

# David Amouroux

## List of Publications by Year in descending order

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207  
papers

8,607  
citations

31976

53  
h-index

66911

78  
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214  
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214  
docs citations

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times ranked

6943  
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the biomineralization of mercury selenide nanoparticles through stable isotope analysis in giant petrel tissues. <i>Journal of Hazardous Materials</i> , 2022, 425, 127922.	12.4	11
2	Selenium distribution and speciation in waters of pristine alpine lakes from central-western Pyrenees (France–Spain). <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1430-1442.	3.5	1
3	In Situ Photochemical Transformation of Hg Species and Associated Isotopic Fractionation in the Water Column of High-Altitude Lakes from the Bolivian Altiplano. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2258-2268.	10.0	9
4	First Time Identification of Selenoneine in Seabirds and Its Potential Role in Mercury Detoxification. <i>Environmental Science &amp; Technology</i> , 2022, 56, 3288-3298.	10.0	17
5	Dynamics of Dietary Mercury Determined by Mercury Speciation and Isotopic Composition in <i>Dicentrarchus labrax</i> . <i>Frontiers in Environmental Chemistry</i> , 2022, 3, .	1.6	2
6	Reply to the comment on “New insights into the biomineralization of mercury selenide nanoparticles through stable isotope analysis in giant petrel tissues” by A. Manceau, J. Hazard. Mater. 425 (2021) 127922. doi: 10.1016/j.jhazmat.2021.127922. <i>Journal of Hazardous Materials</i> , 2022, 431, 128582.	12.4	1
7	Recent and historical pollution legacy in high altitude Lake Marborç (Central Pyrenees): A record of mining and smelting since pre-Roman times in the Iberian Peninsula. <i>Science of the Total Environment</i> , 2021, 751, 141557.	8.0	14
8	Mercury isotopes of key tissues document mercury metabolic processes in seabirds. <i>Chemosphere</i> , 2021, 263, 127777.	8.2	53
9	Reconstructing two millennia of copper and silver metallurgy in the Lake Titicaca region (Bolivia/Peru) using trace metals and lead isotopic composition. <i>Anthropocene</i> , 2021, 34, 100288.	3.3	11
10	Contamination levels and habitat use influence Hg accumulation and stable isotope ratios in the European seabass <i>Dicentrarchus labrax</i> . <i>Environmental Pollution</i> , 2021, 281, 117008.	7.5	16
11	Determination of the Intracellular Complexation of Inorganic and Methylmercury in Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Environmental Science &amp; Technology</i> , 2021, 55, 13971-13979.	10.0	7
12	Species-specific isotope tracking of mercury uptake and transformations by pico-nanoplankton in an eutrophic lake. <i>Environmental Pollution</i> , 2021, 288, 117771.	7.5	11
13	Rapid temporal decline of mercury in Greenland halibut ( <i>Reinhardtius hippoglossoides</i> ). <i>Environmental Pollution</i> , 2021, 289, 117843.	7.5	10
14	Accurate determination of the total alkalinity and the CO <sub>2</sub> system parameters in high-altitude lakes from the Western Pyrenees (France – Spain). <i>Microchemical Journal</i> , 2020, 152, 104345.	4.5	3
15	Shifts in mercury methylation across a peatland chronosequence: From sulfate reduction to methanogenesis and syntrophy. <i>Journal of Hazardous Materials</i> , 2020, 387, 121967.	12.4	38
16	A simple determination of trace mercury concentrations in natural waters using dispersive Micro-Solid phase extraction preconcentration based on functionalized graphene nanosheets. <i>Microchemical Journal</i> , 2020, 154, 104549.	4.5	22
17	Contrasting Spatial and Seasonal Trends of Methylmercury Exposure Pathways of Arctic Seabirds: Combination of Large-Scale Tracking and Stable Isotopic Approaches. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13619-13629.	10.0	21
18	Multiple regression analysis to assess the contamination with metals and metalloids in surface sediments (Aveiro Lagoon, Portugal). <i>Marine Pollution Bulletin</i> , 2020, 159, 111470.	5.0	13

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19	Comparison of the Isotopic Composition of Hg and Pb in Two Atmospheric Bioaccumulators in a Pyrenean Beech Forest (Iraty Forest, Western Pyrenees, France/Spain). <i>Frontiers in Environmental Chemistry</i> , 2020, 1, .	1.6	3
20	Accumulation of Methylmercury in the High-Altitude Lake Uru Uru (3686 m a.s.l, Bolivia) Controlled by Sediment Efflux and Photodegradation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7936.	2.5	6
21	Hg isotopic composition and total Hg mass fraction in NIES Certified Reference Material No. 28 Urban Aerosols. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4483-4493.	3.7	5
22	A seabird-eye view on mercury stable isotopes and cycling in the Southern Ocean. <i>Science of the Total Environment</i> , 2020, 742, 140499.	8.0	24
23	Mercury loads and fluxes from wastewater: A nationwide survey in Switzerland. <i>Water Research</i> , 2020, 175, 115708.	11.3	20
24	Diagenetic production, accumulation and sediment-water exchanges of methylmercury in contrasted sediment facies of Lake Titicaca (Bolivia). <i>Science of the Total Environment</i> , 2020, 723, 138088.	8.0	18
25	Cycling and atmospheric exchanges of selenium in Canadian subarctic thermokarst ponds. <i>Biogeochemistry</i> , 2019, 145, 193-211.	3.5	7
26	Spatial distribution of mercury in seawater, sediment, and seafood from the Hardangerfjord ecosystem, Norway. <i>Science of the Total Environment</i> , 2019, 667, 622-637.	8.0	37
27	In vitro simulation of oscillatory redox conditions in intertidal sediments: N, Mn, Fe, and P coupling. <i>Continental Shelf Research</i> , 2019, 177, 33-41.	1.8	11
28	Lake sediment mercury biogeochemistry controlled by sulphate input from drainage basin. <i>Applied Geochemistry</i> , 2019, 104, 135-145.	3.0	7
29	Assessment of Hg contamination by a Chlor-Alkali Plant in riverine and coastal sites combining Hg speciation and isotopic signature (Sagua la Grande River, Cuba). <i>Journal of Hazardous Materials</i> , 2019, 371, 558-565.	12.4	20
30	The Bay of Biscay. , 2019, , 113-152.		9
31	Multiple regression analysis to assess the spatial distribution and speciation of mercury in surface sediments of a contaminated lagoon. <i>Journal of Hazardous Materials</i> , 2019, 367, 715-724.	12.4	16
32	Seabird Tissues As Efficient Biomonitoring Tools for Hg Isotopic Investigations: Implications of Using Blood and Feathers from Chicks and Adults. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4227-4234.	10.0	42
33	Development of a large volume injection method using a programmed temperature vaporization injector " gas chromatography hyphenated to ICP-MS for the simultaneous determination of mercury, tin and lead species at ultra-trace levels in natural waters. <i>Journal of Chromatography A</i> , 2018, 1547, 77-85.	3.7	36
34	Role of the floodplain lakes in the methylmercury distribution and exchanges with the Amazon River, Brazil. <i>Journal of Environmental Sciences</i> , 2018, 68, 24-40.	6.1	14
35	Hg-Stable Isotope Variations in Marine Top Predators of the Western Arctic Ocean. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 479-490.	2.7	38
36	Flux model to estimate the transport of mercury species in a contaminated lagoon (Ria de Aveiro,) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	5.3	6

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37	Algal Bloom Exacerbates Hydrogen Sulfide and Methylmercury Contamination in the Emblematic High-Altitude Lake Titicaca. <i>Geosciences (Switzerland)</i> , 2018, 8, 438.	2.2	27
38	Deciphering the Role of Water Column Redoxclines on Methylmercury Cycling Using Speciation Modeling and Observations From the Baltic Sea. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1498-1513.	4.9	36
39	Multi-element isotopic signature (C, N, Pb, Hg) in epiphytic lichens to discriminate atmospheric contamination as a function of land-use characteristics (Pyrénées-Atlantiques, SW France). <i>Environmental Pollution</i> , 2018, 243, 961-971.	7.5	13
40	Mercury Isotopic Fractionation during Pedogenesis in a Tropical Forest Soil Catena (French Guiana): Deciphering the Impact of Historical Gold Mining. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11573-11582.	10.0	18
41	Cleaning and sampling protocol for analysis of mercury and dissolved organic matter in freshwater systems. <i>MethodsX</i> , 2018, 5, 1017-1026.	1.6	11
42	Dissolved Organic Matter Controls Seasonal and Spatial Selenium Concentration Variability in Thaw Lakes across a Permafrost Gradient. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10254-10262.	10.0	20
43	The interplay between total mercury, methylmercury and dissolved organic matter in fluvial systems: A latitudinal study across Europe. <i>Water Research</i> , 2018, 144, 172-182.	11.3	53
44	Linking Microbial Activities and Low-Molecular-Weight Thiols to Hg Methylation in Biofilms and Periphyton from High-Altitude Tropical Lakes in the Bolivian Altiplano. <i>Environmental Science &amp; Technology</i> , 2018, 52, 9758-9767.	10.0	70
45	Origins and discrimination between local and regional atmospheric pollution in Haiphong (Vietnam), based on metal(loid) concentrations and lead isotopic ratios in PM10. <i>Environmental Science and Pollution Research</i> , 2018, 25, 26653-26668.	5.3	28
46	Methylation and dealkylation of tin compounds by sulfate- and nitrate-reducing bacteria. <i>Chemosphere</i> , 2018, 208, 871-879.	8.2	16
47	Hg Compound-Specific Isotope Analysis at Ultratrace Levels Using an on Line Gas Chromatographic Preconcentration and Separation Strategy Coupled to Multicollector-Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 7809-7816.	6.5	22
48	Identification of sources and bioaccumulation pathways of MeHg in subantarctic penguins: a stable isotopic investigation. <i>Scientific Reports</i> , 2018, 8, 8865.	3.3	34
49	Determination of total Hg isotopic composition at ultra-trace levels by on line cold vapor generation and dual gold-amalgamation coupled to MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 373-384.	3.0	14
50	Occurrence and Fate of Organic and Organometallic Pollutants in Municipal Wastewater Treatment Plants and Their Impact on Receiving Waters (Adour Estuary, France). <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 619-630.	4.1	18
51	Assessment of mercury speciation in feathers using species-specific isotope dilution analysis. <i>Talanta</i> , 2017, 174, 100-110.	5.5	53
52	Mercury Stable Isotopes Discriminate Different Populations of European Seabass and Trace Potential Hg Sources around Europe. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12219-12228.	10.0	27
53	Mercury contamination level and speciation inventory in Lakes Titicaca & Uru-Uru (Bolivia): Current status and future trends. <i>Environmental Pollution</i> , 2017, 231, 262-270.	7.5	41
54	Association of a Specific Algal Group with Methylmercury Accumulation in Periphyton of a Tropical High-Altitude Andean Lake. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 1-10.	4.1	19

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55	Role of Settling Particles on Mercury Methylation in the Oxidic Water Column of Freshwater Systems. <i>Environmental Science &amp; Technology</i> , 2016, 50, 11672-11679.	10.0	99
56	Multiple regression analysis to assess the role of plankton on the distribution and speciation of mercury in water of a contaminated lagoon. <i>Journal of Hazardous Materials</i> , 2016, 318, 711-722.	12.4	12
57	Synergistic effects of mining and urban effluents on the level and distribution of methylmercury in a shallow aquatic ecosystem of the Bolivian Altiplano. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1550-1560.	3.5	12
58	Sources and fate of mercury pollution in Almad�n mining district (Spain): Evidences from mercury isotopic compositions in sediments and lichens. <i>Chemosphere</i> , 2016, 147, 430-438.	8.2	36
59	Diurnal variability and biogeochemical reactivity of mercury species in an extreme high-altitude lake ecosystem of the Bolivian Altiplano. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6919-6933.	5.3	17
60	Pushing back the frontiers of mercury speciation using a combination of biomolecular and isotopic signatures: challenge and perspectives. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2641-2648.	3.7	8
61	A hundred year record of industrial and urban development in French Alps combining Hg accumulation rates and isotope composition in sediment archives from Lake Luitel. <i>Chemical Geology</i> , 2016, 431, 10-19.	3.3	30
62	Assessment of background concentrations of organometallic compounds (methylmercury, ethyllead) in the environment. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 47.	11.3	24
63	Mercury speciation and dispersion from an active gold mine at the West Wits area, South Africa. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 47.	2.7	12
64	Natural Hg isotopic composition of different Hg compounds in mammal tissues as a proxy for in vivo breakdown of toxic methylmercury. <i>Metallomics</i> , 2016, 8, 170-178.	2.4	50
65	Investigation of Hg uptake and transport between paddy soil and rice seeds combining Hg isotopic composition and speciation. <i>Elementa</i> , 2016, 4, .	3.2	11
66	Evaluation of preconcentration methods in the analysis of synthetic musks in whole water samples. <i>Journal of Separation Science</i> , 2015, 38, 2298-2304.	2.5	8
67	Approach to spatialize local to long-range atmospheric metal input (Cd, Cu, Hg, Pb) in epiphytic lichens over a meso-scale area (Pyrenees-Atlantiques, southwestern France). <i>Environmental Science and Pollution Research</i> , 2015, 22, 8536-8548.	5.3	10
68	Identical Hg Isotope Mass Dependent Fractionation Signature during Methylation by Sulfate-Reducing Bacteria in Sulfate and Sulfate-Free Environment. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1365-1373.	10.0	60
69	High methylmercury production under ferruginous conditions in sediments impacted by sewage treatment plant discharges. <i>Water Research</i> , 2015, 80, 245-255.	11.3	57
70	Spatial and seasonal variations of methylmercury in European glass eels ( <i>Anguilla anguilla</i> ) in the Adour estuary (France) and relation to their migratory behaviour. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10721-10732.	5.3	11
71	Specific Effects of Dietary Methylmercury and Inorganic Mercury in Zebrafish ( <i>Danio rerio</i> ) Determined by Genetic, Histological, and Metallothionein Responses. <i>Environmental Science &amp; Technology</i> , 2015, 49, 14560-14569.	10.0	47
72	Specific Pathways of Dietary Methylmercury and Inorganic Mercury Determined by Mercury Speciation and Isotopic Composition in Zebrafish ( <i>Danio rerio</i> ). <i>Environmental Science &amp; Technology</i> , 2015, 49, 12984-12993.	10.0	60

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73	Hg Stable Isotope Time Trend in Ringed Seals Registers Decreasing Sea Ice Cover in the Alaskan Arctic. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8977-8985.	10.0	26
74	Mercury methylation and demethylation in highly contaminated sediments from the DeÅ»le River in Northern France using species-specific enriched stable isotopes. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 145-155.	3.5	1
75	Influence of a wastewater treatment plant on mercury contamination and sediment characteristics in Vidy Bay (Lake Geneva, Switzerland). <i>Aquatic Sciences</i> , 2014, 76, 21.	1.5	7
76	Analytical Performances of Nanostructured Gold Supported on Metal Oxide Sorbents for the Determination of Gaseous Mercury. <i>International Journal of Analytical Chemistry</i> , 2014, 2014, 1-8.	1.0	5
77	In-port derivatization coupled to different extraction techniques for the determination of alkyphenols in environmental water samples. <i>Journal of Chromatography A</i> , 2014, 1340, 1-7.	3.7	13
78	Comparison between GCâ€MS and GCâ€ICPMS using isotope dilution for the simultaneous monitoring of inorganic and methyl mercury, butyl and phenyl tin compounds in biological tissues. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1253-1258.	3.7	24
79	Hemoglobin as a major binding protein for methylmercury in white-sided dolphin liver. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1121-1129.	3.7	43
80	Extremely elevated methyl mercury levels in water, sediment and organisms in a Romanian reservoir affected by release of mercury from a chlor-alkali plant. <i>Water Research</i> , 2014, 49, 391-405.	11.3	93
81	Mercury in the food chain of the Lagoon of Venice, Italy. <i>Marine Pollution Bulletin</i> , 2014, 88, 194-206.	5.0	28
82	Seasonal distribution and speciation of mercury in a gold mining area, north-west province, South Africa. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 387-402.	1.2	10
83	Fate of mercury species in the coastal plume of the Adour River estuary (Bay of Biscay, SW France). <i>Science of the Total Environment</i> , 2014, 496, 701-713.	8.0	35
84	Species-specific isotope tracers to study the accumulation and biotransformation of mixtures of inorganic and methyl mercury by the microalga <i>Chlamydomonas reinhardtii</i> . <i>Environmental Pollution</i> , 2014, 192, 212-215.	7.5	25
85	Mercury speciation analysis in human hair by species-specific isotope-dilution using GCâ€ICPâ€MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3001-3010.	3.7	31
86	MMHg production and export from intertidal sediments to the water column of a tidal lagoon (Arcachon Bay, France). <i>Biogeochemistry</i> , 2013, 114, 341-358.	3.5	29
87	Comparison of Different Airâ€Water Gas Exchange Models to Determine Gaseous Mercury Evasion from Different European Coastal Lagoons and Estuaries. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	14
88	In situ experiments for element species-specific environmental reactivity of tin and mercury compounds using isotopic tracers and multiple linear regression. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1269-1280.	5.3	40
89	Investigations into the differential reactivity of endogenous and exogenous mercury species in coastal sediments. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1292-1301.	5.3	5
90	Chemical kinetic isotope fractionation of mercury during abiotic methylation of Hg(II) by methylcobalamin in aqueous chloride media. <i>Chemical Geology</i> , 2013, 336, 26-36.	3.3	51

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91	Simultaneous determination of mercury and butyltin species using a multiple species-specific isotope dilution methodology on the European, <i>Anguilla anguilla</i> glass eel and yellow eel. International Journal of Environmental Analytical Chemistry, 2013, 93, 166-182.	3.3	10
92	Mercury bioaccumulation in the aquatic plant <i>Elodea nuttallii</i> in the field and in microcosm: Accumulation in shoots from the water might involve copper transporters. Chemosphere, 2013, 90, 595-602.	8.2	59
93	Mercury stable isotope fractionation in six utility boilers of two large coal-fired power plants. Chemical Geology, 2013, 336, 103-111.	3.3	91
94	The impact of post gold mining on mercury pollution in the West Rand region, Gauteng, South Africa. Journal of Geochemical Exploration, 2013, 134, 111-119.	3.2	36
95	Successive methylation and demethylation of methylated mercury species (MeHg and DMeHg) induce mass dependent fractionation of mercury isotopes. Chemical Geology, 2013, 355, 153-162.	3.3	29
96	Investigating the isotopic composition of mercury and lead in epiphytic lichens from South-western France (Pyrénées-Atlantiques) to better constrain the spatial variability of their atmospheric transport and deposition. E3S Web of Conferences, 2013, 1, 29002.	0.5	2
97	Determination of methyl mercury and inorganic mercury in natural waters at the $\text{pgL}^{-1}$ level: Intercomparison between PT-GC-Pyr-AFS and GC-ICP-MS using Ethylation or Propylation derivatization. E3S Web of Conferences, 2013, 1, 09001.	0.5	4
98	Impact of Oil on Bacterial Community Structure in Bioturbated Sediments. PLoS ONE, 2013, 8, e65347.	2.5	61
99	Speciation of mercury in South African coals. Toxicological and Environmental Chemistry, 2012, 94, 1688-1706.	1.2	19
100	Identification of mercury and other metals complexes with metallothioneins in dolphin liver by hydrophilic interaction liquid chromatography with the parallel detection by ICP MS and electrospray hybrid linear/orbital trap MS/MS. Metallomics, 2012, 4, 473.	2.4	31
101	Volatile Dimethyl Polonium Produced by Aerobic Marine Microorganisms. Environmental Science & Technology, 2012, 46, 11402-11407.	10.0	11
102	Mercury speciation in seafood using isotope dilution analysis: A review. Talanta, 2012, 89, 12-20.	5.5	51
103	Fate and tidal transport of butyltin and mercury compounds in the waters of the tropical Bach Dang Estuary (Haiphong, Vietnam). Marine Pollution Bulletin, 2012, 64, 1789-1798.	5.0	19
104	Transformation, Localization, and Biomolecular Binding of Hg Species at Subcellular Level in Methylating and Nonmethylating Sulfate-Reducing Bacteria. Environmental Science & Technology, 2012, 46, 11744-11751.	10.0	33
105	Higher Mass-Independent Isotope Fractionation of Methylmercury in the Pelagic Food Web of Lake Baikal (Russia). Environmental Science & Technology, 2012, 46, 5902-5911.	10.0	87
106	Species-specific stable isotope analysis by the hyphenation of chromatographic techniques with MC-ICPMS. Mass Spectrometry Reviews, 2012, 31, 504-521.	5.4	33
107	Specific pathways for the incorporation of dissolved barium and molybdenum into the bivalve shell: An isotopic tracer approach in the juvenile Great Scallop ( <i>Pecten maximus</i> ). Marine Environmental Research, 2012, 78, 15-25.	2.5	21
108	Measurements of gaseous mercury exchanges at the sediment-water, water-atmosphere and sediment-atmosphere interfaces of a tidal environment (Arcachon Bay, France). Journal of Environmental Monitoring, 2011, 13, 1351.	2.1	28

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109	Hg Speciation and Stable Isotope Signatures in Human Hair As a Tracer for Dietary and Occupational Exposure to Mercury. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9910-9916.	10.0	101
110	Distribution of mercury and organic matter in particle-size classes in sediments contaminated by a waste water treatment plant: Vidy Bay, Lake Geneva, Switzerland. <i>Journal of Environmental Monitoring</i> , 2011, 13, 974.	2.1	46
111	Investigation of Hg species binding biomolecules in dolphin liver combining GC and LC-ICP-MS with isotopic tracers. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 187-194.	3.0	24
112	An experimental approach to investigate mercury species transformations under redox oscillations in coastal sediments. <i>Marine Environmental Research</i> , 2011, 71, 1-9.	2.5	24
113	Phytoplankton distribution and productivity in a highly turbid, tropical coastal system (Bach Dang) Tj ETQq1 1 0.784314 rgBT /Overlook	5.0	68
114	Mercury speciation analysis in seafood by species-specific isotope dilution: method validation and occurrence data. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2699-2711.	3.7	50
115	Simultaneous determination of mercury methylation and demethylation capacities of various sulfate-reducing bacteria using species-specific isotopic tracers. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 337-344.	4.3	104
116	Mercury human exposure through fish consumption in a reservoir contaminated by a chlor-alkali plant: Babeni reservoir (Romania). <i>Environmental Science and Pollution Research</i> , 2010, 17, 1422-1432.	5.3	61
117	Spring molybdenum enrichment in scallop shells: a potential tracer of diatom productivity in temperate coastal environments (Brittany, NW France). <i>Biogeosciences</i> , 2010, 7, 233-245.	3.3	15
118	Approach to Measure Isotopic Ratios in Species Using Multicollector-ICPMS Coupled with Chromatography. <i>Analytical Chemistry</i> , 2010, 82, 5652-5662.	6.5	76
119	Tracing Sources and Bioaccumulation of Mercury in Fish of Lake Baikal~ Angara River Using Hg Isotopic Composition. <i>Environmental Science &amp; Technology</i> , 2010, 44, 8030-8037.	10.0	113
120	High frequency Barium profiles in shells of the Great Scallop &lt;i>Pecten maximus</i>: a methodical long-term and multi-site survey in Western Europe. <i>Biogeosciences</i> , 2009, 6, 157-170.	3.3	33
121	Mercury distribution and exchanges between the Amazon River and connected floodplain lakes. <i>Science of the Total Environment</i> , 2009, 407, 6073-6084.	8.0	26
122	<i>In situ</i> ethylation of organolead, organotin and organomercury species by bromomagnesium tetraethylborate prior to GC-ICP-MS analysis. <i>Journal of Separation Science</i> , 2009, 32, 2426-2433.	2.5	18
123	Species-Specific Stable Isotope Fractionation of Mercury during Hg(II) Methylation by an Anaerobic Bacteria ( <i>Desulfobulbus propionicus</i> ) under Dark Conditions. <i>Environmental Science &amp; Technology</i> , 2009, 43, 9183-9188.	10.0	164
124	Overview of Mercury Methylation Capacities among Anaerobic Bacteria Including Representatives of the Sulphate-Reducers: Implications for Environmental Studies. <i>Geomicrobiology Journal</i> , 2009, 26, 1-8.	2.0	110
125	Barium and molybdenum records in bivalve shells: Geochemical proxies for phytoplankton dynamics in coastal environments?. <i>Limnology and Oceanography</i> , 2009, 54, 1002-1014.	3.1	97
126	Water to atmosphere fluxes of <sup>131</sup> I in relation with alkyl-iodide compounds from the Seine Estuary (France). <i>Journal of Environmental Radioactivity</i> , 2008, 99, 1102-1110.	1.7	5



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127	Atmospheric mercury at mediterranean coastal stations. <i>Environmental Fluid Mechanics</i> , 2008, 8, 101-116.	1.6	40
128	Evaluating the potential and limitations of double-spiking species-specific isotope dilution analysis for the accurate quantification of mercury species in different environmental matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 655-666.	3.7	81
129	New volatile selenium and tellurium species in fermentation gases produced by composting duck manure. <i>Atmospheric Environment</i> , 2008, 42, 7786-7794.	4.1	26
130	Characterization of <i>Desulfomicrobium salsuginis</i> sp. nov. and <i>Desulfomicrobium aestuarii</i> sp. nov., two new sulfate-reducing bacteria isolated from the Adour estuary (French Atlantic coast) with specific mercury methylation potentials. <i>Systematic and Applied Microbiology</i> , 2008, 31, 30-37.	2.8	64
131	Occurrence and distribution of organotin compounds in leachates and biogases from municipal landfills. <i>Water Research</i> , 2008, 42, 987-996.	11.3	32
132	Mercury methylation by a microbial community from sediments of the Adour Estuary (Bay of Biscay). <i>Journal of Environmental Monitoring</i> , 2007, 9, 157.	2.1	23
133	Simultaneous Determination of Species-Specific Isotopic Composition of Hg by Gas Chromatography Coupled to Multicollector ICPMS. <i>Analytical Chemistry</i> , 2008, 80, 3530-3538.	6.5	99
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