

Johan Ingri

List of Publications by Year in descending order

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69
papers

3,490
citations

94433

37
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138484

58
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70
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70
docs citations

70
times ranked

3154
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal variations in the fractionation of the rare earth elements in a boreal river; the role of colloidal particles.. Chemical Geology, 2000, 166, 23-45.	3.3	233
2	Characterization of Siberian Arctic coastal sediments: Implications for terrestrial organic carbon export. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	4.9	166
3	The sources and transport of Sr and Nd isotopes in the Baltic Sea. Earth and Planetary Science Letters, 1992, 113, 459-472.	4.4	139
4	Colloidal rare earth elements in a boreal river: Changing sources and distributions during the spring flood. Geochimica Et Cosmochimica Acta, 2006, 70, 3261-3274.	3.9	120
5	Solid speciation and fractionation of rare earth elements in a spodosol profile from northern Sweden as revealed by sequential extraction. Chemical Geology, 1999, 160, 121-138.	3.3	117
6	Iron isotope fractionation in river colloidal matter. Earth and Planetary Science Letters, 2006, 245, 792-798.	4.4	114
7	²³⁸ U/ ²³⁴ U and ²³² Th/ ²³⁰ Th in the Baltic Sea and in river water. Earth and Planetary Science Letters, 1995, 130, 217-234.	4.4	112
8	Ba/Sr, Ca/Sr and ⁸⁷ Sr/ ⁸⁶ Sr ratios in soil water and groundwater: implications for relative contributions to stream water discharge. Applied Geochemistry, 2000, 15, 311-325.	3.0	111
9	Mobility of rare earth elements during weathering of till in northern Sweden. Applied Geochemistry, 1996, 11, 93-99.	3.0	107
10	Performance of high resolution MC-ICP-MS for Fe isotope ratio measurements in sedimentary geological materials. Journal of Analytical Atomic Spectrometry, 2003, 18, 687-695.	3.0	107
11	Colloid dynamics and transport of major elements through a boreal river " brackish bay mixing zone. Marine Chemistry, 2000, 71, 1-21.	2.3	105
12	Temporal variations of colloidal carrier phases and associated trace elements in a boreal river. Geochimica Et Cosmochimica Acta, 2007, 71, 5339-5354.	3.9	102
13	Geochemistry of manganese in the Kalix River, northern Sweden. Geochimica Et Cosmochimica Acta, 1992, 56, 1485-1494.	3.9	92
14	Early diagenesis of arsenic in sediments of the Kalix River estuary, northern Sweden. Chemical Geology, 1995, 125, 185-196.	3.3	89
15	Strontium, dissolved and particulate loads in fresh and brackish waters: The Baltic Sea and Mississippi Delta. Earth and Planetary Science Letters, 1994, 124, 195-210.	4.4	83
16	The isotopic composition of Nd in a boreal river: a reflection of selective weathering and colloidal transport. Geochimica Et Cosmochimica Acta, 2001, 65, 521-527.	3.9	75
17	Uptake of alkali and alkaline-earth elements on suspended iron and manganese in the kalix river, northern sweden. Geochimica Et Cosmochimica Acta, 1994, 58, 5433-5442.	3.9	70
18	Simultaneous measurements of As, Mo, Sb, V and W using a ferrihydrite diffusive gradients in thin films (DGT) device. Analytica Chimica Acta, 2010, 682, 59-65.	5.4	70

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19	Geochemistry and origin of ferromanganese concretions in the Gulf of Bothnia. <i>Marine Geology</i> , 1982, 50, 1-24.	2.1	68
20	Multielemental analysis of Mn-Fe nodules by ICP-MS: optimisation of analytical method. <i>Analyst</i> , The, 2002, 127, 76-82.	3.5	67
21	Temporal isotopic variations of dissolved silicon in a pristine boreal river. <i>Chemical Geology</i> , 2010, 271, 142-152.	3.3	67
22	Change of Sm-Nd isotope composition during weathering of till. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 813-820.	3.9	66
23	Association of calcium with colloidal particles and speciation of calcium in the Kalix and Amazon rivers. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 4059-4075.	3.9	64
24	Performance of the diffusive gradients in thin films technique for measuring Ca and Mg in freshwater. <i>Analytica Chimica Acta</i> , 2002, 460, 247-256.	5.4	60
25	Molybdenum isotope ratio measurements on geological samples by MC-ICPMS. <i>International Journal of Mass Spectrometry</i> , 2005, 245, 94-107.	1.5	58
26	Trace Metal Speciation in Brackish Water Using Diffusive Gradients in Thin Films and Ultrafiltration: Comparison of Techniques. <i>Environmental Science & Technology</i> , 2006, 40, 3901-3905.	10.0	57
27	Temporal variations in dissolved and suspended iron and manganese in the Kalix River, northern Sweden. <i>Chemical Geology</i> , 1990, 81, 121-131.	3.3	51
28	Past and present weathering rates in northern Sweden. <i>Applied Geochemistry</i> , 1999, 14, 761-774.	3.0	50
29	Iron and manganese layering in recent sediments in the Gulf of Bothnia. <i>Chemical Geology</i> , 1986, 56, 105-116.	3.3	46
30	Rare earth abundance patterns in ferromanganese concretions from the Gulf of Bothnia and the Barents Sea. <i>Geochimica Et Cosmochimica Acta</i> , 1987, 51, 155-161.	3.9	46
31	The geochemistry of Co and Cu in the Kafue River as it drains the Copperbelt mining area, Zambia. <i>Chemical Geology</i> , 2001, 177, 399-414.	3.3	46
32	Cadmium isotope ratio measurements in environmental matrices by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1570-1584.	3.0	46
33	Organic carbon remobilized from thawing permafrost is resequenced by reactive iron on the Eurasian Arctic Shelf. <i>Geophysical Research Letters</i> , 2015, 42, 8122-8130.	4.0	46
34	Evaluation and Optimization of Two Complementary Cross-Flow Ultrafiltration Systems toward Isolation of Coastal Surface Water Colloids. <i>Environmental Science & Technology</i> , 2002, 36, 2236-2241.	10.0	45
35	Isotopic compositions of Ce, Nd and Sr in ferromanganese nodules from the Pacific and Atlantic Oceans, the Baltic and Barents Seas, and the Gulf of Bothnia. <i>Earth and Planetary Science Letters</i> , 1991, 105, 554-565.	4.4	43
36	Chemistry of suspended particles in the southern Baltic Sea. <i>Marine Chemistry</i> , 1991, 32, 73-87.	2.3	41

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37	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
38	Distribution of dissolved and suspended particulate molybdenum, vanadium, and tungsten in the Baltic Sea. <i>Marine Chemistry</i> , 2017, 196, 135-147.	2.3	37
39	Functional separation of colloids and gravitoids in surface waters based on differential settling velocity: Coupled cross-flow filtration-split flow thin cell fractionation (CFF-SPLITT). <i>Limnology and Oceanography</i> , 2000, 45, 1731-1742.	3.1	32
40	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
41	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
42	Geochemistry of ferromanganese concretions in the Barents Sea. <i>Marine Geology</i> , 1985, 67, 101-119.	2.1	28
43	Assessment of the natural variability of B, Cd, Cu, Fe, Pb, Sr, Tl and Zn concentrations and isotopic compositions in leaves, needles and mushrooms using single sample digestion and two-column matrix separation. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 220-233.	3.0	26
44	Redox cycling of iron and manganese in sediments of the Kalix River estuary, Northern Sweden. <i>Aquatic Geochemistry</i> , 1996, 2, 185-201.	1.3	23
45	Iron isotope pathways in the boreal landscape: Role of the riparian zone. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 239, 49-60.	3.9	23
46	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
47	Changes in trace metal sedimentation during freshening of a coastal basin. <i>Marine Chemistry</i> , 2014, 167, 2-12.	2.3	21
48	Origin of iron-manganese-rich suspended matter in the Landsort Deep, NW Baltic Sea. <i>Marine Chemistry</i> , 1988, 24, 93-98.	2.3	20
49	Geochemistry of the Kola River, northwestern Russia. <i>Applied Geochemistry</i> , 2004, 19, 1975-1995.	3.0	19
50	Geochemistry of tungsten and molybdenum during freshwater transport and estuarine mixing. <i>Applied Geochemistry</i> , 2018, 93, 36-48.	3.0	18
51	Early diagenesis and isotopic composition of lead in Lake Laisan, northern Sweden. <i>Chemical Geology</i> , 2002, 189, 183-197.	3.3	15
52	Performance of diffusive gradients in thin films for measurement of the isotopic composition of soluble Zn. <i>Analytica Chimica Acta</i> , 2005, 537, 401-405.	5.4	14
53	Strontium ($^{87}\text{Sr}/^{86}\text{Sr}$) isotopes: A tracer for geochemical processes in mineralogically-complex mine wastes. <i>Applied Geochemistry</i> , 2018, 99, 42-54.	3.0	14
54	A rapid preconcentration method for multielement analysis of natural freshwaters. <i>Water Research</i> , 1991, 25, 617-620.	11.3	12

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55	Hydrogeochemical Processes in the Kafue River upstream from the Copperbelt Mining Area, Zambia. <i>Aquatic Geochemistry</i> , 2000, 6, 385-411.	1.3	12
56	Impact of Hydropower Regulation on River Water Composition in Northern Sweden. <i>Aquatic Geochemistry</i> , 2014, 20, 59-80.	1.3	11
57	Distribution of Fe isotopes in particles and colloids in the salinity gradient along the Lena River plume, Laptev Sea. <i>Biogeosciences</i> , 2019, 16, 1305-1319.	3.3	11
58	Fractionation of trace metals in a contaminated freshwater stream using membrane filtration, ultrafiltration, DGT and transplanted aquatic moss. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2012, 12, 303-312.	0.9	9
59	Mobility and Transport of Nd Isotopes in the Vadose Zone During Weathering of Granitic Till in a Boreal Forest. <i>Aquatic Geochemistry</i> , 2014, 20, 1-17.	1.3	7
60	Trace metals and nutrients in Baltic Sea cyanobacteria: Internal and external fractions and potential use in nitrogen fixation. <i>Marine Chemistry</i> , 2014, 158, 27-38.	2.3	6
61	Environmental monitoring with river suspended matter: case study in the River DalÄlven, central Sweden. <i>Applied Geochemistry</i> , 1993, 8, 125-130.	3.0	5
62	Li Isotope Behaviour in the Low Salinity Zone During Estuarine Mixing. <i>Procedia Earth and Planetary Science</i> , 2014, 10, 204-207.	0.6	5
63	Applications in Natural Waters. , 0, , 123-145.		5
64	Strontium isotopes – A tracer for river suspended iron aggregates. <i>Applied Geochemistry</i> , 2017, 79, 85-90.	3.0	5
65	Deposition rates and ¹⁴ C apparent ages of Holocene sediments in the Bothnian Bay of the Gulf of Bothnia using paleomagnetic dating as a reference. <i>Marine Geology</i> , 2017, 383, 1-13.	2.1	5
66	Biogeochemical mapping of stream plants to trace acid sulphate soils: a comparison between water geochemistry and metal content in macrophytes. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2014, 14, 85-94.	0.9	3
67	Seasonal Variations of Redox State in Hemiboreal Soils Indicated by Changes of ⁵⁶ Fe, Sulfate, and Nitrate in Headwater Streams. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2816-2823.	2.7	2
68	The Stability of Fe-Isotope Signatures During Low Salinity Mixing in Subarctic Estuaries. <i>Aquatic Geochemistry</i> , 2019, 25, 195-218.	1.3	1
69	Physicochemical Distribution of Metals in the Water Phase of Catch Basin Mixtures. <i>Water Quality Research Journal of Canada</i> , 2009, 44, 151-160.	2.7	1