

# Wusheng Yu

## List of Publications by Year in descending order

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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	Different glacier status with atmospheric circulations in Tibetan Plateau and surroundings. <i>Nature Climate Change</i> , 2012, 2, 663-667.	18.8	1,979
2	A review of climatic controls on $\delta^{18}O$ in precipitation over the Tibetan Plateau: Observations and simulations. <i>Reviews of Geophysics</i> , 2013, 51, 525-548.	23.0	654
3	Recent Glacial Retreat and Its Impact on Hydrological Processes on the Tibetan Plateau, China, and Surrounding Regions. <i>Arctic, Antarctic, and Alpine Research</i> , 2007, 39, 642-650.	1.1	373
4	Glacial distribution and mass balance in the Yarlung Zangbo River and its influence on lakes. <i>Science Bulletin</i> , 2010, 55, 2072-2078.	1.7	140
5	Relationships between $\delta^{18}O$ in precipitation and air temperature and moisture origin on a south-north transect of the Tibetan Plateau. <i>Atmospheric Research</i> , 2008, 87, 158-169.	4.1	96
6	Seasonal deuterium excess in Nagqu precipitation: influence of moisture transport and recycling in the middle of Tibetan Plateau. <i>Environmental Geology</i> , 2008, 55, 1501-1506.	1.2	90
7	Early onset of rainy season suppresses glacier melt: a case study on Zhadang glacier, Tibetan Plateau. <i>Journal of Glaciology</i> , 2009, 55, 755-758.	2.2	53
8	Stable Isotope Variations in Precipitation and Moisture Trajectories on the Western Tibetan Plateau, China. <i>Arctic, Antarctic, and Alpine Research</i> , 2007, 39, 688-693.	1.1	50
9	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. <i>Atmospheric Research</i> , 2016, 170, 123-130.	4.1	47
10	Microbial diversity in the snow, a moraine lake and a stream in Himalayan glacier. <i>Extremophiles</i> , 2011, 15, 411-421.	2.3	44
11	Glacier anomalies and relevant disaster risks on the Tibetan Plateau and surroundings. <i>Chinese Science Bulletin</i> , 2019, 64, 2770-2782.	0.7	44
12	Seasonal variations of stable isotope in precipitation and moisture transport at Yushu, eastern Tibetan Plateau. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1121-1128.	0.9	43
13	Isotopic variation in the lake water balance at the Yamdruk-tso basin, southern Tibetan Plateau. <i>Hydrological Processes</i> , 2008, 22, 3386-3392.	2.6	43
14	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. <i>Climate Dynamics</i> , 2016, 47, 159-172.	3.8	43
15	Stable oxygen isotope differences between the areas to the north and south of Qinling Mountains in China reveal different moisture sources. <i>International Journal of Climatology</i> , 2014, 34, 1760-1772.	3.5	42
16	Controls of precipitation $\delta^{18}O$ on the northwestern Tibetan Plateau: A case study at Ngari station. <i>Atmospheric Research</i> , 2017, 189, 141-151.	4.1	41
17	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). <i>Tj ETQq1 1 0.784314 rgBTj0verlock</i>	4.1	41
18	Glacier Energy and Mass Balance in the Inland Tibetan Plateau: Seasonal and Interannual Variability in Relation to Atmospheric Changes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6390-6409.	3.3	40

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19	Control of seasonal water vapor isotope variations at Lhasa, southern Tibetan Plateau. <i>Journal of Hydrology</i> , 2020, 580, 124237.	5.4	40
20	Relationships between $\delta^{18}\text{O}$ in summer precipitation and temperature and moisture trajectories at Muztagata, western China. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 27-35.	0.9	35
21	Temperature signals of ice core and speleothem isotopic records from Asian monsoon region as indicated by precipitation $\delta^{18}\text{O}$ . <i>Earth and Planetary Science Letters</i> , 2021, 554, 116665.	4.4	31
22	Temperature variations over the past millennium on the Tibetan Plateau revealed by four ice cores. <i>Annals of Glaciology</i> , 2007, 46, 362-366.	1.4	30
23	Temperature signals in tree-ring oxygen isotope series from the northern slope of the Himalaya. <i>Earth and Planetary Science Letters</i> , 2019, 506, 455-465.	4.4	30
24	Isotopic composition of atmospheric water vapor before and after the monsoon's end in the Nagqu River Basin. <i>Science Bulletin</i> , 2005, 50, 2755.	1.7	29
25	River recharge sources and the partitioning of catchment evapotranspiration fluxes as revealed by stable isotope signals in a typical high-elevation arid catchment. <i>Journal of Hydrology</i> , 2017, 549, 616-630.	5.4	29
26	Do $\delta^2\text{H}$ and $\delta^{18}\text{O}$ in leaf water reflect environmental drivers differently?. <i>New Phytologist</i> , 2022, 235, 41-51.	7.3	29
27	$\delta^{18}\text{O}$ records in water vapor and an ice core from the eastern Pamir Plateau: Implications for paleoclimate reconstructions. <i>Earth and Planetary Science Letters</i> , 2016, 456, 146-156.	4.4	28
28	Precipitation stable isotope records from the northern Hengduan Mountains in China capture signals of the winter India-Burma Trough and the Indian Summer Monsoon. <i>Earth and Planetary Science Letters</i> , 2017, 477, 123-133.	4.4	27
29	Co-existence of temperature and amount effects on precipitation $\delta^{18}\text{O}$ in the Asian monsoon region. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	25
30	Temporal and spatial variations of $\delta^{18}\text{O}$ in precipitation of the Yarlung Zangbo River Basin. <i>Journal of Chinese Geography</i> , 2007, 17, 317-326.	3.9	23
31	Climatic significance of $\delta^{18}\text{O}$ records from precipitation on the western Tibetan Plateau. <i>Science Bulletin</i> , 2009, 54, 2732-2741.	9.0	23
32	Characterization of precipitation $\delta^{18}\text{O}$ variation in Nagqu, central Tibetan Plateau and its climatic controls. <i>Theoretical and Applied Climatology</i> , 2010, 99, 95-104.	2.8	23
33	Temporal variations of $\delta^{18}\text{O}$ of atmospheric water vapor at Delingha. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 966-975.	0.9	22
34	Influences of relative humidity and Indian monsoon precipitation on leaf water stable isotopes from the southeastern Tibetan Plateau. <i>Geophysical Research Letters</i> , 2014, 41, 7746-7753.	4.0	21
35	Oxygen-18 isotopes in precipitation on the eastern Tibetan Plateau. <i>Annals of Glaciology</i> , 2006, 43, 263-268.	1.4	20
36	Energy and mass balance characteristics of the Guliya ice cap in the West Kunlun Mountains, Tibetan Plateau. <i>Cold Regions Science and Technology</i> , 2019, 159, 71-85.	3.5	16

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37	Vertical quantitative and dominant population distribution of the bacteria isolated from the Muztagata ice core. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 1728-1739.	0.9	12
38	Melt season hydrological characteristics of the Parlung No. 4 Glacier, in Gangrigabu Mountains, south-east Tibetan Plateau. <i>Hydrological Processes</i> , 2016, 30, 1171-1191.	2.6	12
39	Stable isotopic compositions of precipitation events from Kathmandu, southern slope of the Himalayas. <i>Science Bulletin</i> , 2014, 59, 4838-4846.	1.7	8
40	Tibetan Plateau. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1172-1175.	0.1	3
41	Coupled Effects of Moisture Transport Pathway and Convection on Stable Isotopes in Precipitation across the East Asian Monsoon Region: Implications for Paleoclimate Reconstruction. <i>Journal of Climate</i> , 2021, , 1-41.	3.2	2
42	Interannual Variation in Stable Isotopes in Water Vapor Over the Northern Tibetan Plateau Linked to ENSO. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092708.	4.0	0
43	Isotope Analysis. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 657-665.	0.1	0
44	How do precipitation events modify the stable isotope ratios in leaf water at Lhasa on the southern Tibetan Plateau?. <i>Isotopes in Environmental and Health Studies</i> , 2022, 58, 229-246.	1.0	0