Wusheng Yu

List of Publications by Year
in descending order

44 papers	4,381 citations	201674 27 h-index	265206 42 g-index
45 all docs	45 docs citations	45 times ranked	3539 citing authors

#	Article	IF	Citations
1	Do ²H and ¹⁸O in leaf water reflect environmental drivers differently?. New Phytologist, 2022, 235, 41-51.	7.3	29
2	How do precipitation events modify the stable isotope ratios in leaf water at Lhasa on the southern Tibetan Plateau?. Isotopes in Environmental and Health Studies, 2022, 58, 229-246.	1.0	0
3	Temperature signals of ice core and speleothem isotopic records from Asian monsoon region as indicated by precipitation Î´18O. Earth and Planetary Science Letters, 2021, 554, 116665.	4.4	31
4	Interannual Variation in Stable Isotopes in Water Vapor Over the Northern Tibetan Plateau Linked to ENSO. Geophysical Research Letters, 2021, 48, e2021GL092708.	4.0	0
5	Coupled Effects of Moisture Transport Pathway and Convection on Stable Isotopes in Precipitation across the East Asian Monsoon Region: Implications for Paleoclimate Reconstruction. Journal of Climate, 2021, , 1-41.	3.2	2
6	Control of seasonal water vapor isotope variations at Lhasa, southern Tibetan Plateau. Journal of Hydrology, 2020, 580, 124237.	5.4	40
7	Temperature signals in tree-ring oxygen isotope series from the northern slope of the Himalaya. Earth and Planetary Science Letters, 2019, 506, 455-465.	4.4	30
8	Energy and mass balance characteristics of the Guliya ice cap in the West Kunlun Mountains, Tibetan Plateau. Cold Regions Science and Technology, 2019, 159, 71-85.	3.5	16
9	Glacier anomalies and relevant disaster risks on the Tibetan Plateau and surroundings. Chinese Science Bulletin, 2019, 64, 2770-2782.	0.7	44
10	Glacier Energy and Mass Balance in the Inland Tibetan Plateau: Seasonal and Interannual Variability in Relation to Atmospheric Changes. Journal of Geophysical Research D: Atmospheres, 2018, 123, 6390-6409.	3.3	40
11	Controls of precipitation Î´18O on the northwestern Tibetan Plateau: A case study at Ngari station. Atmospheric Research, 2017, 189, 141-151.	4.1	41
12	River recharge sources and the partitioning of catchment evapotranspiration fluxes as revealed by stable isotope signals in a typical high-elevation arid catchment. Journal of Hydrology, 2017, 549, 616-630.	5.4	29
13	Precipitation stable isotope records from the northern Hengduan Mountains in China capture signals of the winter Indiaâ€“Burma Trough and the Indian Summer Monsoon. Earth and Planetary Science Letters, 2017, 477, 123-133.	4.4	27
14	Stable isotope variations in precipitation over Deqin on the southeastern margin of the Tibetan Plateau during different seasons related to various meteorological factors and moisture sources. Atmospheric Research, 2016, 170, 123-130.	4.1	47
15	Î´18O records in water vapor and an ice core from the eastern Pamir Plateau: Implications for paleoclimate reconstructions. Earth and Planetary Science Letters, 2016, 456, 146-156.	4.4	28
16	Melt season hydrological characteristics of the Parlung No. 4 Glacier, in Gangrigabu Mountains, southâ€east Tibetan Plateau. Hydrological Processes, 2016, 30, 1171-1191.	2.6	12
17	Short-term variability in the dates of the Indian monsoon onset and retreat on the southern and northern slopes of the central Himalayas as determined by precipitation stable isotopes. Climate Dynamics, 2016, 47, 159-172.	3.8	43
18	Stable isotopic compositions of precipitation events from Kathmandu, southern slope of the Himalayas. Science Bulletin, 2014, 59, 4838-4846.	1.7	8

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19	Influences of relative humidity and Indian monsoon precipitation on leaf water stable isotopes from the southeastern Tibetan Plateau. Geophysical Research Letters, 2014, 41, 7746-7753.	4.0	21
20	Stable oxygen isotope differences between the areas to the north and south of Qinling Mountains in China reveal different moisture sources. International Journal of Climatology, 2014, 34, 1760-1772.	3.5	42
21	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) Tj ETQq1 1 0.784314 rgBT /Overlock	4.3	4
22	A review of climatic controls on Î´¹⁸O in precipitation over the Tibetan Plateau: Observations and simulations. Reviews of Geophysics, 2013, 51, 525-548.	23.0	654
23	Different glacier status with atmospheric circulations in Tibetan Plateau and surroundings. Nature Climate Change, 2012, 2, 663-667.	18.8	1,979
24	Co-existence of temperature and amount effects on precipitation<i>Î´</i>¹⁸O in the Asian monsoon region. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	25
25	Microbial diversity in the snow, a moraine lake and a stream in Himalayan glacier. Extremophiles, 2011, 15, 411-421.	2.3	44
26	Tibetan Plateau. Encyclopedia of Earth Sciences Series, 2011, , 1172-1175.	0.1	3
27	Isotope Analysis. Encyclopedia of Earth Sciences Series, 2011, , 657-665.	0.1	0
28	Characterization of precipitation Î´ 18O variation in Nagqu, central Tibetan Plateau and its climatic controls. Theoretical and Applied Climatology, 2010, 99, 95-104.	2.8	23
29	Glacial distribution and mass balance in the Yarlung Zangbo River and its influence on lakes. Science Bulletin, 2010, 55, 2072-2078.	1.7	140
30	Climatic significance of Î´18O records from precipitation on the western Tibetan Plateau. Science Bulletin, 2009, 54, 2732-2741.	9.0	23
31	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
32	Seasonal deuterium excess in Nagqu precipitation: influence of moisture transport and recycling in the middle of Tibetan Plateau. Environmental Geology, 2008, 55, 1501-1506.	1.2	90
33	Temporal variations of Î´ 18O of atmospheric water vapor at Delingha. Science in China Series D: Earth Sciences, 2008, 51, 966-975.	0.9	22
34	Seasonal variations of stable isotope in precipitation and moisture transport at Yushu, eastern Tibetan Plateau. Science in China Series D: Earth Sciences, 2008, 51, 1121-1128.	0.9	43
35	Isotopic variation in the lake water balance at the Yamdrukâ€tso basin, southern Tibetan Plateau. Hydrological Processes, 2008, 22, 3386-3392.	2.6	43
36	Relationships between Î´18O in precipitation and air temperature and moisture origin on a southâ€"north transect of the Tibetan Plateau. Atmospheric Research, 2008, 87, 158-169.	4.1	96

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37	Temperature variations over the past millennium on the Tibetan Plateau revealed by four ice cores. Annals of Glaciology, 2007, 46, 362-366.	1.4	30
38	Stable Isotope Variations in Precipitation and Moisture Trajectories on the Western Tibetan Plateau, China. Arctic, Antarctic, and Alpine Research, 2007, 39, 688-693.	1.1	50
39	Recent Glacial Retreat and Its Impact on Hydrological Processes on the Tibetan Plateau, China, and Surrounding Regions. Arctic, Antarctic, and Alpine Research, 2007, 39, 642-650.	1.1	373
40	Temporal and spatial variations of Î´18O in precipitation of the Yarlung Zangbo River Basin. Journal of Chinese Geography, 2007, 17, 317-326.	3.9	23
41	Oxygen-18 isotopes in precipitation on the eastern Tibetan Plateau. Annals of Glaciology, 2006, 43, 263-268.	1.4	20
42	Relationships between Î´ 18O in summer precipitation and temperature and moisture trajectories at Muztagata, western China. Science in China Series D: Earth Sciences, 2006, 49, 27-35.	0.9	35
43	Vertical quantitative and dominant population distribution of the bacteria isolated from the Muztagata ice core. Science in China Series D: Earth Sciences, 2005, 48, 1728-1739.	0.9	12
44	Isotopic composition of atmospheric water vapor before and after the monsoonâ€™s end in the Nagqu River Basin. Science Bulletin, 2005, 50, 2755.	1.7	29