

Martin Jiskra

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,734
citations

236833

25
h-index

345118

36
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56
all docs

56
docs citations

56
times ranked

2014
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "Mercury Isotope Fractionation by Internal Demethylation and Biomineralization Reactions in Seabirds: Implications for Environmental Mercury Science" Principles and limitations of Source Tracing and Process Tracing with Stable Isotope Signatures. <i>Environmental Science & Technology</i> , 2022, 56, 2069-2070.	4.6	3
2	Climatic Controls on a Holocene Mercury Stable Isotope Sediment Record of Lake Titicaca. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 346-357.	1.2	7
3	Total mercury accumulation in aboveground parts of maize plants (<i>Zea mays</i>) throughout a growing season. <i>Journal of Plant Interactions</i> , 2022, 17, 239-243.	1.0	2
4	Arctic mercury cycling. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 270-286.	12.2	60
5	Physiological and climate controls on foliar mercury uptake by European tree species. <i>Biogeosciences</i> , 2022, 19, 1335-1353.	1.3	18
6	Evaluating atmospheric mercury (Hg) uptake by vegetation in a chemistry-transport model. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1303-1318.	1.7	13
7	Vegetation uptake of mercury and impacts on global cycling. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 269-284.	12.2	150
8	A spatial assessment of mercury content in the European Union topsoil. <i>Science of the Total Environment</i> , 2021, 769, 144755.	3.9	55
9	Mass-Independent Fractionation of Even and Odd Mercury Isotopes during Atmospheric Mercury Redox Reactions. <i>Environmental Science & Technology</i> , 2021, 55, 10164-10174.	4.6	51
10	Critical Observations of Gaseous Elemental Mercury Air-Sea Exchange. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006742.	1.9	7
11	Mercury stable isotopes constrain atmospheric sources to the ocean. <i>Nature</i> , 2021, 597, 678-682.	13.7	92
12	Mercury in European topsoils: Anthropogenic sources, stocks and fluxes. <i>Environmental Research</i> , 2021, 201, 111556.	3.7	32
13	A revised pan-Arctic permafrost soil Hg pool based on Western Siberian peat Hg and carbon observations. <i>Biogeosciences</i> , 2020, 17, 3083-3097.	1.3	26
14	Photochemistry of oxidized Hg(I) and Hg(II) species suggests missing mercury oxidation in the troposphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30949-30956.	3.3	50
15	Eddy covariance flux measurements of gaseous elemental mercury over a grassland. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 2057-2074.	1.2	9
16	A bottom-up quantification of foliar mercury uptake fluxes across Europe. <i>Biogeosciences</i> , 2020, 17, 6441-6456.	1.3	24
17	Experimental rainwater divalent mercury speciation and photoreduction rates in the presence of halides and organic carbon. <i>Science of the Total Environment</i> , 2019, 697, 133821.	3.9	11
18	Mercury in tundra vegetation of Alaska: Spatial and temporal dynamics and stable isotope patterns. <i>Science of the Total Environment</i> , 2019, 660, 1502-1512.	3.9	38

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19	Automated Stable Isotope Sampling of Gaseous Elemental Mercury (ISO-GEM): Insights into GEM Emissions from Building Surfaces. <i>Environmental Science & Technology</i> , 2019, 53, 4346-4354.	4.6	15
20	Insights from mercury stable isotopes on terrestrial atmosphere exchange of Hg(0) in the Arctic tundra. <i>Biogeosciences</i> , 2019, 16, 4051-4064.	1.3	57
21	Mercury stable isotope compositions of Chinese urban fine particulates in winter haze days: Implications for Hg sources and transformations. <i>Chemical Geology</i> , 2019, 504, 267-275.	1.4	30
22	Modelling the mercury stable isotope distribution of Earth surface reservoirs: Implications for global Hg cycling. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 246, 156-173.	1.6	96
23	A vegetation control on seasonal variations in global atmospheric mercury concentrations. <i>Nature Geoscience</i> , 2018, 11, 244-250.	5.4	180
24	A review of global environmental mercury processes in response to human and natural perturbations: Changes of emissions, climate, and land use. <i>Ambio</i> , 2018, 47, 116-140.	2.8	500
25	Corrections to Methyl Mercury Formation in Hillslope Soils of Boreal Forests: The Role of Forest Harvest and Anaerobic Microbes. <i>Environmental Science & Technology</i> , 2018, 52, 367-367.	4.6	0
26	Photoreduction of gaseous oxidized mercury changes global atmospheric mercury speciation, transport and deposition. <i>Nature Communications</i> , 2018, 9, 4796.	5.8	107
27	Mercury in Active Layer Tundra Soils of Alaska: Concentrations, Pools, Origins, and Spatial Distribution. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1058-1073.	1.9	47
28	Source tracing of natural organic matter bound mercury in boreal forest runoff with mercury stable isotopes. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1235-1248.	1.7	67
29	Tundra uptake of atmospheric elemental mercury drives Arctic mercury pollution. <i>Nature</i> , 2017, 547, 201-204.	13.7	314
30	Tropospheric GOM at the Pic du Midi Observatory: Correcting Bias in Denuder Based Observations. <i>Environmental Science & Technology</i> , 2017, 51, 863-869.	4.6	34
31	Forest harvest contribution to Boreal freshwater methyl mercury load. <i>Global Biogeochemical Cycles</i> , 2016, 30, 825-843.	1.9	43
32	Methyl Mercury Formation in Hillslope Soils of Boreal Forests: The Role of Forest Harvest and Anaerobic Microbes. <i>Environmental Science & Technology</i> , 2016, 50, 9177-9186.	4.6	42
33	Mercury Isotope Signatures in Contaminated Sediments as a Tracer for Local Industrial Pollution Sources. <i>Environmental Science & Technology</i> , 2015, 49, 177-185.	4.6	75
34	Mercury Deposition and Re-emission Pathways in Boreal Forest Soils Investigated with Hg Isotope Signatures. <i>Environmental Science & Technology</i> , 2015, 49, 7188-7196.	4.6	242
35	Kinetics of Hg(II) Exchange between Organic Ligands, Goethite, and Natural Organic Matter Studied with an Enriched Stable Isotope Approach. <i>Environmental Science & Technology</i> , 2014, 48, 13207-13217.	4.6	48
36	Solution Speciation Controls Mercury Isotope Fractionation of Hg(II) Sorption to Goethite. <i>Environmental Science & Technology</i> , 2012, 46, 6654-6662.	4.6	143

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37	Using Nitrogen Isotope Fractionation to Assess the Oxidation of Substituted Anilines by Manganese Oxide. Environmental Science & Technology, 2011, 45, 5596-5604.	4.6	37