

Jens Leifeld

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5863287/publications.pdf>

Version: 2024-02-01

140
papers

11,175
citations

31949

53
h-index

31818

101
g-index

173
all docs

173
docs citations

173
times ranked

12389
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature and soil organic matter decomposition rates - synthesis of current knowledge and a way forward. <i>Global Change Biology</i> , 2011, 17, 3392-3404.	4.2	1,143
2	Anthropogenic perturbation of the carbon fluxes from land to ocean. <i>Nature Geoscience</i> , 2013, 6, 597-607.	5.4	937
3	Temporal dynamics of soil organic carbon after land-use change in the temperate zone - carbon response functions as a model approach. <i>Global Change Biology</i> , 2011, 17, 2415-2427.	4.2	645
4	The underappreciated potential of peatlands in global climate change mitigation strategies. <i>Nature Communications</i> , 2018, 9, 1071.	5.8	418
5	Measured soil organic matter fractions can be related to pools in the RothC model. <i>European Journal of Soil Science</i> , 2007, 58, 658-667.	1.8	343
6	Soil organic matter fractions as early indicators for carbon stock changes under different land-use?. <i>Geoderma</i> , 2005, 124, 143-155.	2.3	304
7	Towards a global-scale soil climate mitigation strategy. <i>Nature Communications</i> , 2020, 11, 5427.	5.8	302
8	Application of thermal analysis techniques in soil science. <i>Geoderma</i> , 2009, 153, 1-10.	2.3	277
9	The carbon budget of newly established temperate grassland depends on management intensity. <i>Agriculture, Ecosystems and Environment</i> , 2007, 121, 5-20.	2.5	262
10	Effects of climate and management intensity on nitrous oxide emissions in grassland systems across Europe. <i>Agriculture, Ecosystems and Environment</i> , 2007, 121, 135-152.	2.5	262
11	Carbon stocks in Swiss agricultural soils predicted by land-use, soil characteristics, and altitude. <i>Agriculture, Ecosystems and Environment</i> , 2005, 105, 255-266.	2.5	247
12	Quantitative Determination of PAHs in Biochar: A Prerequisite To Ensure Its Quality and Safe Application. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3042-3050.	2.4	199
13	Biological residues define the ice nucleation properties of soil dust. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 9643-9648.	1.9	173
14	The Temperature Response of CO ₂ Production from Bulk Soils and Soil Fractions is Related to Soil Organic Matter Quality. <i>Biogeochemistry</i> , 2005, 75, 433-453.	1.7	171
15	Expert assessment of future vulnerability of the global peatland carbon sink. <i>Nature Climate Change</i> , 2021, 11, 70-77.	8.1	167
16	Quantifying soil organic carbon fractions by infrared-spectroscopy. <i>Soil Biology and Biochemistry</i> , 2007, 39, 224-231.	4.2	150
17	Assessment of the nitrogen and carbon budget of two managed temperate grassland fields. <i>Agriculture, Ecosystems and Environment</i> , 2009, 133, 150-162.	2.5	148
18	Intact and managed peatland soils as a source and sink of GHGs from 1850 to 2100. <i>Nature Climate Change</i> , 2019, 9, 945-947.	8.1	137

#	ARTICLE	IF	CITATIONS
19	Biochar in agriculture – A systematic review of 26 global meta-analyses. <i>GCB Bioenergy</i> , 2021, 13, 1708-1730.	2.5	136
20	Organic Farming and Soil Carbon Sequestration: What Do We Really Know About the Benefits?. <i>Ambio</i> , 2010, 39, 585-599.	2.8	124
21	The effect of the tillage system on soil organic carbon content under moist, cold-temperate conditions. <i>Soil and Tillage Research</i> , 2008, 98, 94-105.	2.6	117
22	Decomposition and stabilization of root litter in top- and subsoil horizons: what is the difference?. <i>Plant and Soil</i> , 2011, 338, 127-141.	1.8	114
23	Warming mineralises young and old soil carbon equally. <i>Biogeosciences</i> , 2006, 3, 515-519.	1.3	110
24	Sensitivity of peatland carbon loss to organic matter quality. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	106
25	Thermal stability of black carbon characterised by oxidative differential scanning calorimetry. <i>Organic Geochemistry</i> , 2007, 38, 112-127.	0.9	104
26	Temporal changes in soil pore space CO ₂ concentration and storage under permanent grassland. <i>Agricultural and Forest Meteorology</i> , 2007, 142, 66-84.	1.9	102
27	Storage and turnover of carbon in grassland soils along an elevation gradient in the Swiss Alps. <i>Global Change Biology</i> , 2009, 15, 668-679.	4.2	98
28	Indications for soil organic matter quality in soils under different management. <i>Geoderma</i> , 2002, 105, 243-258.	2.3	97
29	Biogeochemical indicators of peatland degradation – a case study of a temperate bog in northern Germany. <i>Biogeosciences</i> , 2015, 12, 2861-2871.	1.3	97
30	Peatland subsidence and carbon loss from drained temperate fens. <i>Soil Use and Management</i> , 2011, 27, 170-176.	2.6	86
31	Toward the Standardization of Biochar Analysis: The COST Action TD1107 Interlaboratory Comparison. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 513-527.	2.4	86
32	Treeline shifts in the Ural mountains affect soil organic matter dynamics. <i>Global Change Biology</i> , 2009, 15, 1570-1583.	4.2	83
33	Organic carbon and nitrogen in fine soil fractions after treatment with hydrogen peroxide. <i>Soil Biology and Biochemistry</i> , 2001, 33, 2155-2158.	4.2	79
34	Consequences of Conventional versus Organic farming on Soil Carbon: Results from a 27-Year Field Experiment. <i>Agronomy Journal</i> , 2009, 101, 1204-1218.	0.9	79
35	Changes in the chemical composition of soil organic matter after application of compost. <i>European Journal of Soil Science</i> , 2002, 53, 299-309.	1.8	77
36	Alpine grassland soils contain large proportion of labile carbon but indicate long turnover times. <i>Biogeosciences</i> , 2011, 8, 1911-1923.	1.3	77

#	ARTICLE	IF	CITATIONS
37	Below ground carbon inputs to soil via root biomass and rhizodeposition of field-grown maize and wheat at harvest are independent of net primary productivity. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 556-566.	2.5	77
38	Sodium hypochlorite separates an older soil organic matter fraction than acid hydrolysis. <i>Geoderma</i> , 2007, 139, 171-179.	2.3	76
39	Can composition and physical protection of soil organic matter explain soil respiration temperature sensitivity?. <i>Biogeochemistry</i> , 2012, 107, 423-436.	1.7	75
40	Peatland protection and restoration are key for climate change mitigation. <i>Environmental Research Letters</i> , 2020, 15, 104093.	2.2	74
41	Chemical and microbial activation energies of soil organic matter decomposition. <i>Biology and Fertility of Soils</i> , 2014, 50, 147-153.	2.3	73
42	Application of diffuse reflectance FT-IR spectroscopy and partial least-squares regression to predict NMR properties of soil organic matter. <i>European Journal of Soil Science</i> , 2006, 57, 846-857.	1.8	70
43	Thermal alteration of organic matter during a shrubland fire: A field study. <i>Organic Geochemistry</i> , 2010, 41, 690-697.	0.9	69
44	Stable carbon isotopes as indicators for environmental change in peatlands. <i>Biogeosciences</i> , 2011, 8, 1769-1778.	1.3	69
45	Biological activity and organic matter mineralization of soils amended with biowaste composts. <i>Journal of Plant Nutrition and Soil Science</i> , 2002, 165, 151.	1.1	63
46	Relative stability of soil carbon revealed by shifts in $\delta^{15}\text{N}$ and C:N ratio. <i>Biogeosciences</i> , 2008, 5, 123-128.	1.3	62
47	Nitrous oxide emission reduction with greenwaste biochar: comparison of laboratory and field experiments. <i>European Journal of Soil Science</i> , 2014, 65, 128-138.	1.8	62
48	Methodological considerations for using thermal analysis in the characterization of soil organic matter. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 104, 389-398.	2.0	60
49	Maize and wheat root biomass, vertical distribution, and size class as affected by fertilization intensity in two long-term field trials. <i>Field Crops Research</i> , 2018, 216, 197-208.	2.3	60
50	Mobility of black carbon in drained peatland soils. <i>Biogeosciences</i> , 2007, 4, 425-432.	1.3	59
51	How sustainable is organic farming?. <i>Agriculture, Ecosystems and Environment</i> , 2012, 150, 121-122.	2.5	59
52	Control of soil pH on turnover of belowground organic matter in subalpine grassland. <i>Biogeochemistry</i> , 2013, 112, 59-69.	1.7	57
53	Tradeoff of CO ₂ and CH ₄ emissions from global peatlands under water-table drawdown. <i>Nature Climate Change</i> , 2021, 11, 618-622.	8.1	57
54	Organic farming gives no climate change benefit through soil carbon sequestration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E984.	3.3	56

#	ARTICLE	IF	CITATIONS
55	Changes in soil carbon and crop yield over 60 years in the Zurich Organic Fertilization Experiment, following land-use change from grassland to cropland. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 696-704.	1.1	56
56	Evaluation of the long-term effect of biochar on properties of temperate agricultural soil at pre-industrial charcoal kiln sites in Wallonia, Belgium. <i>European Journal of Soil Science</i> , 2017, 68, 80-89.	1.8	55
57	Long-term management effects on soil organic matter in two cold, high-elevation grasslands: clues from fractionation and radiocarbon dating. <i>European Journal of Soil Science</i> , 2009, 60, 230-239.	1.8	54
58	Predicting soil organic matter stability in agricultural fields through carbon and nitrogen stable isotopes. <i>Soil Biology and Biochemistry</i> , 2015, 88, 29-38.	4.2	54
59	Reproducibility of a soil organic carbon fractionation method to derive RothC carbon pools. <i>European Journal of Soil Science</i> , 2013, 64, 735-746.	1.8	51
60	Degradation changes stable carbon isotope depth profiles in peatlands. <i>Biogeosciences</i> , 2014, 11, 3369-3380.	1.3	51
61	Soil organic matter stoichiometry as indicator for peatland degradation. <i>Scientific Reports</i> , 2020, 10, 7634.	1.6	50
62	Simulating decomposition of labile soil organic carbon: Effects of pH. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2948-2951.	4.2	48
63	Effects of Land-Use Change on Carbon Stocks in Switzerland. <i>Ecosystems</i> , 2008, 11, 895-907.	1.6	47
64	Long term change in chemical properties of preindustrial charcoal particles aged in forest and agricultural temperate soil. <i>Organic Geochemistry</i> , 2017, 107, 33-45.	0.9	47
65	Loss of soil organic carbon in Swiss long-term agricultural experiments over a wide range of management practices. <i>Agriculture, Ecosystems and Environment</i> , 2019, 286, 106654.	2.5	47
66	Biochar affects community composition of nitrous oxide reducers in a field experiment. <i>Soil Biology and Biochemistry</i> , 2018, 119, 143-151.	4.2	46
67	Peat decomposability in managed organic soils in relation to land use, organic matter composition and temperature. <i>Biogeosciences</i> , 2018, 15, 703-719.	1.3	45
68	Designing biochar properties through the blending of biomass feedstock with metals: Impact on oxyanions adsorption behavior. <i>Chemosphere</i> , 2019, 214, 743-753.	4.2	44
69	Bioavailability and isotopic composition of CO ₂ released from incubated soil organic matter fractions. <i>Soil Biology and Biochemistry</i> , 2014, 69, 168-178.	4.2	41
70	Large uncertainty in soil carbon modelling related to method of calculation of plant carbon input in agricultural systems. <i>European Journal of Soil Science</i> , 2017, 68, 953-963.	1.8	41
71	Free and protected soil organic carbon dynamics respond differently to abandonment of mountain grassland. <i>Biogeosciences</i> , 2012, 9, 853-865.	1.3	40
72	Effect of biochar and liming on soil nitrous oxide emissions from a temperate maize cropping system. <i>Soil</i> , 2015, 1, 707-717.	2.2	36

#	ARTICLE	IF	CITATIONS
73	Pyrogenic Carbon Contributes Substantially to Carbon Storage in Intact and Degraded Northern Peatlands. <i>Land Degradation and Development</i> , 2018, 29, 2082-2091.	1.8	35
74	A comparison of repeated soil inventory and carbon flux budget to detect soil carbon stock changes after conversion from cropland to grasslands. <i>Global Change Biology</i> , 2011, 17, 3366-3375.	4.2	33
75	Soil microbial communities in (sub)alpine grasslands indicate a moderate shift towards new environmental conditions 11 years after soil translocation. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1148-1154.	4.2	33
76	Organic carbon and microbial biomass in two soil development chronosequences following glacial retreat. <i>European Journal of Soil Science</i> , 2007, 58, 758-762.	1.8	32
77	Historical soil amendment with charcoal increases sequestration of non-charcoal carbon: a comparison among methods of black carbon quantification. <i>European Journal of Soil Science</i> , 2016, 67, 324-331.	1.8	32
78	Soil Organic Carbon (SOC) Equilibrium and Model Initialisation Methods: an Application to the Rothamsted Carbon (RothC) Model. <i>Environmental Modeling and Assessment</i> , 2017, 22, 215-229.	1.2	31
79	Turnover of Grassland Roots in Mountain Ecosystems Revealed by Their Radiocarbon Signature: Role of Temperature and Management. <i>PLoS ONE</i> , 2015, 10, e0119184.	1.1	30
80	Effect of management and weather variations on the greenhouse gas budget of two grasslands during a 10-year experiment. <i>Agriculture, Ecosystems and Environment</i> , 2020, 292, 106814.	2.5	28
81	Environmental benefits and risks of biochar application to soil. <i>Agriculture, Ecosystems and Environment</i> , 2014, 191, 1-4.	2.5	27
82	Restricting the nonlinearity parameter in soil greenhouse gas flux calculation for more reliable flux estimates. <i>PLoS ONE</i> , 2018, 13, e0200876.	1.1	27
83	Achievable agricultural soil carbon sequestration across Europe from country-specific estimates. <i>Global Change Biology</i> , 2021, 27, 6363-6380.	4.2	27
84	Thermal stability responses of soil organic matter to long-term fertilization practices. <i>Biogeosciences</i> , 2006, 3, 371-374.	1.3	26
85	Organic matter losses from temperate ombrotrophic peatlands: an evaluation of the ash residue method. <i>Plant and Soil</i> , 2011, 341, 349-361.	1.8	26
86	A comparison of two methods for the isolation of free and occluded particulate organic matter. <i>Journal of Plant Nutrition and Soil Science</i> , 2005, 168, 660-667.	1.1	25
87	Land-use change in subalpine grassland soils: Effect on particulate organic carbon fractions and aggregation. <i>Journal of Plant Nutrition and Soil Science</i> , 2012, 175, 401-409.	1.1	24
88	Overestimation of Crop Root Biomass in Field Experiments Due to Extraneous Organic Matter. <i>Frontiers in Plant Science</i> , 2017, 8, 284.	1.7	24
89	Organo-mineral associations largely contribute to the stabilization of century-old pyrogenic organic matter in cropland soils. <i>Geoderma</i> , 2021, 388, 114841.	2.3	24
90	Temperature sensitivity of young and old soil carbon – Same soil, slight differences in ¹³ C natural abundance method, inconsistent results. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2703-2705.	4.2	23

#	ARTICLE	IF	CITATIONS
91	On the heterogeneity of biochar and consequences for its representative sampling. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 107, 25-30.	2.6	23
92	Distribution of nitrous oxide emissions from managed organic soils under different land uses estimated by the peat C/N ratio to improve national GHG inventories. <i>Science of the Total Environment</i> , 2018, 631-632, 23-26.	3.9	23
93	Sustainable management of cultivated peatlands in Switzerland: Insights, challenges, and opportunities. <i>Land Use Policy</i> , 2019, 87, 104019.	2.5	22
94	Microaggregates in agricultural soils and their size distribution determined by X-ray attenuation. <i>European Journal of Soil Science</i> , 2003, 54, 167-174.	1.8	19
95	Calculating carbon changes in peat soils drained for forestry with four different profile-based methods. <i>Forest Ecology and Management</i> , 2016, 381, 29-36.	1.4	19
96	Prologue paper: Soil carbon losses from land-use change and the global agricultural greenhouse gas budget. <i>Science of the Total Environment</i> , 2013, 465, 3-6.	3.9	18
97	Amount and stability of recent and aged plant residues in degrading peatland soils. <i>Soil Biology and Biochemistry</i> , 2017, 109, 167-175.	4.2	18
98	Stabilization of Composted Organic Matter after Application to a Humus-Free Sandy Mining Soil. <i>Journal of Environmental Quality</i> , 2001, 30, 602-607.	1.0	17
99	Palsa Uplift Identified by Stable Isotope Depth Profiles and Relation of $\delta^{15}\text{N}$ to C/N Ratio. <i>Permafrost and Periglacial Processes</i> , 2017, 28, 485-492.	1.5	17
100	Calorimetric characterization of grass during its decomposition. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 93, 651-655.	2.0	16
101	N use efficiencies and $\text{N}_{2\text{O}}$ emissions in two contrasting, biochar amended soils under winter wheat cover crop sorghum rotation. <i>Environmental Research Letters</i> , 2016, 11, 084013.	2.2	16
102	Response of peat decomposition to corn straw addition in managed organic soils. <i>Geoderma</i> , 2018, 309, 75-83.	2.3	15
103	Switch of fungal to bacterial degradation in natural, drained and rewetted oligotrophic peatlands reflected in $\delta^{15}\text{N}$ and fatty acid composition. <i>Soil</i> , 2020, 6, 299-313.	2.2	15
104	Wood Ash as an Additive in Biomass Pyrolysis: Effects on Biochar Yield, Properties, and Agricultural Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2720-2729.	3.2	15
105	Current approaches neglect possible agricultural cutback under large-scale organic farming. A comment to Ponisio <i>et al.</i> .. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20151623.	1.2	14
106	Quantifying negative radiative forcing of non-permanent and permanent soil carbon sinks. <i>Geoderma</i> , 2022, 423, 115971.	2.3	13
107	Biased ^{14}C -derived organic carbon turnover estimates following black carbon input to soil: an exploration with RothC. <i>Biogeochemistry</i> , 2008, 88, 205-211.	1.7	12
108	Parametrization consequences of constraining soil organic matter models by total carbon and radiocarbon using long-term field data. <i>Biogeosciences</i> , 2016, 13, 3003-3019.	1.3	12

#	ARTICLE	IF	CITATIONS
109	Carbon storage in agricultural topsoils and subsoils is promoted by including temporary grasslands into the crop rotation. <i>Geoderma</i> , 2022, 422, 115937.	2.3	12
110	A new facet of soil organic matter. <i>Agriculture, Ecosystems and Environment</i> , 2014, 185, 186-187.	2.5	11
111	Greenhouse gas emissions from Swiss agriculture since 1990: implications for environmental policies to mitigate global warming. <i>Environmental Science and Policy</i> , 2005, 8, 410-417.	2.4	10
112	Soil carbon loss from drained agricultural peatland after coverage with mineral soil. <i>Science of the Total Environment</i> , 2021, 800, 149498.	3.9	10
113	Carbon storage and soil property changes following afforestation in mountain ecosystems of the Western Rhodopes, Bulgaria. <i>IForest</i> , 2016, 9, 626-634.	0.5	10
114	Comments on "Recalcitrant soil organic materials mineralize more efficiently at higher temperatures" by R. Bol, T. Bolger, R. Cully, and D. Little; <i>J. Plant Nutr. Soil Sci</i> 166, 300-307 (2003). <i>Journal of Plant Nutrition and Soil Science</i> , 2003, 166, 777-778.	1.1	9
115	Age and Thermal Stability of Particulate Organic Matter Fractions Indicate the Presence of Black Carbon in Soil. <i>Radiocarbon</i> , 2015, 57, 99-107.	0.8	9
116	Soils as sources and sinks of greenhouse gases. <i>Geological Society Special Publication</i> , 2006, 266, 23-44.	0.8	8
117	Carbohydrates and thermal properties indicate a decrease in stable aggregate carbon following forest colonization of mountain grassland. <i>Soil Biology and Biochemistry</i> , 2015, 86, 135-145.	4.2	8
118	Land use-driven historical soil carbon losses in Swiss peatlands. <i>Landscape Ecology</i> , 2020, 35, 173-187.	1.9	8
119	Biochar and short-term N ₂ O and CO ₂ emission from plant residue-amended soil with different fertilisation history. <i>Zemdirbyste</i> , 2019, 106, 99-106.	0.3	8
120	$\delta^{14}\text{C}$ in cropland soil of a long-term field trial "experimental variability and implications for estimating carbon turnover. <i>Soil</i> , 2015, 1, 537-542.	2.2	7
121	MAGGnet: An international network to foster mitigation of agricultural greenhouse gases. <i>Carbon Management</i> , 2016, 7, 243-248.	1.2	7
122	Consequences of planned afforestation versus natural forest regrowth after disturbance for soil C stocks in Eastern European mountains. <i>Geoderma</i> , 2017, 297, 19-27.	2.3	7
123	Relationship between greenhouse gas emissions and changes in soil gas diffusivity in a field experiment with biochar and lime. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 667-675.	1.1	7
124	Characterizing ecosystem-driven chemical composition differences in natural and drained Finnish bogs using pyrolysis-GC/MS. <i>Organic Geochemistry</i> , 2022, 165, 104351.	0.9	7
125	Proper estimate of residue input as condition for understanding drivers of soil carbon dynamics. <i>Global Change Biology</i> , 2017, 23, 4455-4456.	4.2	6
126	Rewetting and Drainage of Nutrient-Poor Peatlands Indicated by Specific Bacterial Membrane Fatty Acids and a Repeated Sampling of Stable Isotopes ($\delta^{15}\text{N}$, $\delta^{13}\text{C}$). <i>Frontiers in Environmental Science</i> , 2021, 9,	1.5	6

#	ARTICLE	IF	CITATIONS
127	Low-input farming: a way towards climate-friendly agriculture?. Carbon Management, 2013, 4, 31-41.	1.2	5
128	Reduced Nitrous Oxide Emissions From Drained Temperate Agricultural Peatland After Coverage With Mineral Soil. Frontiers in Environmental Science, 2022, 10, .	1.5	5
129	Identification of thermal signature and quantification of charcoal in soil using differential scanning calorimetry and benzene polycarboxylic acid (BPCA) markers. Soil, 2022, 8, 451-466.	2.2	4
130	$\delta^{15}\text{N}$ natural abundance in permafrost soil indicates impact of fire on nitrogen cycle. Rapid Communications in Mass Spectrometry, 2011, 25, 661-664.	0.7	3
131	Concurrent increase in $\delta^{15}\text{N}$ and radiocarbon age in soil density fractions. Journal of Plant Nutrition and Soil Science, 2013, 176, 505-508.	1.1	3
132	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
133	Accumulation of C_4 carbon from Miscanthus in organic matter-rich soils. GCB Bioenergy, 2021, 13, 1319-1328.	2.5	3
134	Thermal analysis of mineral soils before and after oxidation with sodium hypochlorite. Journal of Thermal Analysis and Calorimetry, 2006, 86, 845-848.	2.0	2
135	Carbon budget response of an agriculturally used fen to different soil moisture conditions. Agricultural and Forest Meteorology, 2021, 300, 108319.	1.9	2
136	Formation and decay of peat bogs in the vegetable belt of Switzerland. Swiss Journal of Geosciences, 2021, 114, .	0.5	2
137	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
138	A Microcosm System to Determine the Gas Production of Arable Soils Amended with Different Composts. , 1996, , 1335-1338.		2
139	Stable isotopes ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$) and biomarkers as indicators of the hydrological regime of fens in a European east-west transect. Science of the Total Environment, 2022, 838, 156603.	3.9	2
140	Response to Interpreting the ash trend within ombrotrophic bog profiles: atmospheric dust depositions vs. mineralization processes. The Etang de la Gruère case study. Plant and Soil, 2012, 353, 11-14.	1.8	1