

Xiaofei Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

688
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

713
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-absorbing impurities enhance glacier albedo reduction in the southeastern Tibetan plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6915-6933.	3.3	114
2	Light-absorbing impurities accelerate glacier melt in the Central Tibetan Plateau. <i>Science of the Total Environment</i> , 2017, 587-588, 482-490.	8.0	91
3	Black carbon and mineral dust in snow cover on the Tibetan Plateau. <i>Cryosphere</i> , 2018, 12, 413-431.	3.9	89
4	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.	8.0	67
5	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.	4.1	49
6	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.	3.3	46
7	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.	3.0	41
8	Storage of dissolved organic carbon in Chinese glaciers. <i>Journal of Glaciology</i> , 2016, 62, 402-406.	2.2	25
9	Black carbon and organic carbon dataset over the Third Pole. <i>Earth System Science Data</i> , 2022, 14, 683-707.	9.9	25
10	Vapor isotopic evidence for the worsening of winter air quality by anthropogenic combustion-derived water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33005-33010.	7.1	24
11	Light-absorbing impurities in snow cover across Northern Xinjiang, China. <i>Journal of Glaciology</i> , 2019, 65, 940-956.	2.2	15
12	Black carbon and dust in the Third Pole glaciers: Revaluated concentrations, mass absorption cross-sections and contributions to glacier ablation. <i>Science of the Total Environment</i> , 2021, 789, 147746.	8.0	14
13	Chromophoric dissolved organic carbon cycle and its molecular compositions and optical properties in precipitation in the Guanzhong basin, China. <i>Science of the Total Environment</i> , 2022, 814, 152775.	8.0	14
14	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.	2.2	13
15	Recycled moisture in an enclosed basin, Guanzhong Basin of Northern China, in the summer: Contribution to precipitation based on a stable isotope approach. <i>Environmental Science and Pollution Research</i> , 2020, 27, 27926-27936.	5.3	12
16	Chemical Records in Snowpits from High Altitude Glaciers in the Tibetan Plateau and Its Surroundings. <i>PLoS ONE</i> , 2016, 11, e0155232.	2.5	11
17	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.	6.1	11
18	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.	7.5	10

#	ARTICLE	IF	CITATIONS
19	Molecular compositions, optical properties, and implications of dissolved brown carbon in snow/ice on the Tibetan Plateau glaciers. <i>Environment International</i> , 2022, 164, 107276.	10.0	10
20	Photobleaching reduces the contribution of dissolved organic carbon to glacier melting in the Himalayas and the Tibetan Plateau. <i>Science of the Total Environment</i> , 2021, 797, 149178.	8.0	5
21	Reply to Hopke and Dai: The correlation between PM2.5 and combustion-derived water is unlikely driven by local residential coal combustion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2102877118.	7.1	1
22	Analysis of High Frequency Characteristics of Sheet Beam Rectangular Waveguide Grating Operating in High-Order Mode. , 2019, , .		0