

Shi-chang Kang

List of Publications by Year in descending order

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Version: 2024-02-01

574
papers

27,654
citations

6233

80
h-index

14156

128
g-index

607
all docs

607
docs citations

607
times ranked

15935
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 66, 20956.	0.8	47
2	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> , 2022, 66, 25152.	0.8	17
3	Dissolved organic carbon in Alaskan Arctic snow: concentrations, light-absorption properties, and bioavailability. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1778968.	0.8	13
4	Nitrogenous and carbonaceous aerosols in PM _{2.5} and TSP during pre-monsoon: Characteristics and sources in the highly polluted mountain valley. <i>Journal of Environmental Sciences</i> , 2022, 115, 10-24.	3.2	5
5	Arctic air mass triggered the extreme temperature events recorded in the Laohugou ice core from the northeastern Tibetan Plateau. <i>Atmospheric Research</i> , 2022, 265, 105909.	1.8	5
6	Modification and coupled use of technologies are an essential envisioned need for bioaerosol study “An emerging public health concern. <i>Fundamental Research</i> , 2022, , .	1.6	4
7	Globally elevated chemical weathering rates beneath glaciers. <i>Nature Communications</i> , 2022, 13, 407.	5.8	20
8	Concentrations, Compositions, and Deposition Rates of Dissolved Nitrogen in Western China: Insights From Snow Records. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	2
9	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.	3.9	3
10	Mt. Everest’s highest glacier is a sentinel for accelerating ice loss. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	19
11	Atmospheric Brown Carbon on the Tibetan Plateau: Regional Differences in Chemical Composition and Light Absorption Properties. <i>Environmental Science and Technology Letters</i> , 2022, 9, 219-225.	3.9	9
12	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.	1.9	8
13	Seasonal taxonomic composition of microbial communal shaping the bioaerosols milieu of the urban city of Lanzhou. <i>Archives of Microbiology</i> , 2022, 204, 222.	1.0	2
14	Glacier Surface Speed Variations on the Kenai Peninsula, Alaska, 2014–2019. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	9
15	Tracing Atmospheric Anthropogenic Black Carbon and Its Potential Radiative Response Over the Third Pole Region: A Synoptic-scale Analysis Using WRF-Chem. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	10
16	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> , 2022, 148, 1663-1674.	1.3	4
17	Amplified wintertime Barents Sea warming linked to intensified Barents oscillation. <i>Environmental Research Letters</i> , 2022, 17, 044068.	2.2	11
18	Endolithic microbes of rocks, their community, function and survival strategies. <i>International Biodeterioration and Biodegradation</i> , 2022, 169, 105387.	1.9	12

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19	Future Population Exposure to Daytime and Nighttime Heat Waves in South Asia. <i>Earth's Future</i> , 2022, 10, .	2.4	39
20	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.	5.3	7
21	Long-term mercury variations in tree rings of the permafrost forest, northeastern China. <i>Science China Earth Sciences</i> , 2022, 65, 1328-1338.	2.3	4
22	Spatiotemporal Variation of Snow Cover Frequency in the Qilian Mountains (Northwestern China) during 2000–2020 and Associated Circulation Mechanisms. <i>Remote Sensing</i> , 2022, 14, 2823.	1.8	5
23	Major ions and irrigation water quality assessment of the Nepalese Himalayan rivers. <i>Environment, Development and Sustainability</i> , 2021, 23, 2668-2680.	2.7	23
24	Mercury biogeochemistry over the Tibetan Plateau: An overview. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 577-602.	6.6	18
25	Evidence for Large Amounts of Brown Carbonaceous Tarballs in the Himalayan Atmosphere. <i>Environmental Science and Technology Letters</i> , 2021, 8, 16-23.	3.9	29
26	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.	3.9	20
27	Culture Independent Diversity of Bacterial Communities Indigenous to Lower Altitude at Laohugou Glacial Environment. <i>Geomicrobiology Journal</i> , 2021, 38, 1-13.	1.0	4
28	Investigation of black carbon climate effects in the Arctic in winter and spring. <i>Science of the Total Environment</i> , 2021, 751, 142145.	3.9	9
29	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.	2.9	27
30	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.	3.2	12
31	Airborne bacterial communities over the Tibetan and Mongolian Plateaus: variations and their possible sources. <i>Atmospheric Research</i> , 2021, 247, 105215.	1.8	11
32	Fluorescence characteristics of water-soluble organic carbon in atmospheric aerosol†. <i>Environmental Pollution</i> , 2021, 268, 115906.	3.7	49
33	Spatial distribution and potential sources of methanesulfonic acid in High Asia glaciers. <i>Atmospheric Research</i> , 2021, 248, 105227.	1.8	1
34	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.	1.8	18
35	Carbonaceous matter in the atmosphere and glaciers of the Himalayas and the Tibetan plateau: An investigative review. <i>Environment International</i> , 2021, 146, 106281.	4.8	42
36	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.	1.8	8

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37	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.	3.7	10
38	Isotopic signatures of stratospheric air at the Himalayas and beyond. <i>Science Bulletin</i> , 2021, 66, 323-326.	4.3	7
39	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.	3.9	153
40	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.	3.7	19
41	Snow cover controls seasonally frozen ground regime on the southern edge of Altai Mountains. <i>Agricultural and Forest Meteorology</i> , 2021, 297, 108271.	1.9	18
42	Contribution of South Asian biomass burning to black carbon over the Tibetan Plateau and its climatic impact. <i>Environmental Pollution</i> , 2021, 270, 116195.	3.7	18
43	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.	3.9	8
44	Spatio-temporal characteristics of air pollutants over Xinjiang, northwestern China. <i>Environmental Pollution</i> , 2021, 268, 115907.	3.7	38
45	Microplastics in freshwater sediment: A review on methods, occurrence, and sources. <i>Science of the Total Environment</i> , 2021, 754, 141948.	3.9	245
46	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.	1.4	14
47	Glacier elevation change in the Western Qilian mountains as observed by TerraSAR-X/TanDEM-X images. <i>Geocarto International</i> , 2021, 36, 1365-1377.	1.7	6
48	Shallow hot-point drill system for active layer temperature measurement along Zhongshanâ€Dome A traverse, Antarctica. <i>Annals of Glaciology</i> , 2021, 62, 157-165.	2.8	2
49	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.	4.6	9
50	Quantification and implication of measurement bias of ambient atmospheric BC concentration. <i>Atmospheric Environment</i> , 2021, 249, 118244.	1.9	2
51	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.	2.1	3
52	Black carbon concentration in the central Himalayas: Impact on glacier melt and potential source contribution. <i>Environmental Pollution</i> , 2021, 275, 116544.	3.7	32
53	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.	1.8	3
54	Accelerating permafrost collapse on the eastern Tibetan Plateau. <i>Environmental Research Letters</i> , 2021, 16, 054023.	2.2	24

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55	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.	1.8	9
56	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, .	3.3	138
57	Warming amplification over the Arctic Pole and Third Pole: Trends, mechanisms and consequences. <i>Earth-Science Reviews</i> , 2021, 217, 103625.	4.0	157
58	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.	0.8	2
59	Hf ^ε –Nd ^ε –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.	4.6	21
60	Characteristics of dissolved organic carbon and nitrogen in precipitation in the northern Tibetan Plateau. <i>Science of the Total Environment</i> , 2021, 776, 145911.	3.9	8
61	PM1 chemical composition and light absorption properties in urban and rural areas within Sichuan Basin, southwest China. <i>Environmental Pollution</i> , 2021, 280, 116970.	3.7	4
62	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.	2.1	12
63	Prediction of changes in water balance of Nam Co Lake under projected climate change scenarios. <i>Hydrological Sciences Journal</i> , 2021, 66, 1712-1727.	1.2	2
64	Microplastics in soil: A review on methods, occurrence, sources, and potential risk. <i>Science of the Total Environment</i> , 2021, 780, 146546.	3.9	374
65	Sulfur aerosols in the Arctic, Antarctic, and Tibetan Plateau: Current knowledge and future perspectives. <i>Earth-Science Reviews</i> , 2021, 220, 103753.	4.0	9
66	Increasing cloud water resource in a warming world. <i>Environmental Research Letters</i> , 2021, 16, 124067.	2.2	3
67	Regional Differences in the Light Absorption Properties of Fine Particulate Matter Over the Tibetan Plateau: Insights From HR ^ε –ToF ^ε –AMS and Aethalometer Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, .	1.2	4
68	Perspectives on future sea ice and navigability in the Arctic. <i>Cryosphere</i> , 2021, 15, 5473-5482.	1.5	18
69	Mercury isotopes in frozen soils reveal transboundary atmospheric mercury deposition over the Himalayas and Tibetan Plateau. <i>Environmental Pollution</i> , 2020, 256, 113432.	3.7	23
70	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.	3.2	11
71	Light absorption, fluorescence properties and sources of brown carbon aerosols in the Southeast Tibetan Plateau. <i>Environmental Pollution</i> , 2020, 257, 113616.	3.7	45
72	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.	1.8	11

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73	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.	3.7	20
74	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.	1.8	39
75	High particulate carbon deposition in Lhasa—a typical city in the Himalayan—Tibetan Plateau due to local contributions. <i>Chemosphere</i> , 2020, 247, 125843.	4.2	11
76	Seasonality of carbonaceous aerosol composition and light absorption properties in Karachi, Pakistan. <i>Journal of Environmental Sciences</i> , 2020, 90, 286-296.	3.2	20
77	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.	1.2	16
78	A hybrid method for PM _{2.5} source apportionment through WRF-Chem simulations and an assessment of emission-reduction measures in western China. <i>Atmospheric Research</i> , 2020, 236, 104787.	1.8	12
79	Chemical components and distributions in precipitation in the Third Pole. , 2020, , 3-41.		1
80	Chemical components and distributions in glaciers of the Third Pole. , 2020, , 71-134.		5
81	Nutrients and organic carbons in river waters of the Third Pole. , 2020, , 179-209.		1
82	Permafrost degradation enhances the risk of mercury release on Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , 2020, 708, 135127.	3.9	35
83	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.	4.2	26
84	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.	1.1	23
85	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.	2.7	13
86	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.	3.9	18
87	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.	3.9	13
88	Light-absorbing impurities accelerating glacial melting in southeastern Tibetan Plateau. <i>Environmental Pollution</i> , 2020, 257, 113541.	3.7	24
89	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.	4.0	162
90	Elevation dependent warming over the Tibetan Plateau: Patterns, mechanisms and perspectives. <i>Earth-Science Reviews</i> , 2020, 210, 103349.	4.0	132

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91	Isotopic constraints on the formation pathways and sources of atmospheric nitrate in the Mt. Everest region. <i>Environmental Pollution</i> , 2020, 267, 115274.	3.7	9
92	A review of black carbon in snow and ice and its impact on the cryosphere. <i>Earth-Science Reviews</i> , 2020, 210, 103346.	4.0	139
93	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.	4.8	12
94	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.	1.9	4
95	Surface mean temperature from the observational stations and multiple reanalyses over the Tibetan Plateau. <i>Climate Dynamics</i> , 2020, 55, 2405-2419.	1.7	42
96	Observing and Modeling the Isotopic Evolution of Snow Meltwater on the Southeastern Tibetan Plateau. <i>Water Resources Research</i> , 2020, 56, e2019WR026423.	1.7	15
97	Changes in sea ice and future accessibility along the Arctic Northeast Passage. <i>Global and Planetary Change</i> , 2020, 195, 103319.	1.6	39
98	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.	4.0	43
99	Can summer monsoon moisture invade the Jade Pass in Northwestern China?. <i>Climate Dynamics</i> , 2020, 55, 3101-3115.	1.7	11
100	A Complete Isotope ($\delta^{15}\text{N}$, $\delta^{18}\text{O}$, $\delta^{17}\text{O}$) 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.	1.2	6
101	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.	4.6	23
102	Arctic sea-ice loss intensifies aerosol transport to the Tibetan Plateau. <i>Nature Climate Change</i> , 2020, 10, 1037-1044.	8.1	68
103	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.	1.5	2
104	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.	3.9	21
105	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.	1.2	18
106	Data on DOC and N from the Muz tau glacier in Central Asia. <i>Data in Brief</i> , 2020, 30, 105556.	0.5	0
107	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.	3.9	12
108	Pigment production by cold-adapted bacteria and fungi: colorful tale of cryosphere with wide range applications. <i>Extremophiles</i> , 2020, 24, 447-473.	0.9	88

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109	PM2.5 and O3 pollution during 2015–2019 over 367 Chinese cities: Spatiotemporal variations, meteorological and topographical impacts. <i>Environmental Pollution</i> , 2020, 264, 114694.	3.7	124
110	Glacier mass and area changes on the Kenai Peninsula, Alaska, 1986–2016. <i>Journal of Glaciology</i> , 2020, 66, 603-617.	1.1	10
111	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.	3.7	16
112	Two heavy haze events over Lumbini in southern Nepal: Enhanced aerosol radiative forcing and heating rates. <i>Atmospheric Environment</i> , 2020, 236, 117658.	1.9	12
113	Microbial Community Composition Analysis in Spring Aerosols at Urban and Remote Sites over the Tibetan Plateau. <i>Atmosphere</i> , 2020, 11, 527.	1.0	4
114	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.	3.9	12
115	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.	1.1	13
116	Effects of black carbon and mineral dust on glacial melting on the Muz Taw glacier, Central Asia. <i>Science of the Total Environment</i> , 2020, 740, 140056.	3.9	37
117	Atmospheric microplastics: A review on current status and perspectives. <i>Earth-Science Reviews</i> , 2020, 203, 103118.	4.0	630
118	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.	1.6	54
119	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, 117351.	1.9	4
120	Sources and spatio-temporal distribution of aerosol polycyclic aromatic hydrocarbons throughout the Tibetan Plateau. <i>Environmental Pollution</i> , 2020, 261, 114144.	3.7	23
121	Light absorption properties of elemental carbon (EC) and water-soluble brown carbon (WSBrC) in the Kathmandu Valley, Nepal: A 5-year study. <i>Environmental Pollution</i> , 2020, 261, 114239.	3.7	35
122	Latest observations of total gaseous mercury in a megacity (Lanzhou) in northwest China. <i>Science of the Total Environment</i> , 2020, 720, 137494.	3.9	14
123	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.	1.2	10
124	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.	3.7	6
125	Climate and hydrological changes in the Ob River Basin during 1936–2017. <i>Hydrological Processes</i> , 2020, 34, 1821-1836.	1.1	19
126	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.	2.7	15

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127	Relative contribution of mineral dust versus black carbon to Third Pole glacier melting. Atmospheric Environment, 2020, 223, 117288.	1.9	15
128	The vertical profiles of carbonaceous aerosols and key influencing factors during wintertime over western Sichuan Basin, China. Atmospheric Environment, 2020, 223, 117269.	1.9	20
129	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. Atmospheric Research, 2020, 240, 104937.	1.8	7
130	Characterization, sources and transport of dissolved organic carbon and nitrogen from a glacier in the Central Asia. Science of the Total Environment, 2020, 725, 138346.	3.9	21
131	Decoupling Natural and Anthropogenic Mercury and Lead Transport from South Asia to the Himalayas. Environmental Science & Technology, 2020, 54, 5429-5436.	4.6	19
132	Vegetation Mediated Mercury Flux and Atmospheric Mercury in the Alpine Permafrost Region of the Central Tibetan Plateau. Environmental Science & Technology, 2020, 54, 6043-6052.	4.6	18
133	Soil thermal regime alteration under experimental warming in permafrost regions of the central Tibetan Plateau. Geoderma, 2020, 372, 114397.	2.3	16
134	Measurements of light-absorbing impurities in snow over four glaciers on the Tibetan Plateau. Atmospheric Research, 2020, 243, 105002.	1.8	7
135	Aerosol characteristics and impacts on weather and climate over the Tibetan Plateau. National Science Review, 2020, 7, 492-495.	4.6	128
136	Columnar aerosol properties and radiative effects over Dushanbe, Tajikistan in Central Asia. Environmental Pollution, 2020, 265, 114872.	3.7	21
137	Desert dust as a significant carrier of atmospheric mercury. Environmental Pollution, 2020, 267, 115442.	3.7	15
138	Going to Extremes: Installing the World's Highest Weather Stations on Mount Everest. Bulletin of the American Meteorological Society, 2020, 101, E1870-E1890.	1.7	46
139	Study on Mercury in PM10 at an Urban Site in the Central Indo-Gangetic Plain: Seasonal Variability and Influencing Factors. Aerosol and Air Quality Research, 2020, 20, 2729-2740.	0.9	12
140	Impact of topography on black carbon transport to the southern Tibetan Plateau during the pre-monsoon season and its climatic implication. Atmospheric Chemistry and Physics, 2020, 20, 5923-5943.	1.9	25
141	Satellite-observed monthly glacier and snow mass changes in southeast Tibet: implication for substantial meltwater contribution to the Brahmaputra. Cryosphere, 2020, 14, 2267-2281.	1.5	24
142	Dissolved organic carbon in snow cover of the Chinese Altai Mountains, Central Asia: Concentrations, sources and light-absorption properties. Science of the Total Environment, 2019, 647, 1385-1397.	3.9	39
143	Deposition of Organic and Black Carbon: Direct Measurements at Three Remote Stations in the Himalayas and Tibetan Plateau. Journal of Geophysical Research D: Atmospheres, 2019, 124, 9702-9715.	1.2	29
144	Trace elements analysis in hair strand of cooks chronically exposed to indoor air pollution in restaurants of Lhasa, Tibet: preliminary results. SN Applied Sciences, 2019, 1, 1.	1.5	3

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145	Simulation and Analysis of the Water Balance of the Nam Co Lake Using SWAT Model. <i>Water</i> (Switzerland), 2019, 11, 1383.	1.2	14
146	Vertical distribution of the Asian tropopause aerosols detected by CALIPSO. <i>Environmental Pollution</i> , 2019, 253, 207-220.	3.7	11
147	Gaseous and particulate pollutants in Lhasa, Tibet during 2013–2017: Spatial variability, temporal variations and implications. <i>Environmental Pollution</i> , 2019, 253, 68-77.	3.7	53
148	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.	3.9	24
149	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.	1.1	17
150	Spatiotemporal variations of air pollutants in western China and their relationship to meteorological factors and emission sources. <i>Environmental Pollution</i> , 2019, 254, 112952.	3.7	59
151	Importance of atmospheric transport for microplastics deposited in remote areas. <i>Environmental Pollution</i> , 2019, 254, 112953.	3.7	172
152	Linking the conventional and emerging detection techniques for ambient bioaerosols: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2019, 18, 495-523.	3.9	29
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