Lekhendra Tripathee

List of Publications by Year
in descending order

390	17,316	17440 63	29157 104
papers	citations	h-index	g-index

403	403	403	10136
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review of climate and cryospheric change in the Tibetan Plateau. Environmental Research Letters, 2010, 5, 015101.	5.2	829
2	Atmospheric microplastics: A review on current status and perspectives. Earth-Science Reviews, 2020, 203, 103118.	9.1	630
3	Recent Third Poleâ€™s Rapid Warming Accompanies Cryospheric Melt and Water Cycle Intensification and Interactions between Monsoon and Environment: Multidisciplinary Approach with Observations, Modeling, and Analysis. Bulletin of the American Meteorological Society, 2019, 100, 423-444.	3.3	590
4	Changes in daily climate extremes in the eastern and central Tibetan Plateau during 1961â€“2005. Journal of Geophysical Research, 2008, 113, .	3.3	282
5	Linking atmospheric pollution to cryospheric change in the Third Pole region: current progress and future prospects. National Science Review, 2019, 6, 796-809.	9.5	271
6	Sources of black carbon to the Himalayanâ€“Tibetan Plateau glaciers. Nature Communications, 2016, 7, 12574.	12.8	265
7	Microplastics in freshwater sediment: A review on methods, occurrence, and sources. Science of the Total Environment, 2021, 754, 141948.	8.0	245
8	Penetration of biomass-burning emissions from South Asia through the Himalayas: new insights from atmospheric organic acids. Scientific Reports, 2015, 5, 9580.	3.3	180
9	Rapid warming in the Tibetan Plateau from observations and <scp>CMIP5</scp> models in recent decades. International Journal of Climatology, 2016, 36, 2660-2670.	3.5	176
10	Monitoring glacier variations on Geladandong mountain, central Tibetan Plateau, from 1969 to 2002 using remote-sensing and GIS technologies. Journal of Glaciology, 2006, 52, 537-545.	2.2	162
11	Review of snow cover variation over the Tibetan Plateau and its influence on the broad climate system. Earth-Science Reviews, 2020, 201, 103043.	9.1	162
12	Warming amplification over the Arctic Pole and Third Pole: Trends, mechanisms and consequences. Earth-Science Reviews, 2021, 217, 103625.	9.1	157
13	Microplastics in glaciers of the Tibetan Plateau: Evidence for the long-range transport of microplastics. Science of the Total Environment, 2021, 758, 143634.	8.0	153
14	Elemental composition of aerosol in the Nam Co region, Tibetan Plateau, during summer monsoon season. Atmospheric Environment, 2007, 41, 1180-1187.	4.1	147
15	Detection of spatio-temporal variability of air temperature and precipitation based on long-term meteorological station observations over Tianshan Mountains, Central Asia. Atmospheric Research, 2018, 203, 141-163.	4.1	145
16	Major ionic composition of precipitation in the Nam Co region, Central Tibetan Plateau. Atmospheric Research, 2007, 85, 351-360.	4.1	144
17	Levoglucosan as a tracer of biomass burning: Recent progress and perspectives. Atmospheric Research, 2019, 220, 20-33.	4.1	144
18	Atmospheric wet deposition of trace elements to central Tibetan Plateau. Applied Geochemistry, 2010, 25, 1415-1421.	3.0	143

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19	Glacial distribution and mass balance in the Yarlung Zangbo River and its influence on lakes. Science Bulletin, 2010, 55, 2072-2078.	1.7	140
20	A review of black carbon in snow and ice and its impact on the cryosphere. Earth-Science Reviews, 2020, 210, 103346.	9.1	139
21	Water quality in the Tibetan Plateau: Major ions and trace elements in rivers of the â€œWater Tower of Asiaâ€• Science of the Total Environment, 2019, 649, 571-581.	8.0	131
22	Atmospheric Mercury Depositional Chronology Reconstructed from Lake Sediments and Ice Core in the Himalayas and Tibetan Plateau. Environmental Science & Technology, 2016, 50, 2859-2869.	10.0	130
23	Aerosol characteristics and impacts on weather and climate over the Tibetan Plateau. National Science Review, 2020, 7, 492-495.	9.5	128
24	PM2.5 and O3 pollution during 2015â€“2019 over 367 Chinese cities: Spatiotemporal variations, meteorological and topographical impacts. Environmental Pollution, 2020, 264, 114694.	7.5	124
25	Historical Trends of Atmospheric Black Carbon on Tibetan Plateau As Reconstructed from a 150-Year Lake Sediment Record. Environmental Science & Technology, 2013, 47, 2579-2586.	10.0	123
26	Water-Soluble Brown Carbon in Atmospheric Aerosols from Godavari (Nepal), a Regional Representative of South Asia. Environmental Science & Technology, 2019, 53, 3471-3479.	10.0	115
27	Bacterial diversity in the snow over Tibetan Plateau Glaciers. Extremophiles, 2009, 13, 411-423.	2.3	114
28	Elemental composition of Tibetan Plateau top soils and its effect on evaluating atmospheric pollution transport. Environmental Pollution, 2009, 157, 2261-2265.	7.5	114
29	Lightâ€absorbing impurities enhance glacier albedo reduction in the southeastern Tibetan plateau. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6915-6933.	3.3	114
30	Baseline continental aerosol over the central Tibetan plateau and a case study of aerosol transport from South Asia. Atmospheric Environment, 2011, 45, 7370-7378.	4.1	112
31	Evaluation of extreme climate events using a regional climate model for China. International Journal of Climatology, 2015, 35, 888-902.	3.5	108
32	Energy and mass balance of Zhadang glacier surface, central Tibetan Plateau. Journal of Glaciology, 2013, 59, 137-148.	2.2	105
33	Seasonal differences in snow chemistry from the vicinity of Mt. Everest, central Himalayas. Atmospheric Environment, 2004, 38, 2819-2829.	4.1	104
34	Atmospheric Transport of Mercury to the Tibetan Plateau. Environmental Science & Technology, 2007, 41, 7632-7638.	10.0	103
35	Elemental and individual particle analysis of atmospheric aerosols from high Himalayas. Environmental Monitoring and Assessment, 2010, 160, 323-335.	2.7	100
36	Simulation of carbonaceous aerosols over the Third Pole and adjacent regions: distribution, transportation, deposition, and climatic effects. Climate Dynamics, 2015, 45, 2831-2846.	3.8	95

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37	Aerosol optical properties at Nam Co, a remote site in central Tibetan Plateau. Atmospheric Research, 2009, 92, 42-48.	4.1	93
38	Carbonaceous particles in the atmosphere and precipitation of the Nam Co region, central Tibet. Journal of Environmental Sciences, 2010, 22, 1748-1756.	6.1	93
39	Mercury Distribution and Deposition in Glacier Snow over Western China. Environmental Science & Technology, 2012, 46, 5404-5413.	10.0	93
40	Chemical Composition of Microbe-Derived Dissolved Organic Matter in Cryoconite in Tibetan Plateau Glaciers: Insights from Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Analysis. Environmental Science & Technology, 2016, 50, 13215-13223.	10.0	92
41	Concentrations and light absorption characteristics of carbonaceous aerosol in PM 2.5 and PM 10 of Lhasa city, the Tibetan Plateau. Atmospheric Environment, 2016, 127, 340-346.	4.1	91
42	Light-absorbing impurities accelerate glacier melt in the Central Tibetan Plateau. Science of the Total Environment, 2017, 587-588, 482-490.	8.0	91
43	Organic molecular tracers in the atmospheric aerosols from Lumbini, Nepal, in the northern Indo-Gangetic Plain: influence of biomass burning. Atmospheric Chemistry and Physics, 2017, 17, 8867-8885.	4.9	91
44	Black carbon and mineral dust in snow cover on the Tibetan Plateau. Cryosphere, 2018, 12, 413-431.	3.9	89
45	Spatial and seasonal variations of elemental composition in Mt. Everest (Qomolangma) snow/firn. Atmospheric Environment, 2007, 41, 7208-7218.	4.1	87
46	Concentrations of trace elements in wet deposition over the central Himalayas, Nepal. Atmospheric Environment, 2014, 95, 231-238.	4.1	86
47	Double-Nested Dynamical Downscaling Experiments over the Tibetan Plateau and Their Projection of Climate Change under Two RCP Scenarios. Journals of the Atmospheric Sciences, 2013, 70, 1278-1290.	1.7	85
48	Characteristics and sources of polycyclic aromatic hydrocarbons in atmospheric aerosols in the Kathmandu Valley, Nepal. Science of the Total Environment, 2015, 538, 86-92.	8.0	85
49	Black carbon-induced snow albedo reduction over the Tibetan Plateau: uncertainties from snow grain shape and aerosolâ€“snow mixing state based on an updated SNICAR model. Atmospheric Chemistry and Physics, 2018, 18, 11507-11527.	4.9	85
50	Wet deposition of mercury at a remote site in the Tibetan Plateau: Concentrations, speciation, and fluxes. Atmospheric Environment, 2012, 62, 540-550.	4.1	84
51	Wintertime organic and inorganic aerosols in Lanzhou, China: sources, processes, and comparison with the results during summer. Atmospheric Chemistry and Physics, 2016, 16, 14937-14957.	4.9	83
52	Trace elements and lead isotopic composition of PM10 in Lhasa, Tibet. Atmospheric Environment, 2011, 45, 6210-6215.	4.1	82
53	Recent temperature increase recorded in an ice core in the source region of Yangtze River. Science Bulletin, 2007, 52, 825-831.	1.7	81
54	Humic-Like Substances (HULIS) in Aerosols of Central Tibetan Plateau (Nam Co, 4730 m asl): Abundance, Light Absorption Properties, and Sources. Environmental Science & Technology, 2018, 52, 7203-7211.	10.0	78

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55	Indoor air pollution from burning yak dung as a household fuel in Tibet. Atmospheric Environment, 2015, 102, 406-412.	4.1	77
56	Wet precipitation chemistry at a high-altitude site (3,326Âmâ€‰a.s.l.) in the southeastern Tibetan Plateau. Environmental Science and Pollution Research, 2013, 20, 5013-5027.	5.3	75
57	Size distribution of carbonaceous aerosols at a high-altitude site on the central Tibetan Plateau (Nam) Tj ETQq1 1 0.784314 rgBT /Ove	4.1	75
58	Modeling the Origin of Anthropogenic Black Carbon and Its Climatic Effect Over the Tibetan Plateau and Surrounding Regions. Journal of Geophysical Research D: Atmospheres, 2018, 123, 671-692.	3.3	75
59	Microbial community structure in moraine lakes and glacial meltwaters, Mount Everest. FEMS Microbiology Letters, 2006, 265, 98-105.	1.8	72
60	Pre-monsoon air quality over Lumbini, aÂworld heritage site along the Himalayan foothills. Atmospheric Chemistry and Physics, 2017, 17, 11041-11063.	4.9	70
61	Research progresses of microplastic pollution in freshwater systems. Science of the Total Environment, 2021, 795, 148888.	8.0	70
62	Preliminary Health Risk Assessment of Potentially Toxic Metals in Surface Water of the Himalayan Rivers, Nepal. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 855-862.	2.7	69
63	Simulation of temperature extremes in the Tibetan Plateau from CMIP5 models and comparison with gridded observations. Climate Dynamics, 2018, 51, 355-369.	3.8	68
64	Arctic sea-ice loss intensifies aerosol transport to the Tibetan Plateau. Nature Climate Change, 2020, 10, 1037-1044.	18.8	68
65	New insights into trace elements deposition in the snow packs at remote alpine glaciers in the northern Tibetan Plateau, China. Science of the Total Environment, 2015, 529, 101-113.	8.0	67
66	Recent increases in atmospheric concentrations of Bi, U, Cs, S and Ca from a 350â€year Mount Everest ice core record. Journal of Geophysical Research, 2009, 114, .	3.3	65
67	Concentration, sources and light absorption characteristics of dissolved organic carbon on a medium-sized valley glacier, northern Tibetan Plateau. Cryosphere, 2016, 10, 2611-2621.	3.9	65
68	Diversity and succession of autotrophic microbial community in high-elevation soils along deglaciation chronosequence. FEMS Microbiology Ecology, 2016, 92, fiw160.	2.7	65
69	Yak dung combustion aerosols in the Tibetan Plateau: Chemical characteristics and influence on the local atmospheric environment. Atmospheric Research, 2015, 156, 58-66.	4.1	64
70	Carbonaceous aerosol characteristics on the Third Pole: A primary study based on the Atmospheric Pollution and Cryospheric Change (APCC) network. Environmental Pollution, 2019, 253, 49-60.	7.5	64
71	Simulation of the anthropogenic aerosols over South Asia and their effects on Indian summer monsoon. Climate Dynamics, 2011, 36, 1633-1647.	3.8	63
72	Modulation of snow reflectance and snowmelt from Central Asian glaciers by anthropogenic black carbon. Scientific Reports, 2017, 7, 40501.	3.3	63

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73	Surface ozone at Nam Co in the inland Tibetan Plateau: variation, synthesis comparison and regional representativeness. Atmospheric Chemistry and Physics, 2017, 17, 11293-11311.	4.9	63
74	Light absorption characteristics of carbonaceous aerosols in two remote stations of the southern fringe of the Tibetan Plateau, China. Atmospheric Environment, 2016, 143, 79-85.	4.1	62
75	Chemical characteristics of soluble aerosols over the central Himalayas: insights into spatiotemporal variations and sources. Environmental Science and Pollution Research, 2017, 24, 24454-24472.	5.3	62
76	Glacier variations and climate warming and drying in the central Himalayas. Science Bulletin, 2004, 49, 65-69.	1.7	61
77	Wet deposition of mercury at Lhasa, the capital city of Tibet. Science of the Total Environment, 2013, 447, 123-132.	8.0	61
78	Mercury in Wild Fish from High-Altitude Aquatic Ecosystems in the Tibetan Plateau. Environmental Science & Technology, 2014, 48, 5220-5228.	10.0	61
79	Major ions and trace elements of two selected rivers near Everest region, southern Himalayas, Nepal. Environmental Earth Sciences, 2016, 75, 1.	2.7	61
80	Concentration, temporal variation, and sources of black carbon in the Mt. Everest region retrieved by real-time observation and simulation. Atmospheric Chemistry and Physics, 2018, 18, 12859-12875.	4.9	61
81	Evaluation of a Coupled Snow and Energy Balance Model for Zhadang Glacier, Tibetan Plateau, Using Glaciological Measurements and Time-Lapse Photography. Arctic, Antarctic, and Alpine Research, 2015, 47, 573-590.	1.1	60
82	Spatiotemporal variations of air pollutants in western China and their relationship to meteorological factors and emission sources. Environmental Pollution, 2019, 254, 112952.	7.5	59
83	Heavy metals and rare earth elements (REEs) in soil from the Nam Co Basin, Tibetan Plateau. Environmental Geology, 2008, 53, 1433-1440.	1.2	58
84	Aerosol optical depth climatology over Central Asian countries based on Aqua-MODIS Collection 6.1 data: Aerosol variations and sources. Atmospheric Environment, 2019, 207, 205-214.	4.1	58
85	Ionic composition of wet precipitation over the southern slope of central Himalayas, Nepal. Environmental Science and Pollution Research, 2014, 21, 2677-2687.	5.3	57
86	Stable-isotopic composition of precipitation over the northern slope of the central Himalaya. Journal of Glaciology, 2002, 48, 519-526.	2.2	55
87	Dust records from three ice cores: relationships to spring atmospheric circulation over the Northern Hemisphere. Atmospheric Environment, 2003, 37, 4823-4835.	4.1	55
88	Aerosol and fresh snow chemistry in the East Rongbuk Glacier on the northern slope of Mt. Qomolangma (Everest). Journal of Geophysical Research, 2007, 112, .	3.3	55
89	Characteristics and Changes in Air Temperature and Glacierâ€™s Response on the North Slope of Mt. Qomolangma (Mt. Everest). Arctic, Antarctic, and Alpine Research, 2011, 43, 147-160.	1.1	55
90	Atmospheric deposition of trace elements recorded in snow from the Mt. NyainqÃªntanglha region, southern Tibetan Plateau. Chemosphere, 2013, 92, 871-881.	8.2	54

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91	Tibetan Plateau amplification of climate extremes under global warming of 1.5ÂÂ°C, 2ÂÂ°C and 3ÂÂ°C. Global and Planetary Change, 2020, 192, 103261.	3.5	54
92	Early onset of rainy season suppresses glacier melt: a case study on Zhadang glacier, Tibetan Plateau. Journal of Glaciology, 2009, 55, 755-758.	2.2	53
93	Gaseous and particulate pollutants in Lhasa, Tibet during 2013â€“2017: Spatial variability, temporal variations and implications. Environmental Pollution, 2019, 253, 68-77.	7.5	53
94	Twentieth century increase of atmospheric ammonia recorded in Mount Everest ice core. Journal of Geophysical Research, 2002, 107, ACL 13-1-ACL 13-9.	3.3	52
95	Seasonal variations of trace elements in precipitation at the largest city in Tibet, Lhasa. Atmospheric Research, 2015, 153, 87-97.	4.1	51
96	Polycyclic aromatic hydrocarbons in soils from the Central-Himalaya region: Distribution, sources, and risks to humans and wildlife. Science of the Total Environment, 2016, 556, 12-22.	8.0	51
97	Seasonal variation and light absorption property of carbonaceous aerosol in a typical glacier region of the southeastern Tibetan Plateau. Atmospheric Chemistry and Physics, 2018, 18, 6441-6460.	4.9	51
98	Albedo reduction as an important driver for glacier melting in Tibetan Plateau and its surrounding areas. Earth-Science Reviews, 2021, 220, 103735.	9.1	50
99	Microplastic characteristic in the soil across the Tibetan Plateau. Science of the Total Environment, 2022, 828, 154518.	8.0	50
100	Characterizations of wet mercury deposition on a remote high-elevation site in the southeastern Tibetan Plateau. Environmental Pollution, 2015, 206, 518-526.	7.5	49
101	Light-absorbing impurities in a southern Tibetan Plateau glacier: Variations and potential impact on snow albedo and radiative forcing. Atmospheric Research, 2018, 200, 77-87.	4.1	49
102	Fluorescence characteristics of water-soluble organic carbon in atmospheric aerosolâ˜†. Environmental Pollution, 2021, 268, 115906.	7.5	49
103	River water quality across the Himalayan regions: elemental concentrations in headwaters of Yarlung Tsangbo, Indus and Ganges River. Environmental Earth Sciences, 2015, 73, 4151-4163.	2.7	48
104	Investigation of mineral aerosols radiative effects over High Mountain Asia in 1990â€“2009 using a regional climate model. Atmospheric Research, 2016, 178-179, 484-496.	4.1	48
105	Microplastics in the Koshi River, a remote alpine river crossing the Himalayas from China to Nepal. Environmental Pollution, 2021, 290, 118121.	7.5	48
106	Variability of atmospheric dust loading over the central Tibetan Plateau based on ice core glaciochemistry. Atmospheric Environment, 2010, 44, 2980-2989.	4.1	47
107	Physicochemical characteristics and sources of atmospheric dust deposition in snow packs on the glaciers of western Qilian Mountains, China. Tellus, Series B: Chemical and Physical Meteorology, 2022, 66, 20956.	1.6	47
108	Source apportionment of particle-bound polycyclic aromatic hydrocarbons in Lumbini, Nepal by using the positive matrix factorization receptor model. Atmospheric Research, 2016, 182, 46-53.	4.1	47

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109	Emission Measurements from Traditional Biomass Cookstoves in South Asia and Tibet. Environmental Science & Technology, 2019, 53, 3306-3314.	10.0	47
110	Provenance of cryoconite deposited on the glaciers of the Tibetan Plateau: New insights from Ndâ€šr isotopic composition and size distribution. Journal of Geophysical Research D: Atmospheres, 2016, 121, 7371-7382.	3.3	46
111	A 108.83-m Ice-Core Record of Atmospheric Dust Deposition at Mt. Qomolangma (Everest), Central Himalaya. Quaternary Research, 2010, 73, 33-38.	1.7	45
112	Geothermal spring causes arsenic contamination in river waters of the southern Tibetan Plateau, China. Environmental Earth Sciences, 2014, 71, 4143-4148.	2.7	45
113	Large Variation of Mercury Isotope Composition During a Single Precipitation Event at Lhasa City, Tibetan Plateau, China. Procedia Earth and Planetary Science, 2015, 13, 282-286.	0.6	45
114	Light absorption, fluorescence properties and sources of brown carbon aerosols in the Southeast Tibetan Plateau. Environmental Pollution, 2020, 257, 113616.	7.5	45
115	Glacier variations in the Naimonaâ€™nyi region, western Himalaya, in the last three decades. Annals of Glaciology, 2006, 43, 385-389.	1.4	44
116	Spatial distribution and magnification processes of mercury in snow from high-elevation glaciers in the Tibetan Plateau. Atmospheric Environment, 2012, 46, 140-146.	4.1	44
117	Atmospheric Aerosol Elements over the Inland Tibetan Plateau: Concentration, Seasonality, and Transport. Aerosol and Air Quality Research, 2016, 16, 789-800.	2.1	44
118	Reduced winter runoff in a mountainous permafrost region in the northern Tibetan Plateau. Cold Regions Science and Technology, 2016, 126, 36-43.	3.5	44
119	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. Atmospheric Research, 2019, 223, 15-23.	4.1	44
120	Major Ion Geochemistry of Nam Co Lake and its Sources, Tibetan Plateau. Aquatic Geochemistry, 2008, 14, 321-336.	1.3	43
121	Suppression of precipitation by dust particles originated in the Tibetan Plateau. Atmospheric Environment, 2009, 43, 568-574.	4.1	43
122	Seasonal variations and sources of ambient fossil and biogenic-derived carbonaceous aerosols based on 14C measurements in Lhasa, Tibet. Atmospheric Research, 2010, 96, 553-559.	4.1	43
123	Spatial distribution, sources and risk assessment of potentially toxic trace elements and rare earth elements in soils of the Langtang Himalaya, Nepal. Environmental Earth Sciences, 2016, 75, 1.	2.7	43
124	Water chemistry of the southern Tibetan Plateau: an assessment of the Yarlung Tsangpo river basin. Environmental Earth Sciences, 2017, 76, 1.	2.7	43
125	Glacier mass changes in Rongbuk catchment on Mt. Qomolangma from 1974 to 2006 based on topographic maps and ALOS PRISM data. Journal of Hydrology, 2015, 530, 273-280.	5.4	42
126	Multi-year monitoring of atmospheric total gaseous mercury at a remote high-altitude site (Nam Co,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 10557-10574.	4.9	42

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127	Carbonaceous matter in the atmosphere and glaciers of the Himalayas and the Tibetan plateau: An investigative review. Environment International, 2021, 146, 106281.	10.0	42
128	Assessment of water quality and health risks for toxic trace elements in urban Phewa and remote Gosainkunda lakes, Nepal. Human and Ecological Risk Assessment (HERA), 2017, 23, 959-973.	3.4	41
129	Deposition and light absorption characteristics of precipitation dissolved organic carbon (DOC) at three remote stations in the Himalayas and Tibetan Plateau, China. Science of the Total Environment, 2017, 605-606, 1039-1046.	8.0	41
130	Molecular characterization of organic aerosols in the Kathmandu Valley, Nepal: insights into primary and secondary sources. Atmospheric Chemistry and Physics, 2019, 19, 2725-2747.	4.9	41
131	Background aerosol over the Himalayas and Tibetan Plateau: observed characteristics of aerosol mass loading. Atmospheric Chemistry and Physics, 2017, 17, 449-463.	4.9	40
132	New insights into trace element wet deposition in the Himalayas: amounts, seasonal patterns, and implications. Environmental Science and Pollution Research, 2015, 22, 2735-2744.	5.3	39
133	Characterizations of atmospheric particulate-bound mercury in the Kathmandu Valley of Nepal, South Asia. Science of the Total Environment, 2017, 579, 1240-1248.	8.0	39
134	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.	8.0	39
135	Historical Black Carbon Reconstruction from the Lake Sediments of the Himalayanâ€“Tibetan Plateau. Environmental Science & Technology, 2019, 53, 5641-5651.	10.0	39
136	Spatial and temporal distribution of total mercury in atmospheric wet precipitation at four sites from the Nepal-Himalayas. Science of the Total Environment, 2019, 655, 1207-1217.	8.0	39
137	Measurement of mercury, other trace elements and major ions in wet deposition at Jomsom: The semi-arid mountain valley of the Central Himalaya. Atmospheric Research, 2020, 234, 104691.	4.1	39
138	Characteristics of black carbon in snow from Laohugou No. 12 glacier on the northern Tibetan Plateau. Science of the Total Environment, 2017, 607-608, 1237-1249.	8.0	38
139	Revisiting the Relationship between Observed Warming and Surface Pressure in the Tibetan Plateau. Journal of Climate, 2017, 30, 1721-1737.	3.2	38
140	Re-evaluating black carbon in the Himalayas and the Tibetan Plateau: concentrations and deposition. Atmospheric Chemistry and Physics, 2017, 17, 11899-11912.	4.9	38
141	Spatio-temporal characteristics of air pollutants over Xinjiang, northwestern China. Environmental Pollution, 2021, 268, 115907.	7.5	38
142	Transport of semivolatile organic compounds to the Tibetan Plateau: Monthly resolved air concentrations at Nam Co. Journal of Geophysical Research, 2010, 115, .	3.3	37
143	Light absorption of biomass burning and vehicle emission-sourced carbonaceous aerosols of the Tibetan Plateau. Environmental Science and Pollution Research, 2017, 24, 15369-15378.	5.3	37
144	Aerosol Properties Over Tibetan Plateau From a Decade of AERONET Measurements: Baseline, Types, and Influencing Factors. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13357-13374.	3.3	37

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145	Effects of black carbon and mineral dust on glacial melting on the Muz Taw glacier, Central Asia. Science of the Total Environment, 2020, 740, 140056.	8.0	37
146	Water chemistry of the headwaters of the Yangtze River. Environmental Earth Sciences, 2015, 74, 6443-6458.	2.7	36
147	Water-Soluble Ionic Composition of Aerosols at Urban Location in the Foothills of Himalaya, Pokhara Valley, Nepal. Atmosphere, 2016, 7, 102.	2.3	36
148	Water isotopes and hydrograph separation in different glacial catchments in the southeast margin of the <scp>Tibetan Plateau</scp>. Hydrological Processes, 2017, 31, 3810-3826.	2.6	36
149	Importance of Mountain Glaciers as a Source of Dissolved Organic Carbon. Journal of Geophysical Research F: Earth Surface, 2018, 123, 2123-2134.	2.8	36
150	Wet deposition of precipitation chemistry during 2005â€“2009 at a remote site (Nam Co Station) in central Tibetan Plateau. Journal of Atmospheric Chemistry, 2012, 69, 187-200.	3.2	35
151	Mercury distribution and variation on a high-elevation mountain glacier on the northern boundary of the Tibetan Plateau. Atmospheric Environment, 2014, 96, 27-36.	4.1	35
152	Historical Records of Mercury Stable Isotopes in Sediments of Tibetan Lakes. Scientific Reports, 2016, 6, 23332.	3.3	35
153	Distribution of light-absorbing impurities in snow of glacier on Mt. Yulong, southeastern Tibetan Plateau. Atmospheric Research, 2017, 197, 474-484.	4.1	35
154	Permafrost degradation enhances the risk of mercury release on Qinghai-Tibetan Plateau. Science of the Total Environment, 2020, 708, 135127.	8.0	35
155	Light absorption properties of elemental carbon (EC) and water-soluble brown carbon (WSâ€“BrC) in the Kathmandu Valley, Nepal: A 5-year study. Environmental Pollution, 2020, 261, 114239.	7.5	35
156	Dust storm activity over the Tibetan Plateau recorded by a shallow ice core from the north slope of Mt. Qomolangma (Everest), Tibetâ€Himal region. Geophysical Research Letters, 2007, 34, .	4.0	34
157	Rare earth elements in an ice core from Mt. Everest: Seasonal variations and potential sources. Atmospheric Research, 2009, 94, 300-312.	4.1	34
158	Seasonal variations, speciation and possible sources of mercury in the snowpack of Zhadang glacier, Mt. NyainqÃªntanglha, southern Tibetan Plateau. Science of the Total Environment, 2012, 429, 223-230.	8.0	34
159	Atmospheric particulate mercury in Lhasa city, Tibetan Plateau. Atmospheric Environment, 2016, 142, 433-441.	4.1	34
160	Distribution and transportation of mercury from glacier to lake in the Qiangyong Glacier Basin, southern Tibetan Plateau, China. Journal of Environmental Sciences, 2016, 44, 213-223.	6.1	34
161	In-situ measurements of light-absorbing impurities in snow of glacier on Mt. Yulong and implications for radiative forcing estimates. Science of the Total Environment, 2017, 581-582, 848-856.	8.0	34
162	The role of melting alpine glaciers in mercury export and transport: An intensive sampling campaign in the Qugaqie Basin, inland Tibetan Plateau. Environmental Pollution, 2017, 220, 936-945.	7.5	34

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163	Fossil Fuel Combustion Emission From South Asia Influences Precipitation Dissolved Organic Carbon Reaching the Remote Tibetan Plateau: Isotopic and Molecular Evidence. Journal of Geophysical Research D: Atmospheres, 2018, 123, 6248-6258.	3.3	34
164	First results on bathymetry and limnology of high-altitude lakes in the Gokyo Valley, Sagarmatha (Everest) National Park, Nepal. Limnology, 2012, 13, 181-192.	1.5	33
165	Mercury and Selected Trace Elements from a Remote (Gosainkunda) and an Urban (Phewa) Lake Waters of Nepal. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	33
166	Chemical composition of size-segregated aerosols in Lhasa city, Tibetan Plateau. Atmospheric Research, 2016, 174-175, 142-150.	4.1	33
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