongbuk ice core, Mt. Everest. <i>Geoscience Frontiers</i> , 2012 , 3, 327-334	6	13
136	Mercury distribution and deposition in glacier snow over western China. <i>Environmental Science & Technology</i> , 2012 , 46, 5404-13	10.3	79
135	Statistical extraction of volcanic sulphate from nonpolar ice cores. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		14
134	Snow cover dynamics of four lake basins over Tibetan Plateau using time series MODIS data (2001-2010). <i>Water Resources Research</i> , 2012 , 48,	5.4	63
133	Inconsistencies of precipitation in the eastern and central Tibetan Plateau between surface adjusted data and reanalysis. <i>Theoretical and Applied Climatology</i> , 2012 , 109, 485-496	3	42
132	Characterizations of particle-bound trace metals and polycyclic aromatic hydrocarbons (PAHs) within Tibetan tents of south Tibetan Plateau, China. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 1620-8	5.1	24
131	First results on bathymetry and limnology of high-altitude lakes in the Gokyo Valley, Sagarmatha (Everest) National Park, Nepal. <i>Limnology</i> , 2012 , 13, 181-192	1.7	24
130	Sr-Nd isotope evidence for modern aeolian dust sources in mountain glaciers of western China. <i>Journal of Glaciology</i> , 2012 , 58, 859-865	3.4	31
129	Recent increase in black carbon concentrations from a Mt. Everest ice core spanning 1860-2000 AD. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	157
128	Trace elements and lead isotopic composition of PM10 in Lhasa, Tibet. <i>Atmospheric Environment</i> , 2011 , 45, 6210-6215	5.3	67
127	Baseline continental aerosol over the central Tibetan plateau and a case study of aerosol transport from South Asia. <i>Atmospheric Environment</i> , 2011 , 45, 7370-7378	5.3	93
126	Heavy metals in sediments of the Yarlung Tsangbo and its connection with the arsenic problem in the Ganges-Brahmaputra Basin. <i>Environmental Geochemistry and Health</i> , 2011 , 33, 23-32	4.7	29
125	Assessment of elemental distribution and trace element contamination in surficial wetland sediments, Southern Tibetan Plateau. <i>Environmental Monitoring and Assessment</i> , 2011 , 177, 301-13	3.1	14
124	Changes in daily climate extremes in China and their connection to the large scale atmospheric circulation during 1961-2003. <i>Climate Dynamics</i> , 2011 , 36, 2399-2417	4.2	369
123	Simulation of the anthropogenic aerosols over South Asia and their effects on Indian summer monsoon. <i>Climate Dynamics</i> , 2011 , 36, 1633-1647	4.2	54

122	A method for estimating the contribution of evaporative vapor from Nam Co to local atmospheric vapor based on stable isotopes of water bodies. <i>Science Bulletin</i> , 2011 , 56, 1511-1517		36
121	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
120	Monitoring lake level changes on the Tibetan Plateau using ICESat altimetry data (2003-2009). <i>Remote Sensing of Environment</i> , 2011 , 115, 1733-1742	13.2	344
119	2011 ,		2
118	Observed changes in snow depth and number of snow days in the eastern and central Tibetan Plateau. <i>Climate Research</i> , 2011 , 46, 171-183	1.6	44
117	Growth of a high-elevation large inland lake, associated with climate change and permafrost degradation in Tibet. <i>Hydrology and Earth System Sciences</i> , 2010 , 14, 481-489	5.5	45
116	Temporal and Spatial Aspects of Snow Distribution in the Nam Co Basin on the Tibetan Plateau from MODIS Data. <i>Remote Sensing</i> , 2010 , 2, 2700-2712	5	19
115	2010 ,		3
114	Bacterial Community of the Largest Oligosaline Lake, Namco on the Tibetan Plateau. <i>Geomicrobiology Journal</i> , 2010 , 27, 669-682	2.5	28
113	A glacier inventory for the western Nyainqentanglha Range and the Nam Co Basin, Tibet, and glacier changes 1976-2009. <i>Cryosphere</i> , 2010 , 4, 419-433	5.5	189
112	Review of climate and cryospheric change in the Tibetan Plateau. <i>Environmental Research Letters</i> , 2010 , 5, 015101	6.2	606
111	Transport of semivolatile organic compounds to the Tibetan Plateau: Monthly resolved air concentrations at Nam Co. <i>Journal of Geophysical Research</i> , 2010 , 115,		33
110	Relationship between temperature trend magnitude, elevation and mean temperature in the Tibetan Plateau from homogenized surface stations and reanalysis data. <i>Global and Planetary Change</i> , 2010 , 71, 124-133	4.2	196
109	Climate warming and associated changes in atmospheric circulation in the eastern and central Tibetan Plateau from a homogenized dataset. <i>Global and Planetary Change</i> , 2010 , 72, 11-24	4.2	87
108	Atmospheric wet deposition of trace elements to central Tibetan Plateau. <i>Applied Geochemistry</i> , 2010 , 25, 1415-1421	3.5	113
107	Seasonal variations and sources of ambient fossil and biogenic-derived carbonaceous aerosols based on ¹⁴ C measurements in Lhasa, Tibet. <i>Atmospheric Research</i> , 2010 , 96, 553-559	5.4	38
106	Decreasing wind speed and weakening latitudinal surface pressure gradients in the Tibetan Plateau. <i>Climate Research</i> , 2010 , 42, 57-64	1.6	57
105	From brightening to dimming in sunshine duration over the eastern and central Tibetan Plateau (1961-2005). <i>Theoretical and Applied Climatology</i> , 2010 , 101, 445-457	3	49

104	Altitude effects of climatic variation on Tibetan Plateau and its vicinities. <i>Journal of Earth Science (Wuhan, China)</i> , 2010 , 21, 189-198	2.2	40
103	Saline rhythm and climatic change since 20.6 kyr bp from the Qiulinanmu Playa Lake in Tibet. <i>Carbonates and Evaporites</i> , 2010 , 25, 5-14	1.3	4
102	Glacial distribution and mass balance in the Yarlung Zangbo River and its influence on lakes. <i>Science Bulletin</i> , 2010 , 55, 2072-2078		117
101	Concentration and seasonal variation of ¹⁰ Be in surface aerosols of Lhasa, Tibet. <i>Science Bulletin</i> , 2010 , 55, 2572-2578		1
100	Response of Zhadang Glacier runoff in Nam Co Basin, Tibet, to changes in air temperature and precipitation form. <i>Science Bulletin</i> , 2010 , 55, 2103-2110		39
99	Mercury speciation and spatial distribution in surface waters of the Yarlung Zangbo River, Tibet. <i>Science Bulletin</i> , 2010 , 55, 2697-2703		28
98	Seasonal and spatial variability of microparticles in snowpits on the Tibetan Plateau, China. <i>Journal of Mountain Science</i> , 2010 , 7, 15-25	2.1	8
97	Elemental and individual particle analysis of atmospheric aerosols from high Himalayas. <i>Environmental Monitoring and Assessment</i> , 2010 , 160, 323-35	3.1	78
96	Carbonaceous particles in the atmosphere and precipitation of the Nam Co region, central Tibet. <i>Journal of Environmental Sciences</i> , 2010 , 22, 1748-56	6.4	80
95	Variability of atmospheric dust loading over the central Tibetan Plateau based on ice core glaciochemistry. <i>Atmospheric Environment</i> , 2010 , 44, 2980-2989	5.3	42
94	A 108.83-m Ice-Core Record of Atmospheric Dust Deposition at Mt. Qomolangma (Everest), Central Himalaya. <i>Quaternary Research</i> , 2010 , 73, 33-38	1.9	40
93	Air-Lake Interaction Features Found in Heat and Water Exchanges over Nam Co on the Tibetan Plateau. <i>Scientific Online Letters on the Atmosphere</i> , 2009 , 5, 172-175	2.1	52
92	On the Relationship between Latitude and Altitude Temperature Effects 2009 ,		5
91	Does a weekend effect in diurnal temperature range exist in the eastern and central Tibetan Plateau?. <i>Environmental Research Letters</i> , 2009 , 4, 045202	6.2	22
90	Suppression of precipitation by dust particles originated in the Tibetan Plateau. <i>Atmospheric Environment</i> , 2009 , 43, 568-574	5.3	35
89	Total suspended particulate matter and toxic elements indoors during cooking with yak dung. <i>Atmospheric Environment</i> , 2009 , 43, 4243-4246	5.3	23
88	Seasonal features of aerosol particles recorded in snow from Mt. Qomolangma (Everest) and their environmental implications. <i>Journal of Environmental Sciences</i> , 2009 , 21, 914-9	6.4	29
87	Culturable bacteria in glacial meltwater at 6,350 m on the East Rongbuk Glacier, Mount Everest. <i>Extremophiles</i> , 2009 , 13, 89-99	3	30

86	Bacterial diversity in the snow over Tibetan Plateau Glaciers. <i>Extremophiles</i> , 2009 , 13, 411-23	3	91
85	Records of volcanic events since AD 1800 in the East Rongbuk ice core from Mt. Qomolangma. <i>Science Bulletin</i> , 2009 , 54, 1411-1416	10.6	4
84	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
83	Monitoring glacier and supra-glacier lakes from space in Mt. Qomolangma region of the Himalayas on the Tibetan Plateau in China. <i>Journal of Mountain Science</i> , 2009 , 6, 211-220	2.1	40
82	On the unusual holocene carbonate sediment in lake Nam Co, central Tibet. <i>Journal of Mountain Science</i> , 2009 , 6, 346-353	2.1	10
81	Abundance and diversity of snow bacteria in two glaciers at the Tibetan Plateau. <i>Frontiers of Earth Science</i> , 2009 , 3, 80-90		4
80	Hydrothermal pattern of frozen soil in Nam Co lake basin, the Tibetan Plateau. <i>Environmental Geology</i> , 2009 , 57, 1775-1784		18
79	Elemental composition of Tibetan Plateau top soils and its effect on evaluating atmospheric pollution transport. <i>Environmental Pollution</i> , 2009 , 157, 2261-5	9.3	93
78	Rare earth elements in the surface sediments of the Yarlung Tsangbo (Upper Brahmaputra River) sediments, southern Tibetan Plateau. <i>Quaternary International</i> , 2009 , 208, 151-157	2	31
77	Aerosol optical properties at Nam Co, a remote site in central Tibetan Plateau. <i>Atmospheric Research</i> , 2009 , 92, 42-48	5.4	74
76	Rare earth elements in an ice core from Mt. Everest: Seasonal variations and potential sources. <i>Atmospheric Research</i> , 2009 , 94, 300-312	5.4	26
75	A High-Resolution Record of Atmospheric Dust Composition and Variability since a.d. 1650 from a Mount Everest Ice Core. <i>Journal of Climate</i> , 2009 , 22, 3910-3925	4.4	45
74	Recent increases in atmospheric concentrations of Bi, U, Cs, S and Ca from a 350-year Mount Everest ice core record. <i>Journal of Geophysical Research</i> , 2009 , 114,		57
73	Atmospheric soluble dust records from a Tibetan ice core: Possible climate proxies and teleconnection with the Pacific Decadal Oscillation. <i>Journal of Geophysical Research</i> , 2009 , 114,		28
72	Early onset of rainy season suppresses glacier melt: a case study on Zhadang glacier, Tibetan Plateau. <i>Journal of Glaciology</i> , 2009 , 55, 755-758	3.4	49
71	Individual Particle Analysis of Atmospheric Aerosols at Nam Co, Tibetan Plateau. <i>Aerosol and Air Quality Research</i> , 2009 , 9, 323-331	4.6	48
70	Shifts of dust source regions over central Asia and the Tibetan Plateau: Connections with the Arctic oscillation and the westerly jet. <i>Atmospheric Environment</i> , 2008 , 42, 2358-2368	5.3	54
69	The historical residue trends of DDT, hexachlorocyclohexanes and polycyclic aromatic hydrocarbons in an ice core from Mt. Everest, central Himalayas, China. <i>Atmospheric Environment</i> , 2008 , 42, 6699-6709	5.3	97

68	Long range trans-Pacific transport and deposition of Asian dust aerosols. <i>Journal of Environmental Sciences</i> , 2008 , 20, 424-8	6.4	39
67	Bacteria variabilities in a Tibetan ice core and their relations with climate change. <i>Global Biogeochemical Cycles</i> , 2008 , 22, n/a-n/a	5.9	25
66	Relationship between trends in temperature extremes and elevation in the eastern and central Tibetan Plateau, 1961-2005. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	135
65	Changes in daily climate extremes in the eastern and central Tibetan Plateau during 1961-2005. <i>Journal of Geophysical Research</i> , 2008 , 113,		234
64	ROOF OF THE WORLD: Tibetan Observation and Research Platform. <i>Bulletin of the American Meteorological Society</i> , 2008 , 89, 1487-1492	6.1	88
63	Snow accumulation rate on Qomolangma (Mount Everest), Himalaya: synchronicity with sites across the Tibetan Plateau on 50-100 year timescales. <i>Journal of Glaciology</i> , 2008 , 54, 343-352	3.4	78
62	Black carbon record based on a shallow Himalayan ice core and its climatic implications. <i>Atmospheric Chemistry and Physics</i> , 2008 , 8, 1343-1352	6.8	201
61	Heavy metals and rare earth elements (REEs) in soil from the Nam Co Basin, Tibetan Plateau. <i>Environmental Geology</i> , 2008 , 53, 1433-1440		49
60	Elemental composition in surface snow from the ultra-high elevation area of Mt. Qomolangma (Everest). <i>Science Bulletin</i> , 2008 , 53, 289-294		17
59	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
58	Major Ion Geochemistry of Nam Co Lake and its Sources, Tibetan Plateau. <i>Aquatic Geochemistry</i> , 2008 , 14, 321-336	1.7	36
57	Microscale spatial variability of snowpack: isotopic and chemical heterogeneity of a firn pack at Qomolangma (Mount Everest), central Himalaya. <i>Annals of Glaciology</i> , 2008 , 49, 173-178	2.5	
56	Atmospheric transport of mercury to the Tibetan Plateau. <i>Environmental Science & Technology</i> , 2007 , 41, 7632-8	10.3	95
55	Reduction in northward incursions of the South Asian monsoon since ~1400 AD inferred from a Mt. Everest ice core. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	75
54	Dust storm activity over the Tibetan Plateau recorded by a shallow ice core from the north slope of Mt. Qomolangma (Everest), Tibet-Himal region. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	29
53	Aerosol and fresh snow chemistry in the East Rongbuk Glacier on the northern slope of Mt. Qomolangma (Everest). <i>Journal of Geophysical Research</i> , 2007 , 112,		49
52	Summer temperature trend over the past two millennia using air content in Himalayan ice. <i>Climate of the Past</i> , 2007 , 3, 89-95	3.9	20
51	Elemental composition of aerosol in the Nam Co region, Tibetan Plateau, during summer monsoon season. <i>Atmospheric Environment</i> , 2007 , 41, 1180-1187	5.3	125

50	Spatial and seasonal variations of elemental composition in Mt. Everest (Qomolangma) snow/firn. <i>Atmospheric Environment</i> , 2007 , 41, 7208-7218	5.3	79
49	Distribution of persistent organic pollutants in soil and grasses around Mt. Qomolangma, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2007 , 52, 153-62	3.2	56
48	Organochlorine pesticides in fresh-fallen snow on East Rongbuk Glacier of Mt. Qomolangma (Everest). <i>Science in China Series D: Earth Sciences</i> , 2007 , 50, 1097-1102		21
47	Recent temperature increase recorded in an ice core in the source region of Yangtze River. <i>Science Bulletin</i> , 2007 , 52, 825-831		74
46	Concentration level and distribution of polycyclic aromatic hydrocarbons in soil and grass around Mt. Qomolangma, China. <i>Science Bulletin</i> , 2007 , 52, 1405-1413		38
45	Microbial community structure in major habitats above 6000 m on Mount Everest. <i>Science Bulletin</i> , 2007 , 52, 2350-2357		19
44	Changes in annual accumulation retrieved from Geladaindong ice core and its relationship to atmospheric circulation over the Tibetan Plateau. <i>Science Bulletin</i> , 2007 , 52, 3261-3266		8
43	Elemental composition of aerosols collected in the glacier area on Nyainq̄ntanglha Range, Tibetan Plateau, during summer monsoon season. <i>Science Bulletin</i> , 2007 , 52, 3436-3442		26
42	Climate change over the Yarlung Zangbo River Basin during 1961-2005. <i>Journal of Chinese Geography</i> , 2007 , 17, 409-420	3.7	74
41	Reliability of NCEP/NCAR reanalysis data in the Himalayas/Tibetan Plateau. <i>Journal of Chinese Geography</i> , 2007 , 17, 421-430	3.7	19
40	Seasonal air temperature variations retrieved from a Geladaindong ice core, Tibetan Plateau. <i>Journal of Chinese Geography</i> , 2007 , 17, 431-441	3.7	3
39	Glacier and lake variations in the Yamzhog Yumco basin, southern Tibetan Plateau, from 1980 to 2000 using remote-sensing and GIS technologies. <i>Journal of Glaciology</i> , 2007 , 53, 673-676	3.4	80
38	Annual Accumulation in the Mt. Nyainq̄ntanglha Ice Core, Southern Tibetan Plateau, China: Relationships to Atmospheric Circulation over Asia. <i>Arctic, Antarctic, and Alpine Research</i> , 2007 , 39, 663-670	1.8	22
37	Major ionic composition of precipitation in the Nam Co region, Central Tibetan Plateau. <i>Atmospheric Research</i> , 2007 , 85, 351-360	5.4	124
36	Seasonal variation of snow microbial community structure in the East Rongbuk glacier, Mt. Everest. <i>Science Bulletin</i> , 2006 , 51, 1476-1486	10.6	15
35	Review of the studies on climate change since the last inter-glacial period on the Tibetan Plateau. <i>Journal of Chinese Geography</i> , 2006 , 16, 337-345	3.7	15
34	Characteristics of spatial and temporal variations of monthly mean surface air temperature over Qinghai-Tibet Plateau. <i>Chinese Geographical Science</i> , 2006 , 16, 351-358	2.9	16
33	Gradient distribution of persistent organic contaminants along northern slope of central-Himalayas, China. <i>Science of the Total Environment</i> , 2006 , 372, 193-202	10.2	93

32	Monitoring glacier variations on Geladandong mountain, central Tibetan Plateau, from 1969 to 2002 using remote-sensing and GIS technologies. <i>Journal of Glaciology</i> , 2006 , 52, 537-545	3.4	145
31	Glacier variations in the Naimonañyi region, western Himalaya, in the last three decades. <i>Annals of Glaciology</i> , 2006 , 43, 385-389	2.5	39
30	Seasonal and spatial variability in snow chemistry at Eclipse Icefield, Yukon, Canada. <i>Annals of Glaciology</i> , 2006 , 43, 230-238	2.5	19
29	Microbial community structure in moraine lakes and glacial meltwaters, Mount Everest. <i>FEMS Microbiology Letters</i> , 2006 , 265, 98-105	2.9	58
28	Climatic significance of $\delta^{18}O$ records from an 80.36 m ice core in the East Rongbuk Glacier, Mount Qomolangma (Everest). <i>Science in China Series D: Earth Sciences</i> , 2005 , 48, 266-272		17
27	Sea-salt aerosol transport patterns over the Northern Hemisphere inferred from two subarctic ice core records. <i>Science in China Series D: Earth Sciences</i> , 2005 , 48, 576-584		
26	An ice-core proxy for Antarctic circumpolar zonal wind intensity. <i>Annals of Glaciology</i> , 2005 , 41, 121-130	2.5	21
25	Solar forcing of the polar atmosphere. <i>Annals of Glaciology</i> , 2005 , 41, 147-154	2.5	23
24	Glacier variations and climate warming and drying in the central Himalayas. <i>Science Bulletin</i> , 2004 , 49, 65		11
23	Seasonal differences in snow chemistry from the vicinity of Mt. Everest, central Himalayas. <i>Atmospheric Environment</i> , 2004 , 38, 2819-2829	5.3	96
22	Glacier variations and climate warming and drying in the central Himalayas. <i>Science Bulletin</i> , 2004 , 49, 65-69		55
21	Dust records from three ice cores: relationships to spring atmospheric circulation over the Northern Hemisphere. <i>Atmospheric Environment</i> , 2003 , 37, 4823-4835	5.3	50
20	Glaciochemical records from a Mt. Everest ice core: relationship to atmospheric circulation over Asia. <i>Atmospheric Environment</i> , 2002 , 36, 3351-3361	5.3	111
19	Stable-isotopic composition of precipitation over the northern slope of the central Himalaya. <i>Journal of Glaciology</i> , 2002 , 48, 519-526	3.4	48
18	Chemical composition of fresh snow on Xixabangma peak, central Himalaya, during the summer monsoon season. <i>Journal of Glaciology</i> , 2002 , 48, 337-339	3.4	24
17	Comparison of two ice-core chemical records recovered from the Qomolangma (Mount Everest) region, Himalaya. <i>Annals of Glaciology</i> , 2002 , 35, 266-272	2.5	13
16	Twentieth century increase of atmospheric ammonia recorded in Mount Everest ice core. <i>Journal of Geophysical Research</i> , 2002 , 107, ACL 13-1-ACL 13-9		44
15	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

14	Changes in Atmospheric Circulation over the South-Eastern Tibetan Plateau over the last Two Centuries from a Himalayan Ice Core. <i>PAGES News</i> , 2001 , 9, 14-16		10
13	Fresh snow chemistry from high mountain regions in central Himalayas. <i>Chinese Geographical Science</i> , 2000 , 10, 218-225	2.9	2
12	Geochemical analyses of a Himalayan snowpit profile: implications for atmospheric pollution and climate. <i>Organic Geochemistry</i> , 2000 , 31, 15-23	3.1	33
11	Summer monsoon and dust signals recorded in the Dasuopu firn core, central Himalayas. <i>Science Bulletin</i> , 1999 , 44, 2010-2015		7
10	Magnetostratigraphic dating of river terraces: Rapid and intermittent incision by the Yellow River of the northeastern margin of the Tibetan Plateau during the Quaternary. <i>Journal of Geophysical Research</i> , 1997 , 102, 10121-10132		121
9	Atmospheric Brown Carbon on the Tibetan Plateau: Regional Differences in Chemical Composition and Light Absorption Properties. <i>Environmental Science and Technology Letters</i> ,	11	2
8	Carbonaceous aerosols on the south edge of the Tibetan Plateau: concentrations, seasonality and sources		6
7	Atmospheric brown clouds reach the Tibetan Plateau by crossing the Himalayas		9
6	Black carbon record based on a shallow Himalayan ice core and its climatic implications		3
5	Hydrological system analysis and modelling of the Nam Co basin in Tibet. <i>Advances in Geosciences</i> , 27 , 29-36		69
4	Physical and chemical evolution of dissolved organic matter across the ablation season on a glacier in the central Tibetan Plateau		2
3	A glacier inventory for the western Nyainqentanglha Range and Nam Co Basin, Tibet, and glacier changes 1976-2009		12
2	Black carbon concentrations from a Tibetan Plateau ice core spanning 1843-1982: recent increases due to emissions and glacier melt		6
1	Impacts of climate change and human activities on runoff changes in the Ob River Basin of the Arctic region from 1980 to 2017. <i>Theoretical and Applied Climatology</i> , 1	3	0