

# Guanghui Dong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1339556/publications.pdf>

Version: 2024-02-01

90  
papers

3,965  
citations

159585

30  
h-index

133252

59  
g-index

95  
all docs

95  
docs citations

95  
times ranked

2483  
citing authors

#	ARTICLE	IF	CITATIONS
1	East Asian summer monsoon precipitation variability since the last deglaciation. <i>Scientific Reports</i> , 2015, 5, 11186.	3.3	534
2	Agriculture facilitated permanent human occupation of the Tibetan Plateau after 3600 B.P.. <i>Science</i> , 2015, 347, 248-250.	12.6	474
3	A late Middle Pleistocene Denisovan mandible from the Tibetan Plateau. <i>Nature</i> , 2019, 569, 409-412.	27.8	302
4	Ancient genomes from northern China suggest links between subsistence changes and human migration. <i>Nature Communications</i> , 2020, 11, 2700.	12.8	133
5	Exploring the history of cultural exchange in prehistoric Eurasia from the perspectives of crop diffusion and consumption. <i>Science China Earth Sciences</i> , 2017, 60, 1110-1123.	5.2	105
6	Spatial and temporal variety of prehistoric human settlement and its influencing factors in the upper Yellow River valley, Qinghai Province, China. <i>Journal of Archaeological Science</i> , 2013, 40, 2538-2546.	2.4	101
7	Dietary shift after 3600 BP and its influencing factors in northwestern China: Evidence from stable isotopes. <i>Quaternary Science Reviews</i> , 2016, 145, 57-70.	3.0	100
8	The development of agriculture and its impact on cultural expansion during the late Neolithic in the Western Loess Plateau, China. <i>Holocene</i> , 2013, 23, 85-92.	1.7	99
9	Asian dust-storm activity dominated by Chinese dynasty changes since 2000 BP. <i>Nature Communications</i> , 2020, 11, 992.	12.8	95
10	Mid-Holocene climate change and its effect on prehistoric cultural evolution in eastern Qinghai Province, China. <i>Quaternary Research</i> , 2012, 77, 23-30.	1.7	84
11	Evolution of human-environmental interactions in China from the Late Paleolithic to the Bronze Age. <i>Progress in Physical Geography</i> , 2020, 44, 233-250.	3.2	84
12	Long-term decrease in Asian monsoon rainfall and abrupt climate change events over the past 6,700 years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	81
13	On the timing of the East Asian summer monsoon maximum during the Holocene-Does the speleothem oxygen isotope record reflect monsoon rainfall variability?. <i>Science China Earth Sciences</i> , 2016, 59, 2328-2338.	5.2	76
14	Journey to the east: Diverse routes and variable flowering times for wheat and barley en route to prehistoric China. <i>PLoS ONE</i> , 2017, 12, e0187405.	2.5	70
15	The genomic origins of the Bronze Age Tarim Basin mummies. <i>Nature</i> , 2021, 599, 256-261.	27.8	65
16	Chronology and subsistence strategy of Nuomuhong Culture in the Tibetan Plateau. <i>Quaternary International</i> , 2016, 426, 42-49.	1.5	61
17	Prehistoric trans-continental cultural exchange in the Hexi Corridor, northwest China. <i>Holocene</i> , 2018, 28, 621-628.	1.7	60
18	The spatiotemporal pattern of the Majiayao cultural evolution and its relation to climate change and variety of subsistence strategy during late Neolithic period in Gansu and Qinghai Provinces, northwest China. <i>Quaternary International</i> , 2013, 316, 155-161.	1.5	59

#	ARTICLE	IF	CITATIONS
19	History and possible mechanisms of prehistoric human migration to the Tibetan Plateau. <i>Science China Earth Sciences</i> , 2016, 59, 1765-1778.	5.2	59
20	Major advances in studies of the physical geography and living environment of China during the past 70 years and future prospects. <i>Science China Earth Sciences</i> , 2019, 62, 1665-1701.	5.2	58
21	Environmental and technological effects on ancient social evolution at different spatial scales. <i>Science China Earth Sciences</i> , 2017, 60, 2067-2077.	5.2	54
22	Megadrought and cultural exchange along the proto-silk road. <i>Science Bulletin</i> , 2021, 66, 603-611.	9.0	52
23	Agricultural intensification and its impact on environment during Neolithic Age in northern China. <i>Chinese Science Bulletin</i> , 2016, 61, 2913-2925.	0.7	48
24	Evolution of prehistoric agriculture in central Gansu Province, China: A case study in Qin'an and Li County. <i>Science Bulletin</i> , 2010, 55, 1925-1930.	1.7	47
25	Economic Change in the Prehistoric Hexi Corridor (4800-2200 BC), Northwest China. <i>Archaeometry</i> , 2019, 61, 957-976.	1.3	46
26	High-resolution climate change in mid-late Holocene on Tianchi Lake, Liupan Mountain in the Loess Plateau in central China and its significance. <i>Science Bulletin</i> , 2010, 55, 2118-2121.	1.7	44
27	Copper smelting and sediment pollution in Bronze Age China: A case study in the Hexi corridor, Northwest China. <i>Catena</i> , 2017, 156, 92-101.	5.0	40
28	Foraging and farming: archaeobotanical and zooarchaeological evidence for Neolithic exchange on the Tibetan Plateau. <i>Antiquity</i> , 2020, 94, 637-652.	1.0	38
29	Stable Isotope Analysis of Human and Faunal Remains in the Western Loess Plateau, Approximately 2000 cal BC. <i>Archaeometry</i> , 2014, 56, 237-255.	1.3	35
30	Copper content in anthropogenic sediments as a tracer for detecting smelting activities and its impact on environment during prehistoric period in Hexi Corridor, Northwest China. <i>Holocene</i> , 2017, 27, 282-291.	1.7	33
31	Prehistoric agriculture development in the Yunnan-Guizhou Plateau, southwest China: Archaeobotanical evidence. <i>Science China Earth Sciences</i> , 2016, 59, 1562-1573.	5.2	32
32	A review on the spread of prehistoric agriculture from southern China to mainland Southeast Asia. <i>Science China Earth Sciences</i> , 2020, 63, 615-625.	5.2	31
33	Ancient landslide-dam events in the Jishi Gorge, upper Yellow River valley, China. <i>Quaternary Research</i> , 2014, 81, 445-451.	1.7	28
34	Ancient genomes reveal tropical bovid species in the Tibetan Plateau contributed to the prevalence of hunting game until the late Neolithic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28150-28159.	7.1	28
35	Dispersal of crop-livestock and geographical-temporal variation of subsistence along the Steppe and Silk Roads across Eurasia in prehistory. <i>Science China Earth Sciences</i> , 2022, 65, 1187-1210.	5.2	27
36	Stable Isotope Analysis of Human and Animal Remains at the Qijiaping Site in Middle Gansu, China. <i>International Journal of Osteoarchaeology</i> , 2015, 25, 923-934.	1.2	26

#	ARTICLE	IF	CITATIONS
37	Refined chronology of prehistoric cultures and its implication for re-evaluating human-environment relations in the Hexi Corridor, northwest China. <i>Science China Earth Sciences</i> , 2019, 62, 1578-1590.	5.2	25
38	Human settlement and its influencing factors during the historical period in an oasis-desert transition zone of Dunhuang, Hexi Corridor, northwest China. <i>Quaternary International</i> , 2017, 458, 113-122.	1.5	24
39	Earlyâ€‘middle Holocene ecological change and its influence on human subsistence strategies in the Luoyang Basin, north-central China. <i>Quaternary Research</i> , 2018, 89, 446-458.	1.7	24
40	The impact of early trans-Eurasian exchange on animal utilization in northern China during 5000â€‘2500 BP. <i>Holocene</i> , 2021, 31, 294-301.	1.7	24
41	Intensification and Driving Forces of Pastoralism in Northern China 5.7 ka Ago. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092288.	4.0	24
42	Archaeological records of Dadiwan in the past 60 ka and the origin of millet agriculture. <i>Science Bulletin</i> , 2010, 55, 1636-1642.	1.7	23
43	Reliability of radiocarbon dating on various fractions of loess-soil sequence for Dadiwan section in the western Chinese Loess Plateau. <i>Frontiers of Earth Science</i> , 2014, 8, 540-546.	2.1	22
44	Understanding past human-environment interaction from an interdisciplinary perspective. <i>Science Bulletin</i> , 2018, 63, 1023-1024.	9.0	22
45	Diet reconstructed from an analysis of plant microfossils in human dental calculus from the Bronze Age site of Shilinggang, southwestern China. <i>Journal of Archaeological Science</i> , 2017, 83, 41-48.	2.4	21
46	Human settlement and humanâ€‘environment interactions during the historical period in Zhuanglang County, western Loess Plateau, China. <i>Quaternary International</i> , 2012, 281, 78-83.	1.5	19
47	Process of paleofloods in Guanting basin, Qinghai Province, China and possible relation to monsoon strength during the mid-Holocene. <i>Quaternary International</i> , 2014, 321, 88-96.	1.5	19
48	Ancient DNA Evidence from China Reveals the Expansion of Pacific Dogs. <i>Molecular Biology and Evolution</i> , 2020, 37, 1462-1469.	8.9	18
49	Vegetation History and Precipitation Changes in the NE Qinghaiâ€‘Tibet Plateau: A 7,900â€‘years Pollen Record From Caodalian Lake. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004126.	2.9	18
50	Ancient mitogenomes show plateau populations from last 5200 years partially contributed to present-day Tibetans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192968.	2.6	17
51	The transformation of cropping patterns from Late Neolithic to Early Iron Age (5900â€‘2100 BP) in the Gansuâ€‘Qinghai region of northwest China. <i>Holocene</i> , 2021, 31, 183-193.	1.7	17
52	How Did Human Activity and Climate Change Influence Animal Exploitation During 7500â€‘2000 BP in the Yellow River Valley, China?. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	15
53	Climate-driven desertification and its implications for the ancient Silk Road trade. <i>Climate of the Past</i> , 2021, 17, 1395-1407.	3.4	15
54	Precipitation in surrounding mountains instead of lowlands facilitated the prosperity of ancient civilizations in the eastern Qaidam Basin of the Tibetan Plateau. <i>Catena</i> , 2021, 203, 105318.	5.0	15

#	ARTICLE	IF	CITATIONS
55	Human paleodiet and animal utilization strategies during the Bronze Age in northwest Yunnan Province, southwest China. <i>PLoS ONE</i> , 2017, 12, e0177867.	2.5	15
56	Comment on "Permanent human occupation of the central Tibetan Plateau in the early Holocene". <i>Science</i> , 2017, 357, .	12.6	14
57	Meltwater-Driven Water Level Fluctuations of Bosten Lake in Arid China Over the Past 2,000 Years. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090988.	4.0	14
58	Early ceramic trade in Gansu and Qinghai regions, northwest China: A comparative elemental analysis on sherds of Majiayao culture, Yangshao culture and Qijia culture. <i>Journal of Archaeological Science: Reports</i> , 2015, 3, 65-72.	0.5	13
59	Spatiotemporal variation of agricultural patterns in different geomorphologic and climatic environments in the eastern Loess Plateau, north-central China during the late Neolithic and Bronze Ages. <i>Science China Earth Sciences</i> , 2022, 65, 934-948.	5.2	13
60	Response of geochemical records in lacustrine sediments to climate change and human impact during middle Holocene in Mengjin, Henan Province, China. <i>Frontiers of Earth Science</i> , 2009, 3, 279-285.	0.5	12
61	Human settlement and wood utilization along the mainstream of Heihe River basin, northwest China in historical period. <i>Quaternary International</i> , 2019, 516, 141-148.	1.5	12
62	Early emergence and development of pastoralism in Gan-Qing region from the perspective of isotopes. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	1.8	12
63	Exceptional terrestrial warmth around 4200-2800 years ago in Northwest China. <i>Science Bulletin</i> , 2022, 67, 427-436.	9.0	12
64	A new story for wheat into China. <i>Nature Plants</i> , 2018, 4, 243-244.	9.3	11
65	Direct dating of the earliest domesticated cattle and caprines in northwestern China reveals the history of pastoralism in the Gansu-Qinghai region. <i>Journal of Archaeological Science</i> , 2022, 144, 105627.	2.4	11
66	Response to Comment on "Agriculture facilitated permanent human occupation of the Tibetan Plateau after 3600 B.P.". <i>Science</i> , 2015, 348, 872-872.	12.6	10
67	The wind that shakes the barley: the role of East Asian cuisines on barley grain size. <i>World Archaeology</i> , 2021, 53, 287-304.	1.1	10
68	Overbank flooding and human occupation of the Shalongka site in the Upper Yellow River Valley, northeast Tibet Plateau in relation to climate change since the last deglaciation. <i>Quaternary Research</i> , 2014, 82, 354-365.	1.7	9
69	What do we know about domestication in eastern Asia?. <i>Quaternary International</i> , 2016, 426, 2-9.	1.5	9
70	Emergence of ancient cities in relation to geopolitical circumstances and climate change during late Holocene in northeastern Tibetan Plateau, China. <i>Frontiers of Earth Science</i> , 2016, 10, 669-682.	2.1	9
71	Dating Human Settlement in the East-Central Tibetan Plateau during the Late Holocene. <i>Radiocarbon</i> , 2018, 60, 137-150.	1.8	9
72	Chronology and Plant Utilization from the Earliest Walled Settlement in the Hexi Corridor, Northwestern China. <i>Radiocarbon</i> , 2019, 61, 971-989.	1.8	9

#	ARTICLE	IF	CITATIONS
73	Spatial&Temporal Variation of Cropping Patterns in Relation to Climate Change in Neolithic China. Atmosphere, 2020, 11, 677.	2.3	9
74	Spatiotemporal variation in human settlements and their interaction with living environments in Neolithic and Bronze Age China. Progress in Physical Geography, 2022, 46, 949-967.	3.2	9
75	Social development and living environment changes in the Northeast Tibetan Plateau and contiguous regions during the late prehistoric period. Regional Sustainability, 2020, 1, 59-67.	2.3	8
76	Multiple evidences indicate no relationship between prehistoric disasters in Lajia site and outburst flood in upper Yellow River valley, China. Science China Earth Sciences, 2018, 61, 441-449.	5.2	7
77	Human activities have altered fire-climate relations in arid Central Asia since ~1000 a BP: evidence from a 4200-year-old sedimentary archive. Science Bulletin, 2021, 66, 761-764.	9.0	7
78	A brief history of wheat utilization in China. Frontiers of Agricultural Science and Engineering, 2019, 6, 288.	1.4	7
79	Prehistoric firewood gathering on the northeast Tibetan plateau: environmental and cultural determinism. Vegetation History and Archaeobotany, 2022, 31, 431-441.	2.1	7
80	Human settlements and plant utilization since the late prehistoric period in the Nujiang River valley, Southeast Tibetan Plateau. Archaeological Research in Asia, 2016, 5, 63-71.	0.7	5
81	Environmental Influences on Human Subsistence Strategies in Southwest China During the Bronze Age: A Case Study at the Jiangxifen Site in Yunnan. Frontiers in Earth Science, 2021, 9, .	1.8	5
82	Detecting anthropogenic impact on forest succession from the perspective of wood exploitation on the northeast Tibetan Plateau during the late prehistoric period. Science China Earth Sciences, 2022, 65, 2068-2082.	5.2	4
83	Multiple Factors Affecting the Historical Development of Agriculture in the Hei River Basin, Northwestern China. Environmental Archaeology, 0, , 1-11.	1.2	3
84	Discovery of a tiger (Panthera tigris (L.)) skeleton from the Little Ice Age buried on the shore of Qinghai Lake, northeast Tibet Plateau. Quaternary International, 2015, 355, 145-152.	1.5	2
85	How humans inhabited the Northeastern Tibetan Plateau during the Little Ice Age: A case study at Hualong County, Qinghai Province, China. Journal of Archaeological Science: Reports, 2016, 7, 27-36.	0.5	2
86	Stable Isotopic Evidence for Human and Animal Diets From the Late Neolithic to the Ming Dynasty in the Middle-Lower Reaches of the Hulu River Valley, NW China. Frontiers in Ecology and Evolution, 0, 10, .	2.2	2
87	Diversification in Feeding Pattern of Livestock in Early Bronze Age Northwestern China. Frontiers in Ecology and Evolution, 0, 10, .	2.2	2
88	Introduction to the Special Issue: Correlating changes for environmental, technological and societal transformation in prehistoric eastern Asia. Holocene, 2021, 31, 165-168.	1.7	1
89	Understanding past human-environment interaction from an interdisciplinary perspective. Science Bulletin, 2018, 63, 1023-1024.	9.0	1
90	æ~Sä'säSéTM†è%ãŽŸä1<è~&mdash;ç»¿æ'2ä1<è~ä*ä%ã†œç%oSä,šæ%o ©æ•£ä°æµä,Žç"Ÿä,šæ'jä1/4æe—†ç ©°ä*ä©.S. SCIENŦIA SINICA		