Jiubin Chen

List of Publications by Year
in descending order

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Version: 2024-02-01

51	2,522	218677	189892
papers	citations	26 h-index	50 g-index

53	53	53	1571
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Volcanic origin of the mercury anomalies at the Cretaceous-Paleogene transition of Bidart, France. Geology, 2022, 50, 142-146.	4.4	13
2	Seasonal Variations of the Mercury Multiple Isotopic Compositions of Subrural and Urban Aerosols Highlight an Additional Atmospheric Hg0 Oxidation Pathway. Frontiers in Environmental Science, 2022, 9, .	3.3	5
3	Mercury isotope evidence for regional volcanism during the Frasnian-Famennian transition. Earth and Planetary Science Letters, 2022, 581, 117412.	4.4	20
4	Potential factors impacting PM2.5-Hg during haze evolution revealed by mercury isotope: Emission sources and photochemical processes. Atmospheric Research, 2022, 277, 106318.	4.1	5
5	Major volcanic eruptions linked to the Late Ordovician mass extinction: Evidence from mercury enrichment and Hg isotopes. Global and Planetary Change, 2021, 196, 103374.	3.5	26
6	Denitrification devices in urban boilers change mercury isotope fractionation signatures of coal combustion products. Environmental Pollution, 2021, 268, 115753.	7.5	3
7	Possible application of stable isotope compositions for the identification of metal sources in soil. Journal of Hazardous Materials, 2021, 407, 124812.	12.4	69
8	Mercury fluxes record regional volcanism in the South China craton prior to the end-Permian mass extinction. Geology, 2021, 49, 452-456.	4.4	57
9	Identification of potential sources of elevated PM2.5-Hg using mercury isotopes during haze events. Atmospheric Environment, 2021, 247, 118203.	4.1	6
10	Hg Isotopes and Enhanced Hg Concentration in the Meishan and Guryul Ravine Successions: Proxies for Volcanism Across the Permian-Triassic Boundary. Frontiers in Earth Science, 2021, 9, .	1.8	12
11	Mercury Inputs Into Eastern China Seas Revealed by Mercury Isotope Variations in Sediment Cores. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016891.	2.6	4
12	Stable Mercury Isotopes Revealing Photochemical Processes in the Marine Boundary Layer. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034630.	3.3	10
13	The Mercury Isotopic Composition of Earth's Mantle and the Use of Mass Independently Fractionated Hg to Test for Recycled Crust. Geophysical Research Letters, 2021, 48, e2021GL094301.	4.0	33
14	Deciphering the signatures of weathering and erosion processes and the effects of river management on Li isotopes in the subtropical Pearl River basin. Geochimica Et Cosmochimica Acta, 2021, 313, 340-358.	3.9	7
15	Coprecipitation of Mercury from Natural Iodine-Containing Seawater for Accurate Isotope Measurement. Analytical Chemistry, 2021, 93, 15905-15912.	6.5	8
16	Substantial accumulation of mercury in the deepest parts of the ocean and implications for the environmental mercury cycle. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
17	Globally enhanced Hg deposition and Hg isotopes in sections straddling the Permianâ€“Triassic boundary: Link to volcanism. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 540, 109537.	2.3	30
18	Chondritic mercury isotopic composition of Earth and evidence for evaporative equilibrium degassing during the formation of eucrites. Earth and Planetary Science Letters, 2020, 551, 116544.	4.4	26

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19	Seasonal Variation of Mercury and Its Isotopes in Atmospheric Particles at the Coastal Zhongshan Station, Eastern Antarctica. Environmental Science & Technology, 2020, 54, 11344-11355.	10.0	23
20	A Pilot Study on Zinc Isotopic Compositions in Shallowâ€Water Coral Skeletons. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009430.	2.5	7
21	Chromatographic purification of antimony for accurate isotope analysis by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2020, 35, 1360-1367.	3.0	13
22	Methylmercury produced in upper oceans accumulates in deep Mariana Trench fauna. Nature Communications, 2020, 11, 3389.	12.8	46
23	Mercury isotope compositions in large anthropogenically impacted Pearl River, South China. Ecotoxicology and Environmental Safety, 2020, 191, 110229.	6.0	18
24	Sedimentary host phases of mercury (Hg) and implications for use of Hg as a volcanic proxy. Earth and Planetary Science Letters, 2020, 543, 116333.	4.4	118
25	Globally enhanced Hg concentration and Hg and C isotopes in Permianâ€“Triassic boundary successions: Possible linkage to volcanism. Stratigraphy & Timescales, 2020, 5, 567-628.	0.5	3
26	Mercury evidence of intense volcanic effects on land during the Permian-Triassic transition. Geology, 2019, 47, 1117-1121.	4.4	89
27	Diel variation in mercury stable isotope ratios records photoreduction of PM_{2.5}-bound mercury. Atmospheric Chemistry and Physics, 2019, 19, 315-325.	4.9	34
28	Distribution and partitioning of heavy metals in large anthropogenically impacted river, the Pearl River, China. Acta Geochimica, 2019, 38, 216-231.	1.7	16
29	Mercury enrichments provide evidence of Early Triassic volcanism following the end-Permian mass extinction. Earth-Science Reviews, 2019, 195, 191-212.	9.1	81
30	Evidence for a prolonged Permianâ€“Triassic extinction interval from global marine mercury records. Nature Communications, 2019, 10, 1563.	12.8	136
31	Mercury in marine Ordovician/Silurian boundary sections of South China is sulfide-hosted and non-volcanic in origin. Earth and Planetary Science Letters, 2019, 511, 130-140.	4.4	134
32	Sequential samples reveal significant variation of mercury isotope ratios during single rainfall events. Science of the Total Environment, 2018, 624, 133-144.	8.0	26
33	Insight into hydrothermal and subduction processes from copper and nitrogen isotopes in oceanic metagabbros. Earth and Planetary Science Letters, 2018, 498, 54-64.	4.4	12
34	Reply to comments by Sanjay K. Mukhopadhyay, Sucharita Pal, J. P. Shrivastava on the paper by Sial etÂal. (2016) Mercury enrichments and Hg isotopes in Cretaceousâ€“Paleogene boundary successions: Links to volcanism and palaeoenvironmental impacts. Cretaceous Research 66, 60â€“81. Cretaceous Research, 2017, 76, 84-88.	1.4	3
35	Cu Isotopic Composition in Surface Environments and in Biological Systems: A Critical Review. International Journal of Environmental Research and Public Health, 2017, 14, 538.	2.6	19
36	Mercury enrichment and Hg isotopes in Cretaceousâ€“Paleogene boundary successions: Links to volcanism and palaeoenvironmental impacts. Cretaceous Research, 2016, 66, 60-81.	1.4	95

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37	Isotopic composition for source identification of mercury in atmospheric fine particles. Atmospheric Chemistry and Physics, 2016, 16, 11773-11786.	4.9	61
38	Isotopic evidence for distinct sources of mercury in lake waters and sediments. Chemical Geology, 2016, 426, 33-44.	3.3	72
39	Mass-independent fractionation of even mercury isotopes. Science Bulletin, 2016, 61, 116-124.	9.0	56
40	An improved dual-stage protocol to pre-concentrate mercury from airborne particles for precise isotopic measurement. Journal of Analytical Atomic Spectrometry, 2015, 30, 957-966.	3.0	80
41	Mass-dependent and mass-independent fractionation of mercury isotopes in precipitation from Guiyang, SW China. Comptes Rendus - Geoscience, 2015, 347, 358-367.	1.2	71
42	Large Variation of Mercury Isotope Composition During a Single Precipitation Event at Lhasa City, Tibetan Plateau, China. Procedia Earth and Planetary Science, 2015, 13, 282-286.	0.6	45
43	Behaviors of Major and Trace Elements During Single Flood Event in the Seine River, France. Procedia Earth and Planetary Science, 2014, 10, 343-348.	0.6	14
44	High-resolution Hg chemostratigraphy: A contribution to the distinction of chemical fingerprints of the Deccan volcanism and Cretaceousâ€“Paleogene Boundary impact event. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 414, 98-115.	2.3	59
45	Mercury Stable Isotopic Compositions in Coals from Major Coal Producing Fields in China and Their Geochemical and Environmental Implications. Environmental Science & Technology, 2014, 48, 5565-5574.	10.0	67
46	Mercury speciation and mercury isotope fractionation during ore roasting process and their implication to source identification of downstream sediment in the Wanshan mercury mining area, SW China. Chemical Geology, 2013, 336, 72-79.	3.3	115
47	Mercury isotope variations between bioavailable mercury fractions and total mercury in mercury contaminated soil in Wanshan Mercury Mine, SW China. Chemical Geology, 2013, 336, 80-86.	3.3	85
48	Unusual fractionation of both odd and even mercury isotopes in precipitation from Peterborough, ON, Canada. Geochimica Et Cosmochimica Acta, 2012, 90, 33-46.	3.9	280
49	Chromatographic pre-concentration of Hg from dilute aqueous solutions for isotopic measurement by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2010, 25, 1402.	3.0	81
50	Zn isotopes in the suspended load of the Seine River, France: Isotopic variations and source determination. Geochimica Et Cosmochimica Acta, 2009, 73, 4060-4076.	3.9	84
51	Zinc Isotopes in the Seine River Waters, France: A Probe of Anthropogenic Contamination. Environmental Science & Technology, 2008, 42, 6494-6501.	10.0	129