

# Shi-chang Kang

## List of Publications by Citations

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571  
papers

19,129  
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71  
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107  
g-index

607  
ext. papers

23,552  
ext. citations

5.8  
avg, IF

7.22  
L-index

#	Paper	IF	Citations
571	Review of climate and cryospheric change in the Tibetan Plateau. <i>Environmental Research Letters</i> , <b>2010</b> , 5, 015101	6.2	606
570	Epidemiological time series studies of PM2.5 and daily mortality and hospital admissions: a systematic review and meta-analysis. <i>Thorax</i> , <b>2014</b> , 69, 660-5	7.3	536
569	Changes in daily climate extremes in China and their connection to the large scale atmospheric circulation during 1961-2003. <i>Climate Dynamics</i> , <b>2011</b> , 36, 2399-2417	4.2	369
568	Monitoring lake level changes on the Tibetan Plateau using ICESat altimetry data (2003-2009). <i>Remote Sensing of Environment</i> , <b>2011</b> , 115, 1733-1742	13.2	344
567	Atmospheric microplastics: A review on current status and perspectives. <i>Earth-Science Reviews</i> , <b>2020</b> , 203, 103118	10.2	286
566	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> , <b>2019</b> , 100, 423-444	6.1	253
565	Changes in daily climate extremes in the eastern and central Tibetan Plateau during 1961-2005. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		234
564	Black carbon record based on a shallow Himalayan ice core and its climatic implications. <i>Atmospheric Chemistry and Physics</i> , <b>2008</b> , 8, 1343-1352	6.8	201
563	Sources of black carbon to the Himalayan-Tibetan Plateau glaciers. <i>Nature Communications</i> , <b>2016</b> , 7, 12574	4.4	199
562	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> , <b>2010</b> , 71, 124-133	4.2	196
561	A glacier inventory for the western Nyainqentanglha Range and the Nam Co Basin, Tibet, and glacier changes 1976-2009. <i>Cryosphere</i> , <b>2010</b> , 4, 419-433	5.5	189
560	Increased mass over the Tibetan Plateau: From lakes or glaciers?. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 2125-2130	4.9	187
559	Carbonaceous aerosols on the south edge of the Tibetan Plateau: concentrations, seasonality and sources. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 1573-1584	6.8	167
558	Linking atmospheric pollution to cryospheric change in the Third Pole region: current progress and future prospects. <i>National Science Review</i> , <b>2019</b> , 6, 796-809	10.8	164
557	Recent increase in black carbon concentrations from a Mt. Everest ice core spanning 1860-2000 AD. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	157
556	Monitoring glacier variations on Geladandong mountain, central Tibetan Plateau, from 1969 to 2002 using remote-sensing and GIS technologies. <i>Journal of Glaciology</i> , <b>2006</b> , 52, 537-545	3.4	145
555	Penetration of biomass-burning emissions from South Asia through the Himalayas: new insights from atmospheric organic acids. <i>Scientific Reports</i> , <b>2015</b> , 5, 9580	4.9	143

554	Relationship between trends in temperature extremes and elevation in the eastern and central Tibetan Plateau, 1961-2005. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	135
553	Elemental composition of aerosol in the Nam Co region, Tibetan Plateau, during summer monsoon season. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 1180-1187	5.3	125
552	Major ionic composition of precipitation in the Nam Co region, Central Tibetan Plateau. <i>Atmospheric Research</i> , <b>2007</b> , 85, 351-360	5.4	124
551	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> , <b>1997</b> , 102, 10121-10132		121
550	Rapid warming in the Tibetan Plateau from observations and CMIP5 models in recent decades. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 2660-2670	3.5	121
549	Glacial distribution and mass balance in the Yarlung Zangbo River and its influence on lakes. <i>Science Bulletin</i> , <b>2010</b> , 55, 2072-2078		117
548	Atmospheric brown clouds reach the Tibetan Plateau by crossing the Himalayas. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 6007-6021	6.8	116
547	Atmospheric wet deposition of trace elements to central Tibetan Plateau. <i>Applied Geochemistry</i> , <b>2010</b> , 25, 1415-1421	3.5	113
546	Glaciochemical records from a Mt. Everest ice core: relationship to atmospheric circulation over Asia. <i>Atmospheric Environment</i> , <b>2002</b> , 36, 3351-3361	5.3	111
545	Variability of temperature in the Tibetan Plateau based on homogenized surface stations and reanalysis data. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 1337-1347	3.5	104
544	Comparison of multiple datasets with gridded precipitation observations over the Tibetan Plateau. <i>Climate Dynamics</i> , <b>2015</b> , 45, 791-806	4.2	103
543	Historical trends of atmospheric black carbon on tibetan plateau as reconstructed from a 150-year lake sediment record. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 2579-86	10.3	101
542	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> , <b>2018</b> , 203, 141-163	5.4	98
541	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> , <b>2008</b> , 42, 6699-6709	5.3	97
540	Seasonal differences in snow chemistry from the vicinity of Mt. Everest, central Himalayas. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 2819-2829	5.3	96
539	Atmospheric transport of mercury to the Tibetan Plateau. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 7632-8	10.3	95
538	Importance of atmospheric transport for microplastics deposited in remote areas. <i>Environmental Pollution</i> , <b>2019</b> , 254, 112953	9.3	94
537	The decreasing albedo of the Zhadang glacier on western Nyainqentanglha and the role of light-absorbing impurities. <i>Atmospheric Chemistry and Physics</i> , <b>2014</b> , 14, 11117-11128	6.8	94

536	Atmospheric concentrations of halogenated flame retardants at two remote locations: the Canadian High Arctic and the Tibetan Plateau. <i>Environmental Pollution</i> , <b>2012</b> , 161, 154-61	9.3	94
535	Atmospheric Mercury Depositional Chronology Reconstructed from Lake Sediments and Ice Core in the Himalayas and Tibetan Plateau. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 2859-69	10.3	93
534	Baseline continental aerosol over the central Tibetan plateau and a case study of aerosol transport from South Asia. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 7370-7378	5.3	93
533	Elemental composition of Tibetan Plateau top soils and its effect on evaluating atmospheric pollution transport. <i>Environmental Pollution</i> , <b>2009</b> , 157, 2261-5	9.3	93
532	Gradient distribution of persistent organic contaminants along northern slope of central-Himalayas, China. <i>Science of the Total Environment</i> , <b>2006</b> , 372, 193-202	10.2	93
531	Bacterial diversity in the snow over Tibetan Plateau Glaciers. <i>Extremophiles</i> , <b>2009</b> , 13, 411-23	3	91
530	Microplastics in soil: A review on methods, occurrence, sources, and potential risk. <i>Science of the Total Environment</i> , <b>2021</b> , 780, 146546	10.2	91
529	ROOF OF THE WORLD: Tibetan Observation and Research Platform. <i>Bulletin of the American Meteorological Society</i> , <b>2008</b> , 89, 1487-1492	6.1	88
528	Water balance observations reveal significant subsurface water seepage from Lake Nam Co, south-central Tibetan Plateau. <i>Journal of Hydrology</i> , <b>2013</b> , 491, 89-99	6	87
527	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> , <b>2010</b> , 72, 11-24	4.2	87
526	Energy and mass balance of Zhadang glacier surface, central Tibetan Plateau. <i>Journal of Glaciology</i> , <b>2013</b> , 59, 137-148	3.4	86
525	A comparison of heat wave climatologies and trends in China based on multiple definitions. <i>Climate Dynamics</i> , <b>2017</b> , 48, 3975-3989	4.2	83
524	Water balance estimates of ten greatest lakes in China using ICESat and Landsat data. <i>Science Bulletin</i> , <b>2013</b> , 58, 3815-3829		82
523	Simulation of carbonaceous aerosols over the Third Pole and adjacent regions: distribution, transportation, deposition, and climatic effects. <i>Climate Dynamics</i> , <b>2015</b> , 45, 2831-2846	4.2	81
522	Evaluation of extreme climate events using a regional climate model for China. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 888-902	3.5	80
521	Carbonaceous particles in the atmosphere and precipitation of the Nam Co region, central Tibet. <i>Journal of Environmental Sciences</i> , <b>2010</b> , 22, 1748-56	6.4	80
520	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> , <b>2007</b> , 53, 673-676	3.4	80
519	Mercury distribution and deposition in glacier snow over western China. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 5404-13	10.3	79

518	Spatial and seasonal variations of elemental composition in Mt. Everest (Qomolangma) snow/firn. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 7208-7218	5.3	79
517	Levoglucosan as a tracer of biomass burning: Recent progress and perspectives. <i>Atmospheric Research</i> , <b>2019</b> , 220, 20-33	5.4	79
516	Elemental and individual particle analysis of atmospheric aerosols from high Himalayas. <i>Environmental Monitoring and Assessment</i> , <b>2010</b> , 160, 323-35	3.1	78
515	Snow accumulation rate on Qomolangma (Mount Everest), Himalaya: synchronicity with sites across the Tibetan Plateau on 500-1000 year timescales. <i>Journal of Glaciology</i> , <b>2008</b> , 54, 343-352	3.4	78
514	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> , <b>2017</b> , 17, 8867-8885	6.8	76
513	Top-down constraints on atmospheric mercury emissions and implications for global biogeochemical cycling. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 7103-7125	6.8	76
512	Microplastics in freshwater sediment: A review on methods, occurrence, and sources. <i>Science of the Total Environment</i> , <b>2021</b> , 754, 141948	10.2	76
511	Light-absorbing impurities enhance glacier albedo reduction in the southeastern Tibetan plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 6915-6933	4.4	75
510	Reduction in northward incursions of the South Asian monsoon since ~1400 AD inferred from a Mt. Everest ice core. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	75
509	Light-absorbing impurities accelerate glacier melt in the Central Tibetan Plateau. <i>Science of the Total Environment</i> , <b>2017</b> , 587-588, 482-490	10.2	74
508	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> , <b>2012</b> , 17, 3-11	7.3	74
507	Aerosol optical properties at Nam Co, a remote site in central Tibetan Plateau. <i>Atmospheric Research</i> , <b>2009</b> , 92, 42-48	5.4	74
506	Recent temperature increase recorded in an ice core in the source region of Yangtze River. <i>Science Bulletin</i> , <b>2007</b> , 52, 825-831		74
505	Climate change over the Yarlung Zangbo River Basin during 1961-2005. <i>Journal of Chinese Geography</i> , <b>2007</b> , 17, 409-420	3.7	74
504	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> , <b>2016</b> , 127, 340-346	5.3	73
503	Wet deposition of mercury at a remote site in the Tibetan Plateau: Concentrations, speciation, and fluxes. <i>Atmospheric Environment</i> , <b>2012</b> , 62, 540-550	5.3	73
502	Aerosol characteristics and impacts on weather and climate over the Tibetan Plateau. <i>National Science Review</i> , <b>2020</b> , 7, 492-495	10.8	73
501	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> , <b>2013</b> , 70, 1278-1290	2.1	72

500	Concentrations of trace elements in wet deposition over the central Himalayas, Nepal. <i>Atmospheric Environment</i> , <b>2014</b> , 95, 231-238	5.3	71
499	Water-Soluble Brown Carbon in Atmospheric Aerosols from Godavari (Nepal), a Regional Representative of South Asia. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 3471-3479	10.3	70
498	Characteristics and sources of polycyclic aromatic hydrocarbons in atmospheric aerosols in the Kathmandu Valley, Nepal. <i>Science of the Total Environment</i> , <b>2015</b> , 538, 86-92	10.2	69
497	Hydrological system analysis and modelling of the Nam Co basin in Tibet. <i>Advances in Geosciences</i> , <b>2017</b> , 27, 29-36		69
496	Black carbon and mineral dust in snow cover on the Tibetan Plateau. <i>Cryosphere</i> , <b>2018</b> , 12, 413-431	5.5	68
495	Trace elements and lead isotopic composition of PM10 in Lhasa, Tibet. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 6210-6215	5.3	67
494	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> , <b>2019</b> , 649, 571-581	10.2	66
493	Dramatic loss of glacier accumulation area on the Tibetan Plateau revealed by ice core tritium and mercury records. <i>Cryosphere</i> , <b>2015</b> , 9, 1213-1222	5.5	63
492	Snow cover dynamics of four lake basins over Tibetan Plateau using time series MODIS data (2001-2010). <i>Water Resources Research</i> , <b>2012</b> , 48,	5.4	63
491	Wintertime organic and inorganic aerosols in Lanzhou, China: sources, processes, and comparison with the results during summer. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 14937-14957	6.8	63
490	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 &amp; Technology</i> , <b>2016</b> , 50, 13215-13223	10.3	62
489	Size distribution of carbonaceous aerosols at a high-altitude site on the central Tibetan Plateau (Nam Co Station, 4730m a.s.l.). <i>Atmospheric Research</i> , <b>2015</b> , 153, 155-164	5.4	60
488	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> , <b>2013</b> , 20, 5013-27	5.1	59
487	Indoor air pollution from burning yak dung as a household fuel in Tibet. <i>Atmospheric Environment</i> , <b>2015</b> , 102, 406-412	5.3	59
486	PM and O <sub>3</sub> pollution during 2015-2019 over 367 Chinese cities: Spatiotemporal variations, meteorological and topographical impacts. <i>Environmental Pollution</i> , <b>2020</b> , 264, 114694	9.3	58
485	Microbial community structure in moraine lakes and glacial meltwaters, Mount Everest. <i>FEMS Microbiology Letters</i> , <b>2006</b> , 265, 98-105	2.9	58
484	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> , <b>2009</b> , 114,		57
483	Decreasing wind speed and weakening latitudinal surface pressure gradients in the Tibetan Plateau. <i>Climate Research</i> , <b>2010</b> , 42, 57-64	1.6	57

482	Distribution of persistent organic pollutants in soil and grasses around Mt. Qomolangma, China. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2007</b> , 52, 153-62	3.2	56
481	Humic-Like Substances (HULIS) in Aerosols of Central Tibetan Plateau (Nam Co, 4730 m asl): Abundance, Light Absorption Properties, and Sources. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 7203-7211	10.3	55
480	Glacier variations and climate warming and drying in the central Himalayas. <i>Science Bulletin</i> , <b>2004</b> , 49, 65-69		55
479	Wet deposition of mercury at Lhasa, the capital city of Tibet. <i>Science of the Total Environment</i> , <b>2013</b> , 447, 123-32	10.2	54
478	Simulation of the anthropogenic aerosols over South Asia and their effects on Indian summer monsoon. <i>Climate Dynamics</i> , <b>2011</b> , 36, 1633-1647	4.2	54
477	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> , <b>2008</b> , 42, 2358-2368	5.3	54
476	Cryospheric Science: research framework and disciplinary system. <i>National Science Review</i> , <b>2018</b> , 5, 255-268	10.8	53
475	Concentration, sources and light absorption characteristics of dissolved organic carbon on a medium-sized valley glacier, northern Tibetan Plateau. <i>Cryosphere</i> , <b>2016</b> , 10, 2611-2621	5.5	53
474	Preliminary Health Risk Assessment of Potentially Toxic Metals in Surface Water of the Himalayan Rivers, Nepal. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 97, 855-862	2.7	53
473	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> , <b>2018</b> , 18, 11507-11527	6.8	53
472	Observed surface wind speed in the Tibetan Plateau since 1980 and its physical causes. <i>International Journal of Climatology</i> , <b>2014</b> , 34, 1873-1882	3.5	52
471	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> , <b>2009</b> , 5, 172-175	2.1	52
470	Review of snow cover variation over the Tibetan Plateau and its influence on the broad climate system. <i>Earth-Science Reviews</i> , <b>2020</b> , 201, 103043	10.2	52
469	A review of black carbon in snow and ice and its impact on the cryosphere. <i>Earth-Science Reviews</i> , <b>2020</b> , 210, 103346	10.2	52
468	Light absorption characteristics of carbonaceous aerosols in two remote stations of the southern fringe of the Tibetan Plateau, China. <i>Atmospheric Environment</i> , <b>2016</b> , 143, 79-85	5.3	51
467	Chemical characteristics of soluble aerosols over the central Himalayas: insights into spatiotemporal variations and sources. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 24454-24472	5.1	51
466	Dust records from three ice cores: relationships to spring atmospheric circulation over the Northern Hemisphere. <i>Atmospheric Environment</i> , <b>2003</b> , 37, 4823-4835	5.3	50
465	Global warming weakening the inherent stability of glaciers and permafrost. <i>Science Bulletin</i> , <b>2019</b> , 64, 245-253	10.6	49

464	Early onset of rainy season suppresses glacier melt: a case study on Zhadang glacier, Tibetan Plateau. <i>Journal of Glaciology</i> , <b>2009</b> , 55, 755-758	3-4	49
463	From brightening to dimming in sunshine duration over the eastern and central Tibetan Plateau (1961-2005). <i>Theoretical and Applied Climatology</i> , <b>2010</b> , 101, 445-457	3	49
462	Aerosol and fresh snow chemistry in the East Rongbuk Glacier on the northern slope of Mt. Qomolangma (Everest). <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		49
461	Heavy metals and rare earth elements (REEs) in soil from the Nam Co Basin, Tibetan Plateau. <i>Environmental Geology</i> , <b>2008</b> , 53, 1433-1440		49
460	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> , <b>2018</b> , 123, 671-692	4-4	49
459	Modulation of snow reflectance and snowmelt from Central Asian glaciers by anthropogenic black carbon. <i>Scientific Reports</i> , <b>2017</b> , 7, 40501	4-9	48
458	Stable-isotopic composition of precipitation over the northern slope of the central Himalaya. <i>Journal of Glaciology</i> , <b>2002</b> , 48, 519-526	3-4	48
457	Individual Particle Analysis of Atmospheric Aerosols at Nam Co, Tibetan Plateau. <i>Aerosol and Air Quality Research</i> , <b>2009</b> , 9, 323-331	4-6	48
456	Decadal variation of surface solar radiation in the Tibetan Plateau from observations, reanalysis and model simulations. <i>Climate Dynamics</i> , <b>2013</b> , 40, 2073-2086	4-2	47
455	Characteristics and Changes in Air Temperature and Glacier's Response on the North Slope of Mt. Qomolangma (Mt. Everest). <i>Arctic, Antarctic, and Alpine Research</i> , <b>2011</b> , 43, 147-160	1-8	47
454	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> , <b>2019</b> , 124, 5738-5756	4-4	46
453	Characterizations of wet mercury deposition on a remote high-elevation site in the southeastern Tibetan Plateau. <i>Environmental Pollution</i> , <b>2015</b> , 206, 518-26	9-3	46
452	Ionic composition of wet precipitation over the southern slope of central Himalayas, Nepal. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 2677-87	5-1	46
451	Mercury in wild fish from high-altitude aquatic ecosystems in the Tibetan Plateau. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 5220-8	10-3	46
450	Major ions and trace elements of two selected rivers near Everest region, southern Himalayas, Nepal. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2-9	45
449	Growth of a high-elevation large inland lake, associated with climate change and permafrost degradation in Tibet. <i>Hydrology and Earth System Sciences</i> , <b>2010</b> , 14, 481-489	5-5	45
448	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> , <b>2009</b> , 22, 3910-3925	4-4	45
447	Projection of snow cover changes over China under RCP scenarios. <i>Climate Dynamics</i> , <b>2013</b> , 41, 589-600	4-2	44

446	Atmospheric deposition of trace elements recorded in snow from the Mt. Nyainq̄tanglha region, southern Tibetan Plateau. <i>Chemosphere</i> , <b>2013</b> , 92, 871-81	8.4	44
445	Pre-monsoon air quality over Lumbini, a world heritage site along the Himalayan foothills. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 11041-11063	6.8	44
444	Yak dung combustion aerosols in the Tibetan Plateau: Chemical characteristics and influence on the local atmospheric environment. <i>Atmospheric Research</i> , <b>2015</b> , 156, 58-66	5.4	44
443	Twentieth century increase of atmospheric ammonia recorded in Mount Everest ice core. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, ACL 13-1-ACL 13-9		44
442	Observed changes in snow depth and number of snow days in the eastern and central Tibetan Plateau. <i>Climate Research</i> , <b>2011</b> , 46, 171-183	1.6	44
441	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> , <b>2018</b> , 18, 12859-12875	6.8	44
440	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> , <b>2015</b> , 529, 101-113	10.2	43
439	Carbonaceous aerosol characteristics on the Third Pole: A primary study based on the Atmospheric Pollution and Cryospheric Change (APCC) network. <i>Environmental Pollution</i> , <b>2019</b> , 253, 49-60	9.3	43
438	Investigation of mineral aerosols radiative effects over High Mountain Asia in 1990-2009 using a regional climate model. <i>Atmospheric Research</i> , <b>2016</b> , 178-179, 484-496	5.4	42
437	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> , <b>2018</b> , 639, 1220-1232	10.2	42
436	Inconsistencies of precipitation in the eastern and central Tibetan Plateau between surface adjusted data and reanalysis. <i>Theoretical and Applied Climatology</i> , <b>2012</b> , 109, 485-496	3	42
435	Variability of atmospheric dust loading over the central Tibetan Plateau based on ice core glaciochemistry. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 2980-2989	5.3	42
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