

Per S Andersson

List of Publications by Year in descending order

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83
papers

4,250
citations

101543

36
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114465

63
g-index

84
all docs

84
docs citations

84
times ranked

4404
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable bromine isotopic composition of atmospheric CH ₃ Br. Tellus, Series B: Chemical and Physical Meteorology, 2022, 65, 21040.	1.6	17
2	On the discovery of ferromanganese nodules in the World Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 175, 103589.	1.4	4
3	Assessing the utility of barium isotopes to trace Eurasian riverine freshwater inputs to the Arctic Ocean. Marine Chemistry, 2021, 236, 104029.	2.3	5
4	Balancing the modern marine barium isotope budget with estuarine processes. , 2021, , .		0
5	Holocene dust in East Antarctica: Provenance and variability in time and space. Holocene, 2020, 30, 546-558.	1.7	25
6	Radium isotopes to trace uranium redox anomalies in anoxic groundwater. Chemical Geology, 2020, 531, 119296.	3.3	9
7	Iron isotopes reveal the sources of Fe-bearing particles and colloids in the Lena River basin. Geochimica Et Cosmochimica Acta, 2020, 269, 678-692.	3.9	15
8	²³¹ Pa and ²³⁰ Th in the Arctic Ocean: Implications for boundary scavenging and ²³¹ Pa/ ²³⁰ Th fractionation in the Eurasian Basin. Chemical Geology, 2020, 532, 119380.	3.3	13
9	The Transpolar Drift as a Source of Riverine and Shelf-Derived Trace Elements to the Central Arctic Ocean. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015920.	2.6	80
10	Distribution of Fe isotopes in particles and colloids in the salinity gradient along the Lena River plume, Laptev Sea. Biogeosciences, 2019, 16, 1305-1319.	3.3	11
11	Tracing silicate weathering processes in the permafrost-dominated Lena River watershed using lithium isotopes. Geochimica Et Cosmochimica Acta, 2019, 245, 154-171.	3.9	64
12	Thorium and protactinium isotopes as tracers of marine particle fluxes and deep water circulation in the Mediterranean Sea. Marine Chemistry, 2018, 199, 12-23.	2.3	15
13	Stable silicon isotopic compositions of the Lena River and its tributaries: Implications for silicon delivery to the Arctic Ocean. Geochimica Et Cosmochimica Acta, 2018, 241, 120-133.	3.9	21
14	Quantitative salinity reconstructions of the Baltic Sea during the mid-Holocene. Boreas, 2017, 46, 100-110.	2.4	26
15	Assessing the role of submarine groundwater discharge as a source of Sr to the Mediterranean Sea. Geochimica Et Cosmochimica Acta, 2017, 200, 42-54.	3.9	32
16	Strontium stratigraphy of the upper Miocene Lithothamnion Limestone in the Majella Mountain, central Italy, and its palaeoenvironmental implications. Lethaia, 2017, 50, 561-575.	1.4	11
17	Causes of dust size variability in central East Antarctica (Dome B): Atmospheric transport from expanded South American sources during Marine Isotope Stage 2. Quaternary Science Reviews, 2017, 168, 55-68.	3.0	46
18	Strontium isotopes – A tracer for river suspended iron aggregates. Applied Geochemistry, 2017, 79, 85-90.	3.0	5

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19	GEOTRACES inter-calibration of the stable silicon isotope composition of dissolved silicic acid in seawater. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 562-578.	3.0	37
20	Submarine groundwater discharge at Forsmark, Gulf of Bothnia, provided by Ra isotopes. <i>Marine Chemistry</i> , 2017, 196, 162-172.	2.3	17
21	Characterisation of Fe-bearing particles and colloids in the Lena River basin, NE Russia. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 553-573.	3.9	45
22	Spatial variation in concentration and sources of organic carbon in the Lena River, Siberia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1999-2016.	3.0	25
23	Cu isotopes in marine black shales record the Great Oxidation Event. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4941-4946.	7.1	88
24	Coastal ocean and shelf-sea biogeochemical cycling of trace elements and isotopes: lessons learned from GEOTRACES. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20160076.	3.4	56
25	Advanced Residuals Analysis for Determining the Number of PARAFAC Components in Dissolved Organic Matter. <i>Applied Spectroscopy</i> , 2016, 70, 334-346.	2.2	10
26	Ice export from the Laptev and East Siberian Seas derived from $\delta^{18}\text{O}$ values. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5997-6007.	2.6	4
27	Effects of growth and dissolution on the fractionation of silicon isotopes by estuarine diatoms. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 130, 156-166.	3.9	35
28	Carbon Dioxide-Mediated Generation of Hybrid Nanoparticles for Improved Bioavailability of Protein Kinase Inhibitors. <i>Pharmaceutical Research</i> , 2014, 31, 694-705.	3.5	34
29	Stable bromine isotopic composition of methyl bromide released from plant matter. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 125, 186-195.	3.9	21
30	Isotopic analysis of Cd in the mixing zone of Siberian rivers with the Arctic Ocean—New constraints on marine Cd cycling and the isotope composition of riverine Cd. <i>Earth and Planetary Science Letters</i> , 2013, 361, 64-73.	4.4	57
31	Source and formation of the upper halocline of the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 410-421.	2.6	72
32	Silicon isotope enrichment in diatoms during nutrient-limited blooms in a eutrophied river system. <i>Journal of Geochemical Exploration</i> , 2013, 132, 173-180.	3.2	18
33	Chlorine Isotope Effects and Composition of Naturally Produced Organochlorines from Chloroperoxidases, Flavin-Dependent Halogenases, and in Forest Soil. <i>Environmental Science & Technology</i> , 2013, 47, 6864-6871.	10.0	28
34	A High-Volume Cryosampler and Sample Purification System for Bromine Isotope Studies of Methyl Bromide*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 2095-2107.	1.3	6
35	Determination of ^{232}Th and ^{230}Th in seawater using a chemical separation procedure and thermal ionization mass spectrometry. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 296-303.	2.0	6
36	GEOTRACES intercalibration of neodymium isotopes and rare earth element concentrations in seawater and suspended particles. Part 1: reproducibility of results for the international intercomparison. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 234-251.	2.0	119

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37	234Th-derived surface export fluxes of POC from the Northern Barents Sea and the Eurasian sector of the Central Arctic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 68, 1-11.	1.4	15
38	Determination of Nd Isotopes in Water: A Chemical Separation Technique for Extracting Nd from Seawater Using a Chelating Resin. <i>Analytical Chemistry</i> , 2011, 83, 1336-1341.	6.5	35
39	Compound-specific bromine isotope analysis of methyl bromide using gas chromatography hyphenated with inductively coupled plasma multiple collector mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2425-2432.	1.5	19
40	Late Holocene freshening of the Baltic Sea derived from high-resolution strontium isotope analyses of mollusk shells. <i>Geology</i> , 2011, 39, 187-190.	4.4	44
41	Compound-specific bromine isotope compositions of one natural and six industrially synthesised organobromine substances. <i>Environmental Chemistry</i> , 2011, 8, 127.	1.5	25
42	Direct Compound-Specific Stable Chlorine Isotope Analysis of Organic Compounds with Quadrupole GC/MS Using Standard Isotope Bracketing. <i>Analytical Chemistry</i> , 2010, 82, 420-426.	6.5	101
43	Aeolian dust in the Talos Dome ice core (East Antarctica, Pacific/Ross Sea sector): Victoria Land versus remote sources over the last two climate cycles. <i>Journal of Quaternary Science</i> , 2010, 25, 1327-1337.	2.1	83
44	Compound-specific bromine isotope analysis of brominated diphenyl ethers using gas chromatography multiple collector/inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2135-2142.	1.5	34
45	Nonconservative behavior of dissolved organic carbon across the Laptev and East Siberian seas. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	107
46	Iron enrichments and Fe isotopic compositions of surface sediments from the Gotland Deep, Baltic Sea. <i>Chemical Geology</i> , 2010, 277, 310-322.	3.3	37
47	Chlorine isotope evidence for the anthropogenic origin of tris-(4-chlorophenyl)methane. <i>Applied Geochemistry</i> , 2010, 25, 1301-1306.	3.0	14
48	Stable silicon isotope analysis on nanomole quantities using MC-ICP-MS with a hexapole gas-collision cell. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 156-162.	3.0	13
49	Neodymium isotopes in Archean seawater and implications for the marine Nd cycle in Earth's early oceans. <i>Earth and Planetary Science Letters</i> , 2009, 283, 144-155.	4.4	80
50	The distribution of neodymium isotopes in Arctic Ocean basins. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 2645-2659.	3.9	57
51	Hafnium isotopes in Arctic Ocean water. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 3218-3233.	3.9	44
52	Continently-derived solutes in shallow Archean seawater: Rare earth element and Nd isotope evidence in iron formation from the 2.9Ga Pongola Supergroup, South Africa. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 378-394.	3.9	279
53	Iron isotope variations in Holocene sediments of the Gotland Deep, Baltic Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 807-826.	3.9	73
54	Neodymium isotopes in seawater from the Barents Sea and Fram Strait Arctic "Atlantic gateways. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2854-2867.	3.9	48

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55	Compound-specific chlorine isotope analysis of polychlorinated biphenyls isolated from Aroclor and Clophen technical mixtures. <i>Chemosphere</i> , 2008, 71, 299-305.	8.2	26
56	First compound-specific chlorine-isotope analysis of environmentally-bioaccumulated organochlorines indicates a degradation-relatable kinetic isotope effect for DDT. <i>Chemosphere</i> , 2007, 69, 1533-1539.	8.2	26
57	Origin of PCDDs in Ball Clay Assessed with Compound-Specific Chlorine Isotope Analysis and Radiocarbon Dating. <i>Environmental Science & Technology</i> , 2006, 40, 3730-3735.	10.0	47
58	Iron isotope fractionation in river colloidal matter. <i>Earth and Planetary Science Letters</i> , 2006, 245, 792-798.	4.4	114
59	Strontium isotopic composition of modern and Holocene mollusc shells as a palaeosalinity indicator for the Baltic Sea. <i>Chemical Geology</i> , 2006, 232, 54-66.	3.3	41
60	Colloidal rare earth elements in a boreal river: Changing sources and distributions during the spring flood. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 3261-3274.	3.9	120
61	Chlorine isotope fractionation of a semi-volatile organochlorine compound during preparative megabore-column capillary gas chromatography. <i>Journal of Chromatography A</i> , 2006, 1103, 133-138.	3.7	34
62	The POC/ ²³⁴ Th ratio of settling particles isolated using split flow-thin cell fractionation (SPLITT). <i>Marine Chemistry</i> , 2006, 100, 314-322.	2.3	21
63	Thallium isotope composition of the upper continental crust and rivers—An investigation of the continental sources of dissolved marine thallium. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 2007-2019.	3.9	107
64	The concentration and isotopic composition of diffusible Nd in fresh and marine waters. <i>Earth and Planetary Science Letters</i> , 2005, 233, 9-16.	4.4	31
65	Fractionation of surface sediment fines based on a coupled sieve—SPLITT (split flow thin cell) method. <i>Water Research</i> , 2005, 39, 1935-1945.	11.3	15
66	Evaluation of the collection efficiency of upper ocean sub-photic-layer sediment traps: a 24-month in situ calibration in the open Baltic Sea using ²³⁴ Th. <i>Limnology and Oceanography: Methods</i> , 2004, 2, 62-74.	2.0	37
67	Size distribution of colloidal trace metals and organic carbon during a coastal bloom in the Baltic Sea. <i>Marine Chemistry</i> , 2004, 91, 117-130.	2.3	30
68	Characterization of Siberian Arctic coastal sediments: Implications for terrestrial organic carbon export. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	4.9	166
69	Chlorine Isotope Analysis of Submicromole Organochlorine Samples by Sealed Tube Combustion and Thermal Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 2336-2342.	6.5	52
70	Quantification of sedimentary black carbon using the chemothermal oxidation method: an evaluation of ex situ pretreatments and standard additions approaches. <i>Limnology and Oceanography: Methods</i> , 2004, 2, 417-427.	2.0	96
71	14. The Behavior of U- and Th-series Nuclides in the Estuarine Environment. , 2003, , 577-606.		11
72	Precise determination of the isotopic composition of Sn using MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 1248-1256.	3.0	62

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73	The importance of colloids for the behavior of uranium isotopes in the low-salinity zone of a stable estuary. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 13-25.	3.9	85
74	The isotopic composition of Nd in a boreal river: a reflection of selective weathering and colloidal transport. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 521-527.	3.9	75
75	Functional separation of colloids and gravitoids in surface waters based on differential settling velocity: Coupled crossâ€flow filtrationâ€split flow thinâ€cell fractionation (CFFâ€SPLITT). <i>Limnology and Oceanography</i> , 2000, 45, 1731-1742.	3.1	32
76	Colloid dynamics and transport of major elements through a boreal river â€ brackish bay mixing zone. <i>Marine Chemistry</i> , 2000, 71, 1-21.	2.3	105
77	Hydrogeochemical Processes in the Kafue River upstream from the Copperbelt Mining Area, Zambia. <i>Aquatic Geochemistry</i> , 2000, 6, 385-411.	1.3	12
78	Ba/Sr, Ca/Sr and $^{87}\text{Sr}/^{86}\text{Sr}$ ratios in soil water and groundwater: implications for relative contributions to stream water discharge. <i>Applied Geochemistry</i> , 2000, 15, 311-325.	3.0	111
79	Temporal variations in the fractionation of the rare earth elements in a boreal river; the role of colloidal particles.. <i>Chemical Geology</i> , 2000, 166, 23-45.	3.3	233
80	$^{238}\text{U}/^{234}\text{U}$ and $^{232}\text{Th}/^{230}\text{Th}$ in the Baltic Sea and in river water. <i>Earth and Planetary Science Letters</i> , 1995, 130, 217-234.	4.4	112
81	Strontium, dissolved and particulate loads in fresh and brackish waters: The Baltic Sea and Mississippi Delta. <i>Earth and Planetary Science Letters</i> , 1994, 124, 195-210.	4.4	83
82	The sources and transport of Sr and Nd isotopes in the Baltic Sea. <i>Earth and Planetary Science Letters</i> , 1992, 113, 459-472.	4.4	139
83	Major element chemistry, ^2H , ^{18}O and $^{87}\text{Sr}/^{86}\text{Sr}$ in a snow profile across central Scandinavia. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 2601-2608.	1.3	40