Christine Alewell

List of Publications by Year
in descending order

150 papers	10,768 citations	50170 46 h-index	34900 98 g-index
162 all docs	162 docs citations	162 times ranked	9120 citing authors

#	Article	IF	Citations
1	Atmospheric ice nuclei at the high-altitude observatory Jungfraujoch, Switzerland. Tellus, Series B: Chemical and Physical Meteorology, 2022, 67, 25014.	0.8	53
2	Characterizing ecosystem-driven chemical composition differences in natural and drained Finnish bogs using pyrolysis-GC/MS. Organic Geochemistry, 2022, 165, 104351.	0.9	7
3	Physiological and climate controls on foliar mercury uptake by European tree species. Biogeosciences, 2022, 19, 1335-1353.	1.3	18
4	The interplay between atmospheric deposition and soil dynamics of mercury in Swiss and Chinese boreal forests: A comparison study. Environmental Pollution, 2022, , 119483.	3.7	4
5	Stable isotopes (Î´13C, Î´15N) and biomarkers as indicators of the hydrological regime of fens in a European eastâ€“west transect. Science of the Total Environment, 2022, 838, 156603.	3.9	2
6	A conceptual-model-based sediment connectivity assessment for patchy agricultural catchments. Hydrology and Earth System Sciences, 2022, 26, 3753-3770.	1.9	9
7	Compound-specific isotope analysis with nested sampling approach detects spatial and temporal variability in the sources of suspended sediments in a Scottish mesoscale catchment. Science of the Total Environment, 2021, 755, 142916.	3.9	12
8	Towards parameterising atmospheric concentrations of ice-nucleating particles active at moderate supercooling. Atmospheric Chemistry and Physics, 2021, 21, 657-664.	1.9	9
9	Phosphorus retention in constructed wetlands enhanced by zeoliteâ€and clinopyroxeneâ€dominated lava sand. Hydrological Processes, 2021, 35, e14040.	1.1	4
10	Carbon budget response of an agriculturally used fen to different soil moisture conditions. Agricultural and Forest Meteorology, 2021, 300, 108319.	1.9	2
11	Soil erosion modelling: A bibliometric analysis. Environmental Research, 2021, 197, 111087.	3.7	78
12	Accumulation of C4â€carbon from Miscanthus in organicâ€matterâ€rich soils. GCB Bioenergy, 2021, 13, 1319-1328.	2.5	3
13	Soil erosion modelling: A global review and statistical analysis. Science of the Total Environment, 2021, 780, 146494.	3.9	261
14	Soil carbon loss from drained agricultural peatland after coverage with mineral soil. Science of the Total Environment, 2021, 800, 149498.	3.9	10
15	Heating up a cold case: Applications of analytical pyrolysis GC/MS to assess molecular biomarkers in peat. Advances in Agronomy, 2021, , 115-159.	2.4	2
16	Investigating causal factors of shallow landslides in grassland regions of Switzerland. Natural Hazards and Earth System Sciences, 2021, 21, 3421-3437.	1.5	4
17	Plutonium aided reconstruction of caesium atmospheric fallout in European topsoils. Scientific Reports, 2020, 10, 11858.	1.6	31
18	Investigating the influence of instrumental parameters and chemical composition on pyrolysis efficiency of peat. Communications in Soil Science and Plant Analysis, 2020, 51, 1572-1581.	0.6	3

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19	Global phosphorus shortage will be aggravated by soil erosion. Nature Communications, 2020, 11, 4546.	5.8	365
20	Land use and climate change impacts on global soil erosion by water (2015-2070). Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21994-22001.	3.3	622
21	Identifying Soil Erosion Processes in Alpine Grasslands on Aerial Imagery with a U-Net Convolutional Neural Network. Remote Sensing, 2020, 12, 4149.	1.8	12
22	Understanding the effects of early degradation on isotopic tracers: implications for sediment source attribution using compound-specific isotope analysis (CSIA). Biogeosciences, 2020, 17, 2169-2180.	1.3	14
23	A bottom-up quantification of foliar mercury uptake fluxes across Europe. Biogeosciences, 2020, 17, 6441-6456.	1.3	24
24	Switch of fungal to bacterial degradation in natural, drained and rewetted oligotrophic peatlands reflected in <i>Î´</i>¹⁵N and fatty acid composition. Soil, 2020, 6, 299-313.	2.2	15
25	Spatio-temporal pattern of soil degradation in a Swiss Alpine grassland catchment. Remote Sensing of Environment, 2019, 235, 111441.	4.6	17
26	Using the USLE: Chances, challenges and limitations of soil erosion modelling. International Soil and Water Conservation Research, 2019, 7, 203-225.	3.0	389
27	Plants or bacteria? 130 years of mixed imprints in Lake Baldegg sediments (Switzerland), as revealed by compound-specific isotope analysis (CSIA) and biomarker analysis. Biogeosciences, 2019, 16, 2131-2146.	1.3	14
28	Mercury emission from industrially contaminated soils in relation to chemical, microbial, and meteorological factors. Environmental Pollution, 2019, 250, 944-952.	3.7	27
29	New type of evidence for secondary ice formation at around â^'15â€‰Â°C in mixed-phase clouds. Atmospheric Chemistry and Physics, 2019, 19, 877-886.	1.9	24
30	Monthly RUSLE soil erosion risk of Swiss grasslands. Journal of Maps, 2019, 15, 247-256.	1.0	31
31	Sorption kinetics of isotopically labelled divalent mercury (196Hg2+) in soil. Chemosphere, 2019, 221, 193-202.	4.2	10
32	Soil sealing and unsealing: State of the art and examples. Land Degradation and Development, 2018, 29, 2015-2024.	1.8	50
33	Objectâ€oriented soil erosion modelling: A possible paradigm shift from potential to actual risk assessments in agricultural environments. Land Degradation and Development, 2018, 29, 1270-1281.	1.8	44
34	Novel application of Compound Specific Stable Isotope (CSSI) techniques to investigate on-site sediment origins across arable fields. Geoderma, 2018, 316, 19-26.	2.3	45
35	Mapping spatio-temporal dynamics of the cover and management factor (C-factor) for grasslands in Switzerland. Remote Sensing of Environment, 2018, 211, 89-104.	4.6	47
36	Soil amendments promote denitrification in restored wetlands. Restoration Ecology, 2018, 26, 294-302.	1.4	5

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37	Pyrogenic Carbon Contributes Substantially to Carbon Storage in Intact and Degraded Northern Peatlands. Land Degradation and Development, 2018, 29, 2082-2091.	1.8	35
38	Change of permanent grasslands extent (1996-2015) and national grassland dataset of Switzerland. Data in Brief, 2018, 20, 1992-1998.	0.5	2
39	Lateral carbon transfer from erosion in noncroplands matters. Global Change Biology, 2018, 24, 3283-3284.	4.2	15
40	Filling the European blank spotâ€"Swiss soil erodibility assessment with topsoil samples. Journal of Plant Nutrition and Soil Science, 2018, 181, 737-748.	1.1	11
41	Metal biogeochemistry in constructed wetlands based on fluviatile sand and zeolite- and clinopyroxene-dominated lava sand. Scientific Reports, 2017, 7, 2981.	1.6	4
42	Soil formation and weathering in a permafrost environment of the Swiss Alps: a multiâ€parameter and nonâ€steadyâ€state approach. Earth Surface Processes and Landforms, 2017, 42, 814-835.	1.2	23
43	Towards estimates of future rainfall erosivity in Europe based on REDES and WorldClim datasets. Journal of Hydrology, 2017, 548, 251-262.	2.3	132
44	Mapping monthly rainfall erosivity in Europe. Science of the Total Environment, 2017, 579, 1298-1315.	3.9	142
45	239+240 Pu from â€œcontaminantâ€•to soil erosion tracer: Where do we stand?. Earth-Science Reviews, 2017, 172, 107-123.	4.0	51
46	Palsa Uplift Identified by Stable Isotope Depth Profiles and Relation of Î´¹⁵ N to C/N Ratio. Permafrost and Periglacial Processes, 2017, 28, 485-492.	1.5	17
47	An Isotopic Dilution Approach for Quantifying Mercury Lability in Soils. Environmental Science and Technology Letters, 2017, 4, 556-561.	3.9	10
48	An assessment of the global impact of 21st century land use change on soil erosion. Nature Communications, 2017, 8, 2013.	5.8	1,398
49	Modelling Hot Spots of Soil Loss by Wind Erosion (<scp>SoLoWind</scp>) in Western Saxony, Germany. Land Degradation and Development, 2017, 28, 1100-1112.	1.8	15
50	Mercury evasion from a boreal peatland shortens the timeline for recovery from legacy pollution. Scientific Reports, 2017, 7, 16022.	1.6	44
51	Export of ice nucleating particles from a watershed. Royal Society Open Science, 2017, 4, 170213.	1.1	10
52	Ice nucleators, bacterial cells and <i>Pseudomonas syringae</i> in precipitation at Jungfraujoch. Biogeosciences, 2017, 14, 1189-1196.	1.3	33
53	Decision support for the selection of reference sites using ¹³⁷Cs as a soil erosion tracer. Soil, 2017, 3, 113-122.	2.2	6
54	Quantitative sediment source attribution with compound-specific isotope analysis in a C3 plant-dominated catchment (central Switzerland). Biogeosciences, 2016, 13, 1587-1596.	1.3	63

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55	Monthly Rainfall Erosivity: Conversion Factors for Different Time Resolutions and Regional Assessments. Water (Switzerland), 2016, 8, 119.	1.2	60
56	Regionalization of monthly rainfall erosivity patterns in Switzerland. Hydrology and Earth System Sciences, 2016, 20, 4359-4373.	1.9	44
57	A dual-inlet, single detector relaxed eddy accumulation system for long-term measurement of mercury flux. Atmospheric Measurement Techniques, 2016, 9, 509-524.	1.2	24
58	Water and solute dynamics during rainfall events in headwater catchments in the Central Swiss Alps under the influence of green alder shrubs and wetland soils. Ecohydrology, 2016, 9, 950-963.	1.1	9
59	Modelling Deposition and Erosion rates with RadioNuclides (MODERN) â€“ Part 1: A new conversion model to derive soil redistribution rates from inventories of fallout radionuclides. Journal of Environmental Radioactivity, 2016, 162-163, 45-55.	0.9	34
60	Reply to the comment on â€œThe new assessment of soil loss by water erosion in Europeâ€•by Fiener & Auerswald. Environmental Science and Policy, 2016, 57, 143-150.	2.4	16
61	Reply to â€œThe new assessment of soil loss by water erosion in Europe. Panagos P. et al., 2015 Environ. Sci. Policy 54, 438â€“447â€”A responseâ€•by Evans and Boardman [Environ. Sci. Policy 58, 11â€“15]. Environmental Science and Policy, 2016, 59, 53-57.	2.4	24
62	Soil Conservation in Europe: Wish or Reality?. Land Degradation and Development, 2016, 27, 1547-1551.	1.8	125
63	Calculating carbon changes in peat soils drained for forestry with four different profile-based methods. Forest Ecology and Management, 2016, 381, 29-36.	1.4	19
64	A multi-radionuclide approach to evaluate the suitability of 239+240Pu as soil erosion tracer. Science of the Total Environment, 2016, 566-567, 1489-1499.	3.9	36
65	Predicting abundance and variability of ice nucleating particles in precipitation at the high-altitude observatory Jungfraujoch. Atmospheric Chemistry and Physics, 2016, 16, 8341-8351.	1.9	16
66	Modelling Deposition and Erosion rates with RadioNuclides (MODERN) â€“ Part 2: A comparison of different models to convert 239+240 Pu inventories into soil redistribution rates at unploughed sites. Journal of Environmental Radioactivity, 2016, 162-163, 97-106.	0.9	25
67	Impact of Fish Farming on Phosphorus in Reservoir Sediments. Scientific Reports, 2015, 5, 16617.	1.6	29
68	Ice nucleation active particles are efficiently removed by precipitating clouds. Scientific Reports, 2015, 5, 16433.	1.6	47
69	Biogeochemical indicators of peatland degradation â€“ a case study of a temperate bog in northern Germany. Biogeosciences, 2015, 12, 2861-2871.	1.3	97
70	Arsenic in Wines and Beers from European Markets. , 2015, , 509-515.		1
71	Estimating the soil erosion cover-management factor at the European scale. Land Use Policy, 2015, 48, 38-50.	2.5	516
72	An attempt to estimate tolerable soil erosion rates by matching soil formation with denudation in Alpine grasslands. Journal of Soils and Sediments, 2015, 15, 1383-1399.	1.5	82

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73	Rainfall erosivity in Europe. Science of the Total Environment, 2015, 511, 801-814.	3.9	443
74	Downstream alteration of the composition and biodegradability of particulate organic carbon in a mountainous, mixed land-use watershed. Biogeochemistry, 2015, 122, 79-99.	1.7	21
75	Modelling the effect of support practices (P-factor) on the reduction of soil erosion by water at European scale. Environmental Science and Policy, 2015, 51, 23-34.	2.4	240
76	The new assessment of soil loss by water erosion in Europe. Environmental Science and Policy, 2015, 54, 438-447.	2.4	825
77	Reply to the comment on â€œRainfall erosivity in Europeâ€•by Auerswald et al.. Science of the Total Environment, 2015, 532, 853-857.	3.9	19
78	The effect of permafrost on time-split soil erosion using radionuclides (137Cs, 239â€‰+â€‰240Pu, meteoric) Tj ETQq0 0 0 rgBT /Over 1400-1419.	1.5	27
79	Soil erosion by snow gliding â€“ a first quantification attempt in a subalpine area in Switzerland. Hydrology and Earth System Sciences, 2014, 18, 3763-3775.	1.9	20
80	Freezing nucleation apparatus puts new slant on study of biological ice nucleators in precipitation. Atmospheric Measurement Techniques, 2014, 7, 129-134.	1.2	62
81	Assessing soil erosion in Europe based on data collected through a European network. Soil Science and Plant Nutrition, 2014, 60, 15-29.	0.8	95
82	Degradation changes stable carbon isotope depth profiles in palsa peatlands. Biogeosciences, 2014, 11, 3369-3380.	1.3	51
83	Sampling soil and sediment depth profiles at a fine resolution with a new device for determining physical, chemical and biological properties: the Fine Increment Soil Collector (FISC). Journal of Soils and Sediments, 2014, 14, 630-636.	1.5	14
84	Suitability of 239+240Pu and 137Cs as tracers for soil erosion assessment in mountain grasslands. Chemosphere, 2014, 103, 274-280.	4.2	84
85	Erosion-induced changes in soil biogeochemical and microbiological properties in Swiss Alpine grasslands. Soil Biology and Biochemistry, 2014, 69, 382-392.	4.2	39
86	Artificial steps mitigate the effect of fine sediment on the survival of brown trout embryos in a heavily modified river. Freshwater Biology, 2014, 59, 544-556.	1.2	8
87	Fallout 210Pb as a soil and sediment tracer in catchment sediment budget investigations: A review. Earth-Science Reviews, 2014, 138, 335-351.	4.0	194
88	Tracking water pathways in steep hillslopes by Î´18O depth profiles of soil water. Journal of Hydrology, 2014, 519, 340-352.	2.3	89
89	Evasion of Elemental Mercury from a Boreal Peatland Suppressed by Long-Term Sulfate Addition. Environmental Science and Technology Letters, 2014, 1, 421-425.	3.9	21
90	Speciation of vanadium in Chinese cabbage (Brassica rapa L.) and soils in response to different levels of vanadium in soils and cabbage growth. Chemosphere, 2014, 111, 89-95.	4.2	54

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91	Use of a 137Cs re-sampling technique to investigate temporal changes in soil erosion and sediment mobilisation for a small forested catchment in southern Italy. Journal of Environmental Radioactivity, 2014, 138, 137-148.	0.9	43
92	Soil erodibility in Europe: A high-resolution dataset based on LUCAS. Science of the Total Environment, 2014, 479-480, 189-200.	3.9	354
93	Influence of soil physical parameters on removal efficiency and hydraulic conductivity of vertical flow constructed wetlands. Ecological Engineering, 2014, 68, 124-132.	1.6	18
94	Soil erosion in an avalanche release site (Valle d'Aosta: Italy): towards a winter factor for RUSLE in the Alps. Natural Hazards and Earth System Sciences, 2014, 14, 1761-1771.	1.5	17
95	Effect of permafrost on the formation of soil organic carbon pools and their physicalâ€“chemical properties in the Eastern Swiss Alps. Catena, 2013, 110, 70-85.	2.2	34
96	Total bacterial number concentration in free tropospheric air above the Alps. Aerobiologia, 2013, 29, 153-159.	0.7	24
97	The usefulness of 137Cs as a tracer for soil erosion assessment: A critical reply to Parsons and Foster (2011). Earth-Science Reviews, 2013, 127, 300-307.	4.0	113
98	Î´¹⁵N natural abundance may directly disclose perturbed soil when related to C:N ratio. Rapid Communications in Mass Spectrometry, 2013, 27, 1101-1104.	0.7	11
99	Combined use of stable isotopes and fallout radionuclides as soil erosion indicators in a forested mountain site, South Korea. Biogeosciences, 2013, 10, 5627-5638.	1.3	37
100	Importance of vegetation, topography and flow paths for water transit times of base flow in alpine headwater catchments. Hydrology and Earth System Sciences, 2013, 17, 1661-1679.	1.9	48
101	Atmospheric ice nucleators active â‰¥ â¯12 Â°C can be quantified on PM₁₀ filters. Atmospheric Measurement Techniques, 2012, 5, 321-327.	1.2	58
102	Evaluation and application of a portable rainfall simulator on subalpine grassland. Catena, 2012, 91, 56-62.	2.2	39
103	On the measurement of alpine soil erosion. Catena, 2012, 91, 63-71.	2.2	41
104	Spatial and temporal variability of rainfall erosivity factor for Switzerland. Hydrology and Earth System Sciences, 2012, 16, 167-177.	1.9	199
105	Measurement of spatial and temporal fine sediment dynamics in a small river. Hydrology and Earth System Sciences, 2012, 16, 1501-1515.	1.9	30
106	Estimation of soil redistribution rates due to snow cover related processes in a mountainous area (Valle d'Aosta, NW Italy). Hydrology and Earth System Sciences, 2012, 16, 517-528.	1.9	30
107	Organic matter dynamics and stable isotope signature as tracers of the sources of suspended sediment. Biogeosciences, 2012, 9, 1985-1996.	1.3	35
108	Soil erodibility estimation using LUCAS point survey data of Europe. Environmental Modelling and Software, 2012, 30, 143-145.	1.9	73

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109	Storm pulses and varying sources of hydrologic carbon export from a mountainous watershed. Journal of Hydrology, 2012, 440-441, 90-101.	2.3	59
110	Calcium Induces Long-Term Legacy Effects in a Subalpine Ecosystem. PLoS ONE, 2012, 7, e51818.	1.1	6
111	Biological residues define the ice nucleation properties of soil dust. Atmospheric Chemistry and Physics, 2011, 11, 9643-9648.	1.9	173
112	Î´¹⁵N natural abundance in permafrost soil indicates impact of fire on nitrogen cycle. Rapid Communications in Mass Spectrometry, 2011, 25, 661-664.	0.7	3
113	Improving the treatment efficiency of constructed wetlands with zeolite-containing filter sands. Bioresource Technology, 2011, 102, 937-941.	4.8	92
114	Stable carbon isotopes as indicators for environmental change in palsa peats. Biogeosciences, 2011, 8, 1769-1778.	1.3	69
115	Interrill erosion at disturbed alpine sites: Effects of plant functional diversity and vegetation cover. Basic and Applied Ecology, 2010, 11, 619-626.	1.2	66
116	Application of in-situ measurement to determine 137Cs in the Swiss Alps. Journal of Environmental Radioactivity, 2010, 101, 369-376.	0.9	20
117	Process identification of soil erosion in steep mountain regions. Hydrology and Earth System Sciences, 2010, 14, 675-686.	1.9	25
118	Forest Development in the European Alps and Potential Consequences on Hydrological Regime. Ecological Studies, 2010, , 111-126.	0.4	4
119	Plantâ€compositional effects on surface runoff and sediment yield in subalpine grassland. Journal of Plant Nutrition and Soil Science, 2009, 172, 777-788.	1.1	18
120	Effective retention of litter-derived dissolved organic carbon in organic layers. Soil Biology and Biochemistry, 2009, 41, 1066-1074.	4.2	68
121	Climate and land-use changes affecting river sediment and brown trout in alpine countriesâ€"a review. Environmental Science and Pollution Research, 2009, 16, 232-242.	2.7	79
122	Determination of Î´¹⁸O in soils: measuring conditions and a potential application. Rapid Communications in Mass Spectrometry, 2009, 23, 313-318.	0.7	6
123	Stable carbon isotopes as an indicator for soil degradation in an alpine environment (Urseren Valley,) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	41
124	Respiration of nitrous oxide in suboxic soil. European Journal of Soil Science, 2009, 60, 332-337.	1.8	9
125	Cesiumâ€137â€based erosionâ€rate determination of a steep mountainous region. Journal of Plant Nutrition and Soil Science, 2009, 172, 615-622.	1.1	32
126	Co-regulation of redox processes in freshwater wetlands as a function of organic matter availability?. Science of the Total Environment, 2008, 404, 335-342.	3.9	49

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127	Temperature sensitivity of young and old soil carbon â€“ Same soil, slight differences in 13C natural abundance method, inconsistent results. Soil Biology and Biochemistry, 2008, 40, 2703-2705.	4.2	23
128	Methods to describe and predict soil erosion in mountain regions. Landscape and Urban Planning, 2008, 88, 46-53.	3.4	64
129	Evidence of microbial control of Hg⁰emissions from uncontaminated terrestrial soils. Journal of Plant Nutrition and Soil Science, 2008, 171, 200-209.	1.1	50
130	Sulphur behaviour in forest soils near the largest SO2 emitter in northern Europe. Applied Geochemistry, 2007, 22, 1095-1104.	1.4	5
131	Fractionation factors for stable isotopes of N and O during N2O reduction in soil depend on reaction rate constant. Rapid Communications in Mass Spectrometry, 2007, 21, 846-850.	0.7	40
132	Characterizing the Redox Status in Three Different Forested Wetlands with Geochemical Data. Environmental Science & Technology, 2006, 40, 7609-7615.	4.6	27
133	Reduction processes in forest wetlands: Tracking down heterogeneity of source/sink functions with a combination of methods. Soil Biology and Biochemistry, 2006, 38, 1028-1039.	4.2	82
134	Sulphate, Nitrogen and Base Cation Budgets at 21 Forested Catchments in Canada, the United States and Europe. Environmental Monitoring and Assessment, 2005, 109, 1-36.	1.3	176
135	Calcium Loss in Central European Forest Soils. Soil Science Society of America Journal, 2004, 68, 588-595.	1.2	32
136	High temporal resolution of ion fluxes in semi-natural ecosystems â€“ gain of information or waste of resources?. Biogeochemistry, 2004, 69, 19-35.	1.7	23
137	Apparent translatory flow in groundwater recharge and runoff generation. Journal of Hydrology, 2002, 265, 195-211.	2.3	37
138	Predicting Reversibility of Acidification: The European Sulfur Story. Water, Air, and Soil Pollution, 2001, 130, 1271-1276.	1.1	46
139	Effects of reduced atmospheric deposition on soil solution chemistry and elemental contents of spruce needles in NEâ€”Bavaria, Germany. Journal of Plant Nutrition and Soil Science, 2000, 163, 509-516.	1.1	66
140	Changes in the Î´34S ratio of pore-water sulfate in incubated Sphagnum peat. Wetlands, 2000, 20, 62-69.	0.7	19
141	Different effect of drying on the fluxes of dissolved organic carbon and nitrogen from a Norway spruce forest floor. Journal of Plant Nutrition and Soil Science, 2000, 163, 517-521.	1.1	26
142	Effects of reduced atmospheric deposition on soil solution chemistry and elemental contents of spruce needles in NEâ€”Bavaria, Germany. , 2000, 163, 509.		2
143	SPATIAL VARIABILITY OF SULFATE ISOTHERMS IN FOREST SOILS AT DIFFERENT SCALES AND ITS IMPLICATIONS FOR THE MODELING OF SOIL SULFATE FLUXES. Soil Science, 2000, 165, 848-857.	0.9	6
144	Patterns of stable S isotopes in a forested catchment as indicators for biological S turnover. Biogeochemistry, 1999, 47, 319-333.	1.7	51

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145	Title is missing!. Biogeochemistry, 1999, 44, 281-299.	1.7	53
146	Use of objective criteria for the assessment of biogeochemical ecosystem models. Ecological Modelling, 1998, 107, 213-224.	1.2	61
147	Investigating sulfate sorption and desorption of acid forest soils with special consideration of soil structure. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1998, 161, 73-80.	0.4	13
148	Measured and modelled retention of inorganic sulfur in soils and subsoils (Harz Mountains,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	1.1	8
149	Effects of organic sulfur compounds on extraction and determination of inorganic sulfate. Plant and Soil, 1993, 149, 141-144.	1.8	19
150	Occurrence and erosion susceptibility of German Pelosols and international equivalents [#]. Journal of Plant Nutrition and Soil Science, 0, , .	1.1	1