## Clemens Reimann

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135
papers

8,616
citations

49
p-index

90
g-index

137
ext. papers

9,490
ext. citations

5.8
avg, IF

L-index

#	Paper	IF	Citations
135	Quantifying diffuse contamination: Comparing silver and mercury in organogenic and minerogenic soil Science of the Total Environment, 2022, 832, 155065	10.2	2
134	GEMAS: Geochemical distribution of Mg in agricultural soil of Europe. <i>Journal of Geochemical Exploration</i> , <b>2021</b> , 221, 106706	3.8	2
133	Identification of the co-existence of low total organic carbon contents and low pH values in agricultural soil in north-central Europe using hot spot analysis based on GEMAS project data. <i>Science of the Total Environment</i> , <b>2019</b> , 678, 94-104	10.2	17
132	Bioavailable Sr/Sr in European soils: A baseline for provenancing studies. <i>Science of the Total Environment</i> , <b>2019</b> , 672, 1033-1044	10.2	52
131	Reliability of geochemical analyses: Deja vu all over again. <i>Science of the Total Environment</i> , <b>2019</b> , 670, 138-148	10.2	3
130	Tellurium in the environment: current knowledge and identification of gaps. <i>Environmental Chemistry</i> , <b>2019</b> , 16, 215	3.2	21
129	GEMAS: Geochemical background and mineral potential of emerging tech-critical elements in Europe revealed from low-sampling density geochemical mapping. <i>Applied Geochemistry</i> , <b>2019</b> , 111, 104425	3.5	10
128	The large-scale distribution of Cu and Zn in sub- and topsoil: Separating topsoil bioaccumulation and natural matrix effects from diffuse and regional contamination. <i>Science of the Total Environment</i> , <b>2019</b> , 655, 730-740	10.2	5
127	Cadmium enrichment in topsoil: Separating diffuse contamination from biosphere-circulation signals. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 1344-1355	10.2	12
126	The response of 12 different plant materials and one mushroom to Mo and Pb mineralization along a 100-km transect in southern central Norway. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2018</b> , 18, 204-215	1.8	4
125	Fifty-one chemical elements in till from the Oppdal region, Mid-Norway: relation to mineralization, Quaternary and bedrock geology. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2018</b> , 18, 229-240	1.8	
124	GEMAS: CNS concentrations and C/N ratios in European agricultural soil. <i>Science of the Total Environment</i> , <b>2018</b> , 627, 975-984	10.2	15
123	U-Th signatures of agricultural soil at the European continental scale (GEMAS): Distribution, weathering patterns and processes controlling their concentrations. <i>Science of the Total Environment</i> , <b>2018</b> , 622-623, 1277-1293	10.2	12
122	Distribution of Rb, Ga and Cs in agricultural land soils at European continental scale (GEMAS): Implications for weathering conditions and provenance. <i>Chemical Geology</i> , <b>2018</b> , 479, 188-203	4.2	21
121	GEMAS: Establishing geochemical background and threshold for 53 chemical elements in European agricultural soil. <i>Applied Geochemistry</i> , <b>2018</b> , 88, 302-318	3.5	98
120	Graphical statistics to explore the natural and anthropogenic processes influencing the inorganic quality of drinking water, ground water and surface water. <i>Applied Geochemistry</i> , <b>2018</b> , 88, 133-148	3.5	13
119	Background values of gold, potentially toxic elements and emerging high-tech critical elements in surface water collected in a remote northern European environment. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2018</b> , 18, 185-195	1.8	3

118	Element distribution in Lactarius rufus in comparison to the underlying substrate along a transect in southern Norway. <i>Applied Geochemistry</i> , <b>2018</b> , 97, 61-70	3.5	7
117	Geosphere-biosphere circulation of chemical elements in soil and plant systems from a 100 km transect from southern central Norway. <i>Science of the Total Environment</i> , <b>2018</b> , 639, 129-145	10.2	16
116	Response of soil C- and O-horizon and terrestrial moss samples to various lithological units and mineralization in southern Norway. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2018</b> , 18, 252-262	1.8	6
115	Quantifying Diffuse Contamination: Method and Application to Pb in Soil. <i>Environmental Science &amp; Environmental Science</i>	10.3	12
114	Publicly available datasets on thallium (Tl) in the environment-a comment on "Presence of thallium in the environment: sources of contaminations, distribution and monitoring methods" by Bozena Karbowska, Environ Monit Assess (2016) 188:640 (DOI 10.1007/s10661-016-5647-y). Environmental	3.1	3
113	Monitoring and Assessment, 2017, 189, 232  GEMAS: Cadmium distribution and its sources in agricultural and grazing land soil of Europe  Original data versus clr-transformed data. Journal of Geochemical Exploration, 2017, 173, 13-30	3.8	53
112	Establishing geochemical background variation and threshold values for 59 elements in Australian surface soil. <i>Science of the Total Environment</i> , <b>2017</b> , 578, 633-648	10.2	113
111	Comment on "Maps of heavy metals in the soils of the European Union and proposed priority areas for detailed assessment" by TEh, G., Hermann, T., SzatmEi, G., PBztor, L. <i>Science of the Total Environment</i> , <b>2017</b> , 578, 236-241	10.2	6
110	Low density geochemical mapping and mineral exploration: application of the mineral system concept. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2016</b> , 16, 48-61	1.8	15
109	Use of GEMAS data for risk assessment of cadmium in European agricultural and grazing land soil under the REACH Regulation. <i>Applied Geochemistry</i> , <b>2016</b> , 74, 109-121	3.5	20
108	GEMAS: Source, distribution patterns and geochemical behaviour of Ge in agricultural and grazing land soils at European continental scale. <i>Applied Geochemistry</i> , <b>2016</b> , 72, 113-124	3.5	8
107	The single component geochemical map: Fact or fiction?. <i>Journal of Geochemical Exploration</i> , <b>2016</b> , 162, 16-28	3.8	57
106	Comment on "Heavy metals in agricultural soil of the European Union with implications for food safety" by TEh, G., Hermann, T., Da Silva, M.R. and Montanarella, L. <i>Environment International</i> , <b>2016</b> , 97, 258-263	12.9	1
105	GEMAS: Indium in agricultural and grazing land soil of Europe [Its source and geochemical distribution patterns. <i>Journal of Geochemical Exploration</i> , <b>2015</b> , 154, 61-80	3.8	21
104	Geochemical fingerprinting and source discrimination of agricultural soils at continental scale. <i>Chemical Geology</i> , <b>2015</b> , 396, 1-15	4.2	31
103	GEMAS: prediction of solid-solution partitioning coefficients (Kd) for cationic metals in soils using mid-infrared diffuse reflectance spectroscopy. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 224-3	4 <sup>3.8</sup>	7
102	Blind Source Separation for Spatial Compositional Data. <i>Mathematical Geosciences</i> , <b>2015</b> , 47, 753-770	2.5	15
101	GEMAS: prediction of solid-solution phase partitioning coefficients (Kd) for oxoanions and boric acid in soils using mid-infrared diffuse reflectance spectroscopy. <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 235-46	3.8	6

100	Inorganic chemical quality of European tap-water: 1. Distribution of parameters and regulatory compliance. <i>Applied Geochemistry</i> , <b>2015</b> , 59, 200-210	3.5	21
99	GEMAS: Spatial distribution of the pH of European agricultural and grazing land soil. <i>Applied Geochemistry</i> , <b>2014</b> , 48, 207-216	3.5	44
98	Contemporary lead concentration and stable lead isotope ratio distribution in forest moss across the Czech Republic. <i>Applied Geochemistry</i> , <b>2014</b> , 40, 51-60	3.5	25
97	Arsenic in agricultural and grazing land soils of Europe. <i>Applied Geochemistry</i> , <b>2013</b> , 28, 2-10	3.5	62
96	Mercury in European agricultural and grazing land soils. <i>Applied Geochemistry</i> , <b>2013</b> , 33, 1-12	3.5	69
95	New soil composition data for Europe and Australia: demonstrating comparability, identifying continental-scale processes and learning lessons for global geochemical mapping. <i>Science of the Total Environment</i> , <b>2012</b> , 416, 239-52	10.2	97
94	The concept of compositional data analysis in practicetotal major element concentrations in agricultural and grazing land soils of Europe. <i>Science of the Total Environment</i> , <b>2012</b> , 426, 196-210	10.2	171
93	A soil geochemical background for northeastern Brazil. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2012</b> , 12, 197-209	1.8	12
92	Top-/bottom-soil ratios and enrichment factors: What do they really show?. <i>Applied Geochemistry</i> , <b>2012</b> , 27, 138-145	3.5	79
91	Lead and lead isotopes in agricultural soils of Europe The continental perspective. <i>Applied Geochemistry</i> , <b>2012</b> , 27, 532-542	3.5	111
90	Comparing results from two continental geochemical surveys to world soil composition and deriving Predicted Empirical Global Soil (PEGS2) reference values. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 319-320, 269-276	5.3	50
89	Temperature-dependent leaching of chemical elements from mineral water bottle materials. <i>Applied Geochemistry</i> , <b>2012</b> , 27, 1492-1498	3.5	29
88	Interpretation of multivariate outliers for compositional data. Computers and Geosciences, 2012, 39, 77-	<b>84</b> 5	74
87	European Ground Water Geochemistry Using Bottled Water as a Sampling Medium. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , <b>2012</b> , 115-139	0.3	O
86	Spatial distribution of lead and lead isotopes in soil B-horizon, forest-floor humus, grass (Avenella flexuosa) and spruce (Picea abies) needles across the Czech Republic. <i>Applied Geochemistry</i> , <b>2011</b> , 26, 1205-1214	3.5	32
85	Pb-concentrations and Pb-isotope ratios in soils collected along an east west transect across the United States. <i>Applied Geochemistry</i> , <b>2011</b> , 26, 1623-1631	3.5	33
84	Lead and stable Pb-isotope characteristics of tropical soils in north-eastern Brazil. <i>Applied Geochemistry</i> , <b>2011</b> , 26, 2191-2200	3.5	6
83	The performance of moss, grass, and 1- and 2-year old spruce needles as bioindicators of contamination: a comparative study at the scale of the Czech Republic. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2281-97	10.2	43

## (2008-2011)

82	Magnetic properties of terrestrial moss (Hylocomium splendens) along a north-south profile crossing the city of Oslo, Norway. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2252-60	10.2	31
81	Linking chemical elements in forest floor humus (Oh-horizon) in the Czech Republic to contamination sources. <i>Environmental Pollution</i> , <b>2011</b> , 159, 1205-14	9.3	19
80	The Scale of an Urban Contamination Footprint: Results from a Transect through Oslo, Norway <b>2011</b> , 232-244		
79	Data Analysis for Urban Geochemical Data <b>2011</b> , 99-115		2
78	Determination of major and trace elements in European bottled mineral water Analytical methods. <i>Journal of Geochemical Exploration</i> , <b>2010</b> , 107, 217-226	3.8	82
77	Antimony in the environment: Lessons from geochemical mapping. <i>Applied Geochemistry</i> , <b>2010</b> , 25, 175	-1,938	94
76	Bottled drinking water: Water contamination from bottle materials (glass, hard PET, soft PET), the influence of colour and acidification. <i>Applied Geochemistry</i> , <b>2010</b> , 25, 1030-1046	3.5	83
75	Reply to the comment <b>B</b> ottled drinking water: Water contamination from bottle materials (glass, hard PET, soft PET), the influence of colour and acidification by Hayo Mller-Simon. <i>Applied Geochemistry</i> , <b>2010</b> , 25, 1464-1465	3.5	6
74	The bivariate statistical analysis of environmental (compositional) data. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 4230-8	10.2	139
73	Univariate statistical analysis of environmental (compositional) data: problems and possibilities. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 6100-8	10.2	295
72	Emissions from the copperflickel industry on the Kola Peninsula and at Noril'sk, Russia. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 1474-1480	5.3	40
71	Robust factor analysis for compositional data. <i>Computers and Geosciences</i> , <b>2009</b> , 35, 1854-1861	4.5	100
7°	Principal component analysis for compositional data with outliers. <i>Environmetrics</i> , <b>2009</b> , 20, 621-632	1.3	300
69	Arsenic distribution in the environment: The effects of scale. <i>Applied Geochemistry</i> , <b>2009</b> , 24, 1147-1167	3.5	107
68	The influence of geology and land-use on inorganic stream water quality in the Oslo region, Norway. <i>Applied Geochemistry</i> , <b>2009</b> , 24, 1862-1874	3.5	38
67	Reply to the comment on <b>L</b> eochemical gradients in soil O-horizon samples from southern Norway: Natural or anthropogenic? <b>L</b> by Eiliv Steinnes. <i>Applied Geochemistry</i> , <b>2009</b> , 24, 2023-2025	3.5	4
66	Element levels in birch and spruce wood ashes: green energy?. <i>Science of the Total Environment</i> , <b>2008</b> , 393, 191-7	10.2	61
65	The biosphere: A homogeniser of Pb-isotope signals. <i>Applied Geochemistry</i> , <b>2008</b> , 23, 705-722	3.5	46

64	Cluster analysis applied to regional geochemical data: Problems and possibilities. <i>Applied Geochemistry</i> , <b>2008</b> , 23, 2198-2213	3.5	240
63	Reply to the comment on The biosphere: A homogenizer of Pb-isotope signals(by GallLe Roux, Jeroen Sonke, Christophe Cloquet, Dominique Aubert, and Frantis de Vleeschouwer. <i>Applied Geochemistry</i> , <b>2008</b> , 23, 2793-2798	3.5	7
62	Reply to the comments on The biosphere: A homogenizer of Pb-isotope signals By Richard Bindler and William Shotyk. <i>Applied Geochemistry</i> , <b>2008</b> , 23, 2527-2535	3.5	8
61	Low-density geochemical mapping and the robustness of geochemical patterns. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2008</b> , 8, 219-227	1.8	35
60	2008,		269
59	White HDPE bottles as source of serious contamination of water samples with Ba and Zn. <i>Science of the Total Environment</i> , <b>2007</b> , 374, 292-6	10.2	16
58	Element contents in leaves of four plant species (birch, mountain ash, fern and spruce) along anthropogenic and geogenic concentration gradients. <i>Science of the Total Environment</i> , <b>2007</b> , 377, 416-	·3 <sup>1</sup> O.2	64
57	Element concentrations and variations along a 120-km transect in southern Norway  Anthropogenic vs. geogenic vs. biogenic element sources and cycles. <i>Applied Geochemistry</i> , <b>2007</b> , 22, 851-871	3.5	70
56	Element contents in mountain birch leaves, bark and wood under different anthropogenic and geogenic conditions. <i>Applied Geochemistry</i> , <b>2007</b> , 22, 1549-1566	3.5	48
55	PAH-concentrations and compositions in the top 2 cm of forest soils along a 120 km long transect through agricultural areas, forests and the city of Oslo, Norway. <i>Environmental Pollution</i> , <b>2007</b> , 145, 829	9-3:8	51
54	The geographic distribution of fluoride in surface and groundwater in Ethiopia with an emphasis on the Rift Valley. <i>Science of the Total Environment</i> , <b>2006</b> , 367, 182-90	10.2	136
53	The influence of a city on element contents of a terrestrial moss (Hylocomium splendens). <i>Science of the Total Environment</i> , <b>2006</b> , 369, 419-32	10.2	50
52	Regional Distribution of Pd, Pt and Au-Emissions from the Nickel Industry on the Kola Peninsula, NW-Russia, as Seen in Moss and Humus Samples <b>2006</b> , 53-70		6
51	Geochemical mapping: technique or art?. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2005</b> , 5, 359	-3 <u>7</u> .8	56
50	Sub-continental-scale geochemical mapping: sampling, quality control and data analysis issues. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2005</b> , 5, 311-323	1.8	24
49	Multivariate outlier detection in exploration geochemistry. Computers and Geosciences, 2005, 31, 579-5	<b>87</b> .5	262
48	Distinguishing between natural and anthropogenic sources for elements in the environment: regional geochemical surveys versus enrichment factors. <i>Science of the Total Environment</i> , <b>2005</b> , 337, 91-107	10.2	478
47	Background and threshold: critical comparison of methods of determination. <i>Science of the Total Environment</i> , <b>2005</b> , 346, 1-16	10.2	504

46	Geochemical backgroundconcept and reality. Science of the Total Environment, 2005, 350, 12-27	10.2	456
45	Setting action levels for drinking water: are we protecting our health or our economy (or our backs!)?. <i>Science of the Total Environment</i> , <b>2004</b> , 332, 13-21	10.2	49
44	Total sulphur in leaves of several plant species from nine catchments within a 1 500 000 km2 area in northern Europe: local vs. regional variability. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2003</b> , 3, 205-215	1.8	6
43	Drinking water quality in the Ethiopian section of the East African Rift Valley Idata and health aspects. <i>Science of the Total Environment</i> , <b>2003</b> , 311, 65-80	10.2	182
42	High-fluoride drinking water. A health problem in the Ethiopian Rift Valley 1. Assessment of lateritic soils as defluoridating agents. <i>Oral Health &amp; Dentistry</i> , <b>2003</b> , 1, 141-8	1.9	2
41	Factor analysis applied to regional geochemical data: problems and possibilities. <i>Applied Geochemistry</i> , <b>2002</b> , 17, 185-206	3.5	365
40	Regional distribution of Al, B, Ba, Ca, K, La, Mg, Mn, Na, P, Rb, Si, Sr, Th, U and Y in terrestrial moss within a 188,000 km2 area of the central Barents region: influence of geology, seaspray and human activity. <i>Applied Geochemistry</i> , <b>2001</b> , 16, 137-159	3.5	46
39	Metallogenic provinces, geochemical provinces and regional geology Iwhat causes large-scale patterns in low density geochemical maps of the C-horizon of podzols in Arctic Europe?. <i>Applied Geochemistry</i> , <b>2001</b> , 16, 963-983	3.5	28
38	Multi-element, multi-medium regional geochemistry in the European Arctic: element concentration, variation and correlation. <i>Applied Geochemistry</i> , <b>2001</b> , 16, 759-780	3.5	82
37	Hydrochemical distribution patterns in stream waters, Tr\u00e4delag, central Norway. <i>Science of the Total Environment</i> , <b>2001</b> , 267, 1-21	10.2	14
36	Comparison of the element composition in several plant species and their substrate from a 1500000-km2 area in Northern Europe. <i>Science of the Total Environment</i> , <b>2001</b> , 278, 87-112	10.2	119
35	Intrinsic Flaws of Element Enrichment Factors (EFs) in Environmental Geochemistry. <i>Environmental Science &amp; Environmental Scie</i>	10.3	364
34	Processes influencing the chemical composition of the O-horizon of podzols along a 500-km northBouth profile from the coast of the Barents Sea to the Arctic Circle. <i>Geoderma</i> , <b>2000</b> , 95, 113-139	6.7	37
33	Impacts of Airborne Contamination on Regional Soil and Water Quality: The Kola Peninsula, Russia. <i>Environmental Science &amp; Environmental Science &amp; Env</i>	10.3	30
32	Platinum-group elements (Rh, Pt, Pd) and Au distribution in snow samples from the Kola Peninsula, NW Russia. <i>Atmospheric Environment</i> , <b>1999</b> , 33, 3281-3290	5.3	26
31	Lake water geochemistry on the western Kola Peninsula, north-west Russia. <i>Applied Geochemistry</i> , <b>1999</b> , 14, 787-805	3.5	15
30	Influence of filtration on concentrations of 62 elements analysed on crystalline bedrock groundwater samples by ICP-MS. <i>Science of the Total Environment</i> , <b>1999</b> , 234, 155-73	10.2	32
29	Does bottle type and acid-washing influence trace element analyses by ICP-MS on water samples? A test covering 62 elements and four bottle types: high density polyethene (HDPE), polypropene (PP), fluorinated ethene propene copolymer (FEP) and perfluoroalkoxy polymer (PFA). <i>Science of</i>	10.2	27

28	Variation of 66 elements in European bottled mineral waters. <i>Science of the Total Environment</i> , <b>1999</b> , 243-244, 21-41	10.2	106
27	Comparison of plant and precipitation chemistry in catchments with different levels of pollution on the Kola Peninsula, Russia. <i>Science of the Total Environment</i> , <b>1999</b> , 243-244, 169-191	10.2	34
26	Snow composition in eight catchments in the central barents Euro-Arctic region. <i>Atmospheric Environment</i> , <b>1998</b> , 32, 2609-2626	5.3	43
25	Is pure groundwater safe to drink?: natural "contamination' of groundwater in Norway. <i>Geology Today</i> , <b>1998</b> , 14, 104-113	0.4	16
24	Factors influencing NO3 concentrations in rain, stream water, ground water and podzol profiles of eight small catchments in the European Arctic. <i>Environmental Pollution</i> , <b>1998</b> , 102, 559-568	9.3	8
23	Groundwater composition near the nickel©opper smelting industry on the Kola Peninsula, central Barents Region (NW Russia and NE Norway). <i>Journal of Hydrology</i> , <b>1998</b> , 208, 92-107	6	28
22	Annual atmospheric deposition of 16 elements in eight catchments of the central Barents region. <i>Science of the Total Environment</i> , <b>1998</b> , 220, 95-114	10.2	26
21	Mineralogical fingerprints of industrial emissions han example from Ni mining and smelting on the Kola Peninsula, NW Russia. <i>Science of the Total Environment</i> , <b>1998</b> , 221, 189-200	10.2	28
20	Comparison of elemental contents in O- and C-horizon soils from the surroundings of Nikel, Kola Peninsula, using different grain size fractions and extractions. <i>Geoderma</i> , <b>1998</b> , 84, 65-87	6.7	37
19	Chemical Elements in the Environment 1998,		237
19 18	Chemical Elements in the Environment 1998,  Factors influencing NO3 concentrations in rain, stream water, ground water and podzol profiles of eight small catchments in the European Arctic 1998, 559-568		237
	Factors influencing NO3 concentrations in rain, stream water, ground water and podzol profiles of	10.3	
18	Factors influencing NO3 concentrations in rain, stream water, ground water and podzol profiles of eight small catchments in the European Arctic <b>1998</b> , 559-568  Mass Balance between Emission and Deposition of Airborne Contaminants. <i>Environmental Science</i>	10.3	
18	Factors influencing NO3 concentrations in rain, stream water, ground water and podzol profiles of eight small catchments in the European Arctic 1998, 559-568  Mass Balance between Emission and Deposition of Airborne Contaminants. <i>Environmental Science &amp; Emission and Personal Science &amp; Emission and Personal Science &amp; Environmental Science &amp; Emission and Personal Science &amp; Emission and Personal Science &amp; Emission and Personal Science &amp; Environmental Science &amp; Emission and Personal Science &amp; Emission and Pe</i>	9.3	32
18 17 16	Factors influencing NO3 concentrations in rain, stream water, ground water and podzol profiles of eight small catchments in the European Arctic 1998, 559-568  Mass Balance between Emission and Deposition of Airborne Contaminants. <i>Environmental Science &amp; Environmental &amp;</i>	9.3	3 <sup>2</sup>
18 17 16	Factors influencing NO3 concentrations in rain, stream water, ground water and podzol profiles of eight small catchments in the European Arctic 1998, 559-568  Mass Balance between Emission and Deposition of Airborne Contaminants. <i>Environmental Science &amp; Environmental Polition</i> , 1997, 31, 2966-2972  Topsoil (0-5 cm) composition in eight arctic catchments in northern Europe (Finland, Norway and Russia). <i>Environmental Pollution</i> , 1997, 95, 45-56  Seasonal variability of total and easily leachable element contents in topsoils (0-5 cm) from eight catchments in the European Arctic (Finland, Norway and Russia). <i>Environmental Pollution</i> , 1997, 96, 261-Regional patterns of heavy metals (Co, Cr, Cu, Fe, Ni, Pb, V and Zn) and sulphur in terrestrial moss samples as indication of airborne pollution in a 188, 000 km2 area in northern Finland, Norway and	9·3 -743	32 49 70
18 17 16 15	Factors influencing NO3 concentrations in rain, stream water, ground water and podzol profiles of eight small catchments in the European Arctic 1998, 559-568  Mass Balance between Emission and Deposition of Airborne Contaminants. Environmental Science & Emission and Deposition of Airborne Contaminants. Environmental Science & Emission and Deposition of Airborne Contaminants. Environmental Science & Emp; Technology, 1997, 31, 2966-2972  Topsoil (0-5 cm) composition in eight arctic catchments in northern Europe (Finland, Norway and Russia). Environmental Pollution, 1997, 95, 45-56  Seasonal variability of total and easily leachable element contents in topsoils (0-5 cm) from eight catchments in the European Arctic (Finland, Norway and Russia). Environmental Pollution, 1997, 96, 261-261.  Regional patterns of heavy metals (Co, Cr, Cu, Fe, Ni, Pb, V and Zn) and sulphur in terrestrial moss samples as indication of airborne pollution in a 188, 000 km2 area in northern Finland, Norway and Russia. Journal of Geochemical Exploration, 1997, 58, 269-281  Anthropogenic noble-metal enrichment of topsoil in the Monchegorsk area, Kola Peninsula,	9·3 -943 3.8	32 49 70 45

## LIST OF PUBLICATIONS

10	Comparison of sulphur and heavy metal contents and their regional distribution in humus and moss samples from the vicinity of Nikel and Zapoljarnij, Kola Peninsula, Russia. <i>Water, Air, and Soil Pollution</i> , <b>1997</b> , 98, 361-380	2.6	16
9	Regional variation of snowpack chemistry in the vicinity of Nikel and Zapoljarnij, Russia, northern Finland and Norway. <i>Science of the Total Environment</i> , <b>1996</b> , 182, 147-158	10.2	52
8	Distribution and pathways of heavy metals and sulphur in the vicinity of the copper-nickel smelters in Nikel and Zapoljarnij, Kola Peninsula, Russia, as revealed by different sample media. <i>Applied Geochemistry</i> , <b>1996</b> , 11, 25-34	3.5	55
7	Stream water geochemistry from selected catchments on the Kola Peninsula (NW Russia) and in neighbouring areas of Finland and Norway: 1. Elements levels and sources. <i>Aquatic Geochemistry</i> , <b>1996</b> , 2, 149-168	1.7	36
6	Stream water geochemistry from selected catchments on the Kola Peninsula (NW Russia) and in neighbouring areas of Finland and Norway: 2. Time-series. <i>Aquatic Geochemistry</i> , <b>1996</b> , 2, 169-184	1.7	25
5	Ecogeochemical investigation, Kola peninsula: Sulphur and trace element content in snow. <i>Water, Air, and Soil Pollution,</i> <b>1995</b> , 85, 749-754	2.6	39
4	Natural concentrations of major and trace elements in some Norwegian bedrock groundwaters. <i>Applied Geochemistry</i> , <b>1995</b> , 10, 1-16	3.5	86
3	Multielement regional geochemical reconnaissance as an aid to target selection in Irish Caledonian terrains. <i>Journal of Geochemical Exploration</i> , <b>1993</b> , 47, 63-87	3.8	31
2	Comparison of stream sediment and soil sampling for regional exploration in the eastern Alps, Austria. <i>Journal of Geochemical Exploration</i> , <b>1988</b> , 31, 75-85	3.8	11
1	Monitoring accuracy and precision Improvements by introducing robust and resistant statistics. <i>Mikrochimica Acta</i> , <b>1986</b> , 89, 31-42	5.8	30