Belinda Flem

List of Publications by Year
in descending order

34 papers	1,018 citations	430843 18 h-index	434170 31 g-index
34 all docs	34 docs citations	34 times ranked	1170 citing authors

#	Article	IF	Citations
1	Excess Cr and Ni in top soil: Comparing the effect of geology, diffuse contamination, and biogenic influence. Science of the Total Environment, 2022, 843, 157059.	8.0	6
2	GEMAS: Geochemical distribution of Mg in agricultural soil of Europe. Journal of Geochemical Exploration, 2021, 221, 106706.	3.2	8
3	GEMAS: Geochemical background and mineral potential of emerging tech-critical elements in Europe revealed from low-sampling density geochemical mapping. Applied Geochemistry, 2019, 111, 104425.	3.0	14
4	Reliability of geochemical analyses: Deja vu all over again. Science of the Total Environment, 2019, 670, 138-148.	8.0	5
5	The large-scale distribution of Cu and Zn in sub- and topsoil: Separating topsoil bioaccumulation and natural matrix effects from diffuse and regional contamination. Science of the Total Environment, 2019, 655, 730-740.	8.0	12
6	Cadmium enrichment in topsoil: Separating diffuse contamination from biosphere-circulation signals. Science of the Total Environment, 2019, 651, 1344-1355.	8.0	22
7	The response of 12 different plant materials and one mushroom to Mo and Pb mineralization along a 100-km transect in southern central Norway. Geochemistry: Exploration, Environment, Analysis, 2018, 18, 204-215.	0.9	6
8	Urban geochemistry in Kristiansand, Norway. Journal of Geochemical Exploration, 2018, 187, 21-33.	3.2	19
9	Graphical statistics to explore the natural and anthropogenic processes influencing the inorganic quality of drinking water, ground water and surface water. Applied Geochemistry, 2018, 88, 133-148.	3.0	23
10	Geosphere-biosphere circulation of chemical elements in soil and plant systems from a 100â€¯km transect from southern central Norway. Science of the Total Environment, 2018, 639, 129-145.	8.0	20
11	Response of soil C- and O-horizon and terrestrial moss samples to various lithological units and mineralization in southern Norway. Geochemistry: Exploration, Environment, Analysis, 2018, 18, 252-262.	0.9	8
12	Background values of gold, potentially toxic elements and emerging high-tech critical elements in surface water collected in a remote northern European environment. Geochemistry: Exploration, Environment, Analysis, 2018, 18, 185-195.	0.9	3
13	The fish farm of origin is assigned by the element profile of Atlantic salmon (Salmo salar L.) scales in a simulated escape event. Fisheries Research, 2018, 206, 1-13.	1.7	5
14	Element distribution in Lactarius rufus in comparison to the underlying substrate along a transect in southern Norway. Applied Geochemistry, 2018, 97, 61-70.	3.0	12
15	Trace element composition of smolt scales from Atlantic salmon (Salmo salar L.), geographic variation between hatcheries. Fisheries Research, 2017, 190, 183-196.	1.7	13
16	Pb concentrations and isotope ratios of soil O and C horizons in Nord-TrÃ¸ndelag, central Norway: Anthropogenic or natural sources?. Applied Geochemistry, 2016, 74, 56-66.	3.0	16
17	Application of lead isotopic methods to the study of the anthropogenic lead provenance in Spanish overbank floodplain deposits. Environmental Geochemistry and Health, 2016, 38, 449-468.	3.4	4
18	Inorganic chemical quality of European tap-water: 1. Distribution of parameters and regulatory compliance. Applied Geochemistry, 2015, 59, 200-210.	3.0	29

#	Article	IF	Citations
19	Inorganic chemical quality of European tap-water: 2. Geographical distribution. Applied Geochemistry, 2015, 59, 211-224.	3.0	25
20	Submarine and deep-sea mine tailing placements: A review of current practices, environmental issues, natural analogs and knowledge gaps in Norway and internationally. Marine Pollution Bulletin, 2015, 97, 13-35.	5.0	123
21	The Chemistry of Quartz in Granitic Pegmatites of Southern Norway: Petrogenetic and Economic Implications. Economic Geology, 2015, 110, 1737-1757.	3.8	71
22	Lead and lead isotopes in agricultural soils of Europe â€“ The continental perspective. Applied Geochemistry, 2012, 27, 532-542.	3.0	129
23	In Situ Analysis of Trace Elements in Quartz Using Laser Ablation Inductively Coupled Plasma Mass Spectrometry. Springer Geology, 2012, , 219-236.	0.3	10
24	Pb-concentrations and Pb-isotope ratios in soils collected along an eastâ€“west transect across the United States. Applied Geochemistry, 2011, 26, 1623-1631.	3.0	38
25	Geochemical gradients in soil O-horizon samples from southern Norway: Natural or anthropogenic?. Applied Geochemistry, 2009, 24, 62-76.	3.0	48
26	Reply to the comment on â€œGeochemical gradients in soil O-horizon samples from southern Norway: Natural or anthropogenic?â€•by Eiliv Steinnes. Applied Geochemistry, 2009, 24, 2023-2025.	3.0	4
27	Refinement of Phosphorus Determination in Quartz by LAâ€ICPâ€MS through Defining New Reference Material Values. Geostandards and Geoanalytical Research, 2008, 32, 361-376.	3.1	40
28	The biosphere: A homogeniser of Pb-isotope signals. Applied Geochemistry, 2008, 23, 705-722.	3.0	48
29	Reply to the comment on â€œThe biosphere: A homogenizer of Pb-isotope signalsâ€•by GaÃ«l Le Roux, Jeroen Sonke, Christophe Cloquet, Dominique Aubert, and FranÃ§ois de Vleeschouwer. Applied Geochemistry, 2008, 23, 2793-2798.	3.0	7
30	High-purity quartz mineralisation in kyanite quartzites, Norway. Mineralium Deposita, 2007, 42, 523-535.	4.1	49
31	Trace Element Analysis of Scales from Four Populations of Norwegian Atlantic Salmon (Salmo Salar) Tj ETQq1 1 0.784314 rgBT /Overl Applied Spectroscopy, 2005, 59, 245-251.	2.2	24
32	In situ analysis of trace elements in quartz by using laser ablation inductively coupled plasma mass spectrometry. Chemical Geology, 2002, 182, 237-247.	3.3	118
33	Determination of Trace Elements in BCS CRM 313/1 (BAS) and NIST SRM 1830 by Inductively Coupled Plasma-Mass Spectrometry and Instrumental Neutron Activation Analysis. Geostandards and Geoanalytical Research, 2002, 26, 287-300.	3.1	22
34	Application of a double-focusing magnetic sector inductively coupled plasma mass spectrometer with laser ablation for the bulk analysis of rare earth elements in rocks fused with Li 2 B 4 O 7. Fresenius' Journal of Analytical Chemistry, 1998, 362, 477-482.	1.5	37