Yang Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

50 papers	3,538 citations	159358 30 h-index	197535 49 g-index
52 all docs	52 docs citations	52 times ranked	3448 citing authors

#	Article	IF	Citations
1	Expansion of C4 ecosystems as an indicator of global ecological change in the late Miocene. Nature, 1993, 361, 344-345.	13.7	628
2	A model of fossil tooth and bone diagenesis: implications for paleodiet reconstruction from stable isotopes. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 107, 281-289.	1.0	323
3	Radiocarbon Dating of Soil Organic Matter. Quaternary Research, 1996, 45, 282-288.	1.0	226
4	Fossil horses and carbon isotopes: new evidence for Cenozoic dietary, habitat, and ecosystem changes in North America. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 107, 269-279.	1.0	169
5	Out of Tibet: Pliocene Woolly Rhino Suggests High-Plateau Origin of Ice Age Megaherbivores. Science, 2011, 333, 1285-1288.	6.0	164
6	Vertebrate paleontology, biostratigraphy, geochronology, and paleoenvironment of Qaidam Basin in northern Tibetan Plateau. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 254, 363-385.	1.0	139
7	Dynamics of carbon sequestration in a coastal wetland using radiocarbon measurements. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	1.9	123
8	A 25 m.y. isotopic record of paleodiet and environmental change from fossil mammals and paleosols from the NE margin of the Tibetan Plateau. Earth and Planetary Science Letters, 2005, 236, 322-338.	1.8	118
9	Ancient diets indicate significant uplift of southern Tibet after ca. 7 Ma. Geology, 2006, 34, 309.	2.0	103
10	South American fossil mammals and carbon isotopes: a 25 million-year sequence from the Bolivian Andes. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 107, 257-268.	1.0	98
11	Uncertainties and novel prospects in the study of the soil carbon dynamics. Chemosphere, 2002, 49, 791-804.	4.2	95
12	Vegetation succession and carbon sequestration in a coastal wetland in northwest Florida: Evidence from carbon isotopes. Global Biogeochemical Cycles, 2001, 15, 311-319.	1.9	92
13	The impact of land use change on C turnover in soils. Global Biogeochemical Cycles, 1999, 13, 47-57.	1.9	83
14	Review: Implications of vertebrate fossils for paleo-elevations of the Tibetan Plateau. Global and Planetary Change, 2019, 174, 58-69.	1.6	77
15	Stable isotopic variations in modern herbivore tooth enamel, plants and water on the Tibetan Plateau: Implications for paleoclimate and paleoelevation reconstructions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 260, 359-374.	1.0	76
16	Stable isotopes in fossil mammals, fish and shells from Kunlun Pass Basin, Tibetan Plateau: Paleo-climatic and paleo-elevation implications. Earth and Planetary Science Letters, 2008, 270, 73-85.	1.8	72
17	Seasonal and altitudinal variation in decomposition of soil organic matter inferred from radiocarbon measurements of soil CO2flux. Global Biogeochemical Cycles, 2000, 14, 199-211.	1.9	66
18	Paleoecologies and paleoclimates of late cenozoic mammals from Southwest China: Evidence from stable carbon and oxygen isotopes. Journal of Asian Earth Sciences, 2012, 44, 48-61.	1.0	58

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19	C4 expansion in the central Inner Mongolia during the latest Miocene and early Pliocene. Earth and Planetary Science Letters, 2009, 287, 311-319.	1.8	57
20	Cenozoic vertebrate evolution and paleoenvironment in Tibetan Plateau: Progress and prospects. Gondwana Research, 2015, 27, 1335-1354.	3.0	54
21	Distribution and turnover of carbon in natural and constructed wetlands in the Florida Everglades. Applied Geochemistry, 2007, 22, 1936-1948.	1.4	51
22	Locomotive implication of a Pliocene three-toed horse skeleton from Tibet and its paleo-altimetry significance. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7374-7378.	3.3	51
23	Diets and environments of late Cenozoic mammals in the Qaidam Basin, Tibetan Plateau: Evidence from stable isotopes. Earth and Planetary Science Letters, 2012, 333-334, 70-82.	1.8	50
24	Mio-Pleistocene Zanda Basin biostratigraphy and geochronology, pre-Ice Age fauna, and mammalian evolution in western Himalaya. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 374, 81-95.	1.0	47
25	Stable isotope ratios of soil carbonate and soil organic matter as indicators of forest invasion of prairie near Ames, Iowa. Oecologia, 1993, 95, 365-369.	0.9	46
26	Reconstruction of paleostorms and paleoenvironment using geochemical proxies archived in the sediments of two coastal lakes in northwest Florida. Quaternary Science Reviews, 2013, 68, 142-153.	1.4	45
27	Diet and environment of a mid-Pliocene fauna from southwestern Himalaya: Paleo-elevation implications. Earth and Planetary Science Letters, 2013, 376, 43-53.	1.8	40
28	Paleosol nodules as Pleistocene paleoclimatic indicators, Luochuan, P.R. China. Palaeogeography, Palaeoclimatology, Palaeoecology, 1989, 76, 39-44.	1.0	39
29	Potential for14C Dating of Biogenic Carbonate in Hackberry (Celtis) Endocarps. Quaternary Research, 1997, 47, 337-343.	1.0	34
30	Title is missing!. Biogeochemistry, 2002, 61, 269-289.	1.7	32
31	Strengthening of the East Asian summer monsoon revealed by a shift in seasonal patterns in diet and climate after 2â€“3Ma in northwest China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 297, 12-25.	1.0	30
32	Origin of water in the Badain Jaran Desert, China: new insight from isotopes. Hydrology and Earth System Sciences, 2017, 21, 4419-4431.	1.9	30
33	Late Neogene environmental changes in the central Himalaya related to tectonic uplift and orbital forcing. Journal of Asian Earth Sciences, 2012, 44, 62-76.	1.0	29
34	Carbon and oxygen isotopic evidence for diets, environments and niche differentiation of early Pleistocene pandas and associated mammals in South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 468, 351-361.	1.0	29
35	Isotopic niche overlap of two planktivorous fish in southern China. Limnology, 2011, 12, 151-155.	0.8	19
36	A multi-proxy record of environmental changes during the Holocene from the Haolaihure Paleolake sediments, Inner Mongolia. Quaternary International, 2018, 479, 148-159.	0.7	19

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37	Sexual selection promotes giraffoid head-neck evolution and ecological adaptation. Science, 2022, 376, .	6.0	19
38	Isotopic evidence for anthropogenic impacts on aquatic food web dynamics and mercury cycling in a subtropical wetland ecosystem in the US. Science of the Total Environment, 2014, 487, 557-564.	3.9	16
39	Paleoecology of Pleistocene mammals and paleoclimatic change in South China: Evidence from stable carbon and oxygen isotopes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 524, 1-12.	1.0	15
40	Stable carbon and oxygen isotopic evidence for Late Cenozoic environmental change in Northern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 440, 750-762.	1.0	13
41	Oxygen isotopic variations in modern cetacean teeth and bones: implications for ecological, paleoecological, and paleoclimatic studies. Science Bulletin, 2016, 61, 92-104.	4.3	12
42	Growth pattern and oxygen isotopic systematics of modern freshwater mollusks along an elevation transect: Implications for paleoclimate reconstruction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 532, 109243.	1.0	11
43	Pieces of the puzzle: Lack of significant C4 in the late Miocene of southern California. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 475, 70-79.	1.0	9
44	Clumped isotope thermometry of modern and fossil snail shells from the Himalayan-Tibetan Plateau: Implications for paleoclimate and paleoelevation reconstructions. Bulletin of the Geological Society of America, 2021, 133, 1370-1380.	1.6	7
45	Paleoenvironment of the late Miocene Shuitangba hominoids from Yunnan, Southwest China: Insights from stable isotopes. Chemical Geology, 2021, 569, 120123.	1.4	7
46	Dietary adaptations and palaeoecology of Lophialetidae (Mammalia, Tapiroidea) from the Eocene of the Erlian Basin, China: combined evidence from mesowear and stable isotope analyses. Palaeontology, 2020, 63, 547-564.	1.0	5
47	Implications of radiocarbon ages of organic and inorganic carbon in coastal lakes in Florida for establishing a reliable chronology for sediment-based paleoclimate reconstruction. Quaternary Research, 2019, 91, 638-649.	1.0	4
48	Using Î´18 O and Î´2 H to Detect Hydraulic Connection Between a Sinkhole Lake and a Firstâ€Magnitude Spring. Ground Water, 2021, 59, 856-865.	0.7	4
49	Evaluating organic geochemical proxies for application to coastal lake sediments along the Gulf Coast of Florida for paleotempestology. Quaternary Science Reviews, 2021, 266, 107077.	1.4	4
50	Isotopic evidence for mammalian diets and environment in Early Pliocene YepÃ³mera, Mexico. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 578, 110569.	1.0	0