Gaojun Li

List of Publications by Year
in descending order

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55	2,455	236925 25	197818 49
papers	citations	h-index	g-index

60	60	60	2248
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nd and Sr isotopic characteristics of Chinese deserts: Implications for the provenances of Asian dust. Geochimica Et Cosmochimica Acta, 2007, 71, 3904-3914.	3.9	388
2	Sulphide oxidation and carbonate dissolution as a source of CO2 over geological timescales. Nature, 2014, 507, 346-349.	27.8	239
3	Geochemical studies on the source region of Asian dust. Science China Earth Sciences, 2011, 54, 1279-1301.	5.2	152
4	Evolution of carbon cycle over the past 100 million years. Geochimica Et Cosmochimica Acta, 2013, 103, 11-25.	3.9	145
5	Temperature dependence of basalt weathering. Earth and Planetary Science Letters, 2016, 443, 59-69.	4.4	126
6	Binary sources of loess on the Chinese Loess Plateau revealed by Uâ€“Pb ages of zircon. Quaternary Research, 2013, 80, 545-551.	1.7	110
7	Evolution of Cenozoic seawater lithium isotopes: Coupling of global denudation regime and shifting seawater sinks. Earth and Planetary Science Letters, 2014, 401, 284-293.	4.4	98
8	Evolving sources of eolian detritus on the Chinese Loess Plateau since early Miocene: Tectonic and climatic controls. Earth and Planetary Science Letters, 2013, 371-372, 220-225.	4.4	82
9	Spatial and glacialâ€interglacial variations in provenance of the Chinese Loess Plateau. Geophysical Research Letters, 2012, 39, .	4.0	81
10	Dolomite as a tracer for the source regions of Asian dust. Journal of Geophysical Research, 2007, 112, .	3.3	78
11	High regional climate sensitivity over continental China constrained by glacial-recent changes in temperature and the hydrological cycle. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8813-8818.	7.1	70
12	Isotopic evidences for provenance of East Asian Dust. Atmospheric Environment, 2009, 43, 4481-4490.	4.1	62
13	Source-to-sink fluctuations of Asian aeolian deposits since the late Oligocene. Earth-Science Reviews, 2020, 200, 102963.	9.1	61
14	Evolving flux of Asian dust in the North Pacific Ocean since the late Oligocene. Aeolian Research, 2016, 23, 11-20.	2.7	57
15	Continued obliquity pacing of East Asian summer precipitation after the mid-Pleistocene transition. Earth and Planetary Science Letters, 2017, 457, 181-190.	4.4	54
16	Sr-Nd isotope geochemistry of eolian dust of the arid-semiarid areas in China: Implications for loess provenance and monsoon evolution. Science Bulletin, 2006, 51, 1401-1412.	9.0	47
17	Primary and secondary carbonate in Chinese loess discriminated by trace element composition. Geochimica Et Cosmochimica Acta, 2013, 103, 26-35.	3.9	47
18	Sr-Nd isotopic characteristics of eolian deposits in the Erdos Desert and Chinese Loess Plateau: Implications for their provenances. Geochemical Journal, 2008, 42, 273-282.	1.0	41

#	Article	IF	Citations
19	Uranium isotopic constraints on the provenance of dust on the Chinese Loess Plateau. Geology, 2018, 46, 747-750.	4.4	38
20	A 20 million year record of planktic foraminiferal B/Ca ratios: Systematics and uncertainties in pCO2 reconstructions. Geochimica Et Cosmochimica Acta, 2011, 75, 2582-2610.	3.9	36
21	Incorporation of trace metals into microcodium as novel proxies for paleo-precipitation. Earth and Planetary Science Letters, 2014, 386, 34-40.	4.4	34
22	Evolution of the Cenozoic carbon cycle: The roles of tectonics and CO₂ fertilization. Global Biogeochemical Cycles, 2009, 23, .	4.9	28
23	Global cooling forced increase in marine strontium isotopic ratios: Importance of mica weathering and a kinetic approach. Earth and Planetary Science Letters, 2007, 254, 303-312.	4.4	27
24	U-Pb ages of zircon grains reveal a proximal dust source of the Xiashu loess, Lower Yangtze River region, China. Science Bulletin, 2014, 59, 2391-2395.	1.7	27
25	Shifting material source of Chinese loess since ~2.7 Ma reflected by Sr isotopic composition. Scientific Reports, 2015, 5, 10235.	3.3	27
26	Hafnium isotope fractionation during continental weathering: Implications for the generation of the seawater Ndâ€Hf isotope relationships. Geophysical Research Letters, 2013, 40, 916-920.	4.0	26
27	Uranium comminution age tested by the eolian deposits on the Chinese Loess Plateau. Earth and Planetary Science Letters, 2017, 467, 64-71.	4.4	25
28	Response of silicate weathering to monsoon changes on the Chinese Loess Plateau. Catena, 2008, 72, 405-412.	5.0	23
29	Oxygen-isotope record of paleorainwater in authigenic carbonates of Chinese loess-paleosol sequences and its paleoclimatic significance. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 245, 551-559.	2.3	22
30	Rapid shifts in circulation and biogeochemistry of the Southern Ocean during deglacial carbon cycle events. Science Advances, 2020, 6, .	10.3	20
31	Morphological characters and multi-element isotopic signatures of carbonates from Chinese loessâ€“paleosol sequences. Geochimica Et Cosmochimica Acta, 2008, 72, 4323-4337.	3.9	19
32	Increasing magnetic susceptibility of the suspended particles in Yangtze River and possible contribution of fly ash. Catena, 2011, 87, 141-146.	5.0	18
33	Weathering dynamics reflected by the response of riverine uranium isotope disequilibrium to changes in denudation rate. Earth and Planetary Science Letters, 2018, 500, 136-144.	4.4	17
34	Lithium isotopic composition of soil pore water: Responses to evapotranspiration. Geology, 2022, 50, 194-198.	4.4	16
35	Weathering dynamics of Large Igneous Provinces (LIPs): A case study from the Lesotho Highlands. Earth and Planetary Science Letters, 2020, 530, 115871.	4.4	12
36	Aging of basalt volcanic systems and decreasing CO₂ consumption by weathering. Earth Surface Dynamics, 2019, 7, 191-197.	2.4	11

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37	Microcodium in Chinese loess as a recorder for the oxygen isotopic composition of monsoonal rainwater. Quaternary International, 2018, 464, 364-369.	1.5	10
38	Sr fluxes and isotopic compositions of the eleven rivers originating from the Qinghai-Tibet Plateau and their contributions to 87Sr/86Sr evolution of seawater. Science in China Series D: Earth Sciences, 2009, 52, 1059-1067.	0.9	8
39	The application of Neodymium isotope as a chronostratigraphic tool in North Pacific sediments. Geological Magazine, 2020, 157, 768-776.	1.5	7
40	Coal fly ash is a major carbon flux in the Chang Jiang (Yangtze River) basin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
41	Stable tungsten isotope systematics on the Earthâ€™s surface. Geochimica Et Cosmochimica Acta, 2022, 322, 227-243.	3.9	7
42	Millennialâ€Scale Monsoon Variability Modulated by Lowâ€Latitude Insolation During the Last Glaciation. Geophysical Research Letters, 2022, 49, .	4.0	7
43	Uranium comminution age responds to erosion rate semi-quantitatively. Acta Geochimica, 2017, 36, 426-428.	1.7	6
44	Uranium isotopic constraints on the nature of the prehistoric flood at the Lajia site, China. Geology, 2020, 48, 15-18.	4.4	6
45	Two-stage fluid pathways generated by volume expansion reactions: insights from the replacement of pyrite by chalcopyrite. Scientific Reports, 2020, 10, 19993.	3.3	6
46	Variation of summer precipitation Î´¹⁸O on the Chinese Loess Plateau since the last interglacial. Journal of Quaternary Science, 2021, 36, 1214-1220.	2.1	6
47	The role of earthquake-induced landslides in erosion and weathering from active mountain ranges: Progress and perspectives. Science China Earth Sciences, 2021, 64, 2069.	5.2	4
48	Limited Contribution of Preferential Dissolution to Radiogenic Uranium Isotope Disequilibrium Observed in Weathered Moraines. Journal of Earth Science (Wuhan, China), 2022, 33, 57-66.	3.2	4
49	Weathering of Chinese Basaltic Fields. Procedia Earth and Planetary Science, 2014, 10, 69-72.	0.6	3
50	Big difference in 87Sr/86Sr ratios of basalt and basin water: higher 87Sr/86Sr ratios in plagioclase. Acta Geochimica, 2017, 36, 486-488.	1.7	2
51	Oxygen isotopic alteration rate of continental crust recorded by detrital zircon and its implication for deep-time weathering. Earth and Planetary Science Letters, 2022, 578, 117292.	4.4	2
52	Modulation of Effective Precipitation by Temperature in the East Asian Monsoon Margins During Marine Isotope Stage 5. Geophysical Research Letters, 2021, 48, .	4.0	2
53	Short Communication: Aging of basalt volcanic systems and decreasing CO₂ consumption by weathering. , 0, , .		1
54	Uranium isotopic constraints on the nature of the prehistoric flood at the Lajia site, China: REPLY. Geology, 2020, 48, e500-e500.	4.4	0

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55	Landslide-Induced Weathering in Tectonically Active Mountains: Evidence From Dissolved Radiogenic Uranium Isotopes. Frontiers in Earth Science, 2022, 10, .	1.8	0