

Gaojun Li

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,455
citations

236925

25
h-index

197818

49
g-index

60
all docs

60
docs citations

60
times ranked

2248
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium isotopic composition of soil pore water: Responses to evapotranspiration. <i>Geology</i> , 2022, 50, 194-198.	4.4	16
2	Oxygen isotopic alteration rate of continental crust recorded by detrital zircon and its implication for deep-time weathering. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117292.	4.4	2
3	Stable tungsten isotope systematics on the Earth's surface. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 322, 227-243.	3.9	7
4	Limited Contribution of Preferential Dissolution to Radiogenic Uranium Isotope Disequilibrium Observed in Weathered Moraines. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 57-66.	3.2	4
5	Landslide-Induced Weathering in Tectonically Active Mountains: Evidence From Dissolved Radiogenic Uranium Isotopes. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	0
6	Millennial-scale Monsoon Variability Modulated by Low-latitude Insolation During the Last Glaciation. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	7
7	Coal fly ash is a major carbon flux in the Chang Jiang (Yangtze River) basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	7
8	Variation of summer precipitation $\delta^{18}O$ on the Chinese Loess Plateau since the last interglacial. <i>Journal of Quaternary Science</i> , 2021, 36, 1214-1220.	2.1	6
9	The role of earthquake-induced landslides in erosion and weathering from active mountain ranges: Progress and perspectives. <i>Science China Earth Sciences</i> , 2021, 64, 2069.	5.2	4
10	Modulation of Effective Precipitation by Temperature in the East Asian Monsoon Margins During Marine Isotope Stage 5. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	2
11	Source-to-sink fluctuations of Asian aeolian deposits since the late Oligocene. <i>Earth-Science Reviews</i> , 2020, 200, 102963.	9.1	61
12	The application of Neodymium isotope as a chronostratigraphic tool in North Pacific sediments. <i>Geological Magazine</i> , 2020, 157, 768-776.	1.5	7
13	Weathering dynamics of Large Igneous Provinces (LIPs): A case study from the Lesotho Highlands. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115871.	4.4	12
14	Uranium isotopic constraints on the nature of the prehistoric flood at the Lajia site, China. <i>Geology</i> , 2020, 48, 15-18.	4.4	6
15	Rapid shifts in circulation and biogeochemistry of the Southern Ocean during deglacial carbon cycle events. <i>Science Advances</i> , 2020, 6, .	10.3	20
16	Two-stage fluid pathways generated by volume expansion reactions: insights from the replacement of pyrite by chalcopyrite. <i>Scientific Reports</i> , 2020, 10, 19993.	3.3	6
17	Uranium isotopic constraints on the nature of the prehistoric flood at the Lajia site, China: REPLY. <i>Geology</i> , 2020, 48, e500-e500.	4.4	0
18	Aging of basalt volcanic systems and decreasing CO ₂ consumption by weathering. <i>Earth Surface Dynamics</i> , 2019, 7, 191-197.	2.4	11

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19	Microcodium in Chinese loess as a recorder for the oxygen isotopic composition of monsoonal rainwater. <i>Quaternary International</i> , 2018, 464, 364-369.	1.5	10
20	Uranium isotopic constraints on the provenance of dust on the Chinese Loess Plateau. <i>Geology</i> , 2018, 46, 747-750.	4.4	38
21	Weathering dynamics reflected by the response of riverine uranium isotope disequilibrium to changes in denudation rate. <i>Earth and Planetary Science Letters</i> , 2018, 500, 136-144.	4.4	17
22	Uranium comminution age responds to erosion rate semi-quantitatively. <i>Acta Geochimica</i> , 2017, 36, 426-428.	1.7	6
23	Uranium comminution age tested by the eolian deposits on the Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2017, 467, 64-71.	4.4	25
24	Big difference in $87\text{Sr}/86\text{Sr}$ ratios of basalt and basin water: higher $87\text{Sr}/86\text{Sr}$ ratios in plagioclase. <i>Acta Geochimica</i> , 2017, 36, 486-488.	1.7	2
25	Continued obliquity pacing of East Asian summer precipitation after the mid-Pleistocene transition. <i>Earth and Planetary Science Letters</i> , 2017, 457, 181-190.	4.4	54
26	Temperature dependence of basalt weathering. <i>Earth and Planetary Science Letters</i> , 2016, 443, 59-69.	4.4	126
27	Evolving flux of Asian dust in the North Pacific Ocean since the late Oligocene. <i>Aeolian Research</i> , 2016, 23, 11-20.	2.7	57
28	Shifting material source of Chinese loess since ~2.7 Ma reflected by Sr isotopic composition. <i>Scientific Reports</i> , 2015, 5, 10235.	3.3	27
29	Sulphide oxidation and carbonate dissolution as a source of CO_2 over geological timescales. <i>Nature</i> , 2014, 507, 346-349.	27.8	239
30	U-Pb ages of zircon grains reveal a proximal dust source of the Xiashu loess, Lower Yangtze River region, China. <i>Science Bulletin</i> , 2014, 59, 2391-2395.	1.7	27
31	Weathering of Chinese Basaltic Fields. <i>Procedia Earth and Planetary Science</i> , 2014, 10, 69-72.	0.6	3
32	Evolution of Cenozoic seawater lithium isotopes: Coupling of global denudation regime and shifting seawater sinks. <i>Earth and Planetary Science Letters</i> , 2014, 401, 284-293.	4.4	98
33	Incorporation of trace metals into microcodium as novel proxies for paleo-precipitation. <i>Earth and Planetary Science Letters</i> , 2014, 386, 34-40.	4.4	34
34	Evolution of carbon cycle over the past 100 million years. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 103, 11-25.	3.9	145
35	High regional climate sensitivity over continental China constrained by glacial-recent changes in temperature and the hydrological cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8813-8818.	7.1	70
36	Evolving sources of eolian detritus on the Chinese Loess Plateau since early Miocene: Tectonic and climatic controls. <i>Earth and Planetary Science Letters</i> , 2013, 371-372, 220-225.	4.4	82

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37	Primary and secondary carbonate in Chinese loess discriminated by trace element composition. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 103, 26-35.	3.9	47
38	Binary sources of loess on the Chinese Loess Plateau revealed by U-Pb ages of zircon. <i>Quaternary Research</i> , 2013, 80, 545-551.	1.7	110
39	Hafnium isotope fractionation during continental weathering: Implications for the generation of the seawater Nd-Hf isotope relationships. <i>Geophysical Research Letters</i> , 2013, 40, 916-920.	4.0	26
40	Spatial and glacial-interglacial variations in provenance of the Chinese Loess Plateau. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	81
41	Increasing magnetic susceptibility of the suspended particles in Yangtze River and possible contribution of fly ash. <i>Catena</i> , 2011, 87, 141-146.	5.0	18
42	A 20 million year record of planktic foraminiferal B/Ca ratios: Systematics and uncertainties in pCO ₂ reconstructions. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2582-2610.	3.9	36
43	Geochemical studies on the source region of Asian dust. <i>Science China Earth Sciences</i> , 2011, 54, 1279-1301.	5.2	152
44	Isotopic evidences for provenance of East Asian Dust. <i>Atmospheric Environment</i> , 2009, 43, 4481-4490.	4.1	62
45	Sr fluxes and isotopic compositions of the eleven rivers originating from the Qinghai-Tibet Plateau and their contributions to ⁸⁷ Sr/ ⁸⁶ Sr evolution of seawater. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1059-1067.	0.9	8
46	Evolution of the Cenozoic carbon cycle: The roles of tectonics and CO ₂ fertilization. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	4.9	28
47	Morphological characters and multi-element isotopic signatures of carbonates from Chinese loess-paleosol sequences. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 4323-4337.	3.9	19
48	Response of silicate weathering to monsoon changes on the Chinese Loess Plateau. <i>Catena</i> , 2008, 72, 405-412.	5.0	23
49	Sr-Nd isotopic characteristics of eolian deposits in the Erdos Desert and Chinese Loess Plateau: Implications for their provenances. <i>Geochemical Journal</i> , 2008, 42, 273-282.	1.0	41
50	Oxygen-isotope record of paleorainwater in authigenic carbonates of Chinese loess-paleosol sequences and its paleoclimatic significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 245, 551-559.	2.3	22
51	Global cooling forced increase in marine strontium isotopic ratios: Importance of mica weathering and a kinetic approach. <i>Earth and Planetary Science Letters</i> , 2007, 254, 303-312.	4.4	27
52	Nd and Sr isotopic characteristics of Chinese deserts: Implications for the provenances of Asian dust. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3904-3914.	3.9	388
53	Dolomite as a tracer for the source regions of Asian dust. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	78
54	Sr-Nd isotope geochemistry of eolian dust of the arid-semiarid areas in China: Implications for loess provenance and monsoon evolution. <i>Science Bulletin</i> , 2006, 51, 1401-1412.	9.0	47

#	ARTICLE	IF	CITATIONS
55	Short Communication: Aging of basalt volcanic systems and decreasing CO ₂ consumption by weathering. , 0, , .		1