Karsten Kalbitz

List of Publications by Year
in descending order

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147 papers	14,789 citations	34105 52 h-index	19190 118 g-index
150 all docs	150 docs citations	150 times ranked	11582 citing authors

#	Article	IF	Citations
1	CONTROLS ON THE DYNAMICS OF DISSOLVED ORGANIC MATTER IN SOILS: A REVIEW. Soil Science, 2000, 165, 277-304.	0.9	1,896
2	Biogeochemistry of paddy soils. Geoderma, 2010, 157, 1-14.	5.1	912
3	Organoâ€mineral associations in temperate soils: Integrating biology, mineralogy, and organic matter chemistry. Journal of Plant Nutrition and Soil Science, 2008, 171, 61-82.	1.9	892
4	Controls of bioavailability and biodegradability of dissolved organic matter in soils. Geoderma, 2003, 113, 211-235.	5.1	767
5	Biodegradation of soil-derived dissolved organic matter as related to its properties. Geoderma, 2003, 113, 273-291.	5.1	693
6	How relevant is recalcitrance for the stabilization of organic matter in soils?. Journal of Plant Nutrition and Soil Science, 2008, 171, 91-110.	1.9	586
7	Cycling downwards â€“ dissolved organic matter in soils. Soil Biology and Biochemistry, 2012, 52, 29-32.	8.8	551
8	Title is missing!. Biogeochemistry, 2001, 52, 173-205.	3.5	514
9	Mobilization of heavy metals and arsenic in polluted wetland soils and its dependence on dissolved organic matter. Science of the Total Environment, 1998, 209, 27-39.	8.0	376
10	Biodegradation of forest floor organic matter bound to minerals via different binding mechanisms. Geochimica Et Cosmochimica Acta, 2007, 71, 2569-2590.	3.9	371
11	Stabilization mechanisms of organic matter in four temperate soils: Development and application of a conceptual model. Journal of Plant Nutrition and Soil Science, 2008, 171, 111-124.	1.9	367
12	Stabilization of dissolved organic matter by sorption to the mineral soil. Soil Biology and Biochemistry, 2005, 37, 1319-1331.	8.8	358
13	Changes in properties of soil-derived dissolved organic matter induced by biodegradation. Soil Biology and Biochemistry, 2003, 35, 1129-1142.	8.8	353
14	Contribution of dissolved organic matter to carbon storage in forest mineral soils. Journal of Plant Nutrition and Soil Science, 2008, 171, 52-60.	1.9	282
15	Amounts and degradability of dissolved organic carbon from foliar litter at different decomposition stages. Soil Biology and Biochemistry, 2005, 37, 2171-2179.	8.8	199
16	A new conceptual model for the fate of lignin in decomposing plant litter. Ecology, 2011, 92, 1052-1062.	3.2	198
17	Linking soil biodiversity and agricultural soil management. Current Opinion in Environmental Sustainability, 2012, 4, 523-528.	6.3	190
18	A comparison of methods to determine the biodegradable dissolved organic carbon from different terrestrial sources. Soil Biology and Biochemistry, 2006, 38, 1933-1942.	8.8	184

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19	Separation of light and heavy organic matter fractions in soil â€" Testing for proper density cut-off and dispersion level. Geoderma, 2012, 170, 403-416.	5.1	170
20	Precipitation of Dissolved Organic Matter by Aluminum Stabilizes Carbon in Acidic Forest Soils. Soil Science Society of America Journal, 2007, 71, 64-74.	2.2	143
21	Soil aggregation and the stabilization of organic carbon as affected by erosion and deposition. Soil Biology and Biochemistry, 2014, 72, 55-65.	8.8	134
22	Lignin degradation controls the production of dissolved organic matter in decomposing foliar litter. European Journal of Soil Science, 2006, 57, 504-516.	3.9	133
23	Dissolved organic matter in small streams along a gradient from discontinuous to continuous permafrost. Global Change Biology, 2004, 10, 1576-1586.	9.5	127
24	Title is missing!. Biogeochemistry, 2001, 55, 327-349.	3.5	125
25	Resource control on the production of dissolved organic carbon and nitrogen in a deciduous forest floor. Soil Biology and Biochemistry, 2002, 34, 813-822.	8.8	121
26	Sorptive stabilization of organic matter by amorphous Al hydroxide. Geochimica Et Cosmochimica Acta, 2010, 74, 1606-1619.	3.9	116
27	Dissolved organic matter properties and their relationship to carbon dioxide efflux from restored peat bogs. Geoderma, 2003, 113, 397-411.	5.1	112
28	Response of dissolved organic matter in the forest floor to long-term manipulation of litter and throughfall inputs. Biogeochemistry, 2007, 86, 301-318.	3.5	107
29	Heavy metal concentrations in particle size fractions from street dust of Murcia (Spain) as the basis for risk assessment. Journal of Environmental Monitoring, 2011, 13, 3087.	2.1	104
30	Different effects of peat degradation on dissolved organic carbon and nitrogen. Organic Geochemistry, 2002, 33, 319-326.	1.8	101
31	Tamm Review: Sequestration of carbon from coarse woody debris in forest soils. Forest Ecology and Management, 2016, 377, 1-15.	3.2	101
32	Stabilization of extracellular polymeric substances (Bacillus subtilis) by adsorption to and coprecipitation with Al forms. Geochimica Et Cosmochimica Acta, 2011, 75, 3135-3154.	3.9	98
33	Application of solid-phase microextraction and gas chromatography with electron-capture and mass spectrometric detection for the determination of hexachlorocyclohexanes in soil solutions. Journal of Chromatography A, 1994, 687, 133-140.	3.7	93
34	Effect of leaf litter degradation and seasonality on D/H isotope ratios of n-alkane biomarkers. Geochimica Et Cosmochimica Acta, 2011, 75, 4917-4928.	3.9	87
35	The carbon count of 2000Âyears of rice cultivation. Global Change Biology, 2013, 19, 1107-1113.	9.5	85
36	Molecular Features of Humic Acids and Fulvic Acids from Contrasting Environments. Environmental Science & Technology, 2017, 51, 1330-1339.	10.0	85

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37	Amounts of carbon mineralised and leached as DOC during decomposition of Norway spruce needles and fine roots. Soil Biology and Biochemistry, 2010, 42, 178-185.	8.8	82
38	Multiple exchange processes on mineral surfaces control the transport of dissolved organic matter through soil profiles. Soil Biology and Biochemistry, 2018, 118, 79-90.	8.8	82
39	Aggregate size distribution in a biochar-amended tropical Ultisol under conventional hand-hoe tillage. Soil and Tillage Research, 2017, 165, 190-197.	5.6	78
40	Effects of aluminium on the mineralization of dissolved organic carbon derived from forest floors. European Journal of Soil Science, 2003, 54, 311-322.	3.9	77
41	Contrasting evolution of iron phase composition in soils exposed to redox fluctuations. Geochimica Et Cosmochimica Acta, 2018, 235, 89-102.	3.9	77
42	Characteristics of dissolved organic matter following 20years of peatland restoration. Science of the Total Environment, 2009, 408, 78-83.	8.0	73
43	Clear-cutting of a Norway spruce stand: implications for controls on the dynamics of dissolved organic matter in the forest floor. European Journal of Soil Science, 2004, 55, 401-413.	3.9	71
44	Carbon mineralization and properties of water-extractable organic carbon in soils of the south Loess Plateau in China. European Journal of Soil Biology, 2008, 44, 158-165.	3.2	71
45	Partitioning of heavy metals over different chemical fraction in street dust of Murcia (Spain) as a basis for risk assessment. Journal of Geochemical Exploration, 2014, 144, 298-305.	3.2	66
46	Î²-HCH mobilization in polluted wetland soils as influenced by dissolved organic matter. Science of the Total Environment, 1997, 204, 37-48.	8.0	65
47	Assessment of salinity status in intensively cultivated soils under semiarid climate, Murcia, SE Spain. Journal of Arid Environments, 2011, 75, 1056-1066.	2.4	61
48	Properties of organic matter in soil solution in a German fen area as dependent on land use and depth. Geoderma, 2001, 104, 203-214.	5.1	60
49	CONCENTRATIONS AND PROPERTIES OF DISSOLVED ORGANIC MATTER IN FOREST SOILS AS AFFECTED BY THE REDOX REGIME. Soil Science, 2003, 168, 793-801.	0.9	57
50	Stabilization of dissolved organic matter by aluminium: a toxic effect or stabilization through precipitation?. European Journal of Soil Science, 2008, 59, 1122-1132.	3.9	57
51	Redox control on carbon mineralization and dissolved organic matter along a chronosequence of paddy soils. European Journal of Soil Science, 2013, 64, 476-487.	3.9	55
52	Dissolved Organic Matter: Linking Soils and Aquatic Systems. Vadose Zone Journal, 2014, 13, 1-4.	2.2	55
53	Mineralization of dissolved organic carbon in mineral soil solution of two forest soils. Journal of Plant Nutrition and Soil Science, 2003, 166, 585-593.	1.9	54
54	Stability of organic matter in soils of the Belgian Loess Belt upon erosion and deposition. European Journal of Soil Science, 2013, 64, 219-228.	3.9	53

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55	Succession of Bacterial Communities in a Seasonally Stratified Lake with an Anoxic and Sulfidic Hypolimnion. Frontiers in Microbiology, 2017, 8, 2511.	3.5	50
56	Properties of organic matter precipitated from acidic forest soil solutions. Organic Geochemistry, 2008, 39, 1439-1453.	1.8	48
57	Ammonia and nitrous oxide emissions from a field Ultisol amended with tithonia green manure, urea, and biochar. Biology and Fertility of Soils, 2019, 55, 135-148.	4.3	46
58	Processes controlling the production of aromatic water-soluble organic matter during litter decomposition. Soil Biology and Biochemistry, 2013, 67, 133-139.	8.8	45
59	Gone or just out of sight? The apparent disappearance of aromatic litter components in soils. Soil, 2016, 2, 325-335.	4.9	45
60	Soil Organic Carbon Redistribution by Water Erosion â€“ The Role of CO2 Emissions for the Carbon Budget. PLoS ONE, 2014, 9, e96299.	2.5	42
61	Ant-mediated effects on spruce litter decomposition, solution chemistry, and microbial activity. Soil Biology and Biochemistry, 2006, 38, 561-572.	8.8	39
62	No rapid soil carbon loss after a windthrow event in the High Tatra. Forest Ecology and Management, 2012, 276, 239-246.	3.2	38
63	N₂O and CH₄ emission from soil amended with steamâ€activated biochar. Journal of Plant Nutrition and Soil Science, 2014, 177, 34-38.	1.9	38
64	Relevance of aboveground litter for soil organic matter formation â€“ a soil profile perspective. Biogeosciences, 2020, 17, 3099-3113.	3.3	37
65	A new conceptual model for the fate of lignin in decomposing plant litter. Ecology, 2011, 92, 1052-1062.	3.2	37
66	Long-term development of nitrogen fluxes in a coniferous ecosystem: Does soil freezing trigger nitrate leaching?. Journal of Plant Nutrition and Soil Science, 2007, 170, 189-196.	1.9	36
67	Absence of oxygen isotope fractionation/exchange of (hemi-) cellulose derived sugars during litter decomposition. Organic Geochemistry, 2012, 42, 1470-1475.	1.8	36
68	Response of Vertisols, Andosols, and Alisols to paddy management. Geoderma, 2016, 261, 23-35.	5.1	36
69	Fulvic acid composition in degraded fenlands. Journal of Plant Nutrition and Soil Science, 2001, 164, 371.	1.9	35
70	Microbial immobilization and mineralization of dissolved organic nitrogen from forest floors. Soil Biology and Biochemistry, 2011, 43, 1742-1745.	8.8	35
71	Humification indices of water-soluble fulvic acids derived from synchronous fluorescence spectra â€” effects of spectrometer type and concentration. Journal of Plant Nutrition and Soil Science, 2001, 164, 259-265.	1.9	34
72	An analytical method for determination of fullerenes and functionalized fullerenes in soils with high performance liquid chromatography and UV detection. Analytica Chimica Acta, 2014, 807, 159-165.	5.4	33

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73	Small scale variability of vertical water and dissolved organic matter fluxes in sandy Cambisol subsoils as revealed by segmented suction plates. Biogeochemistry, 2016, 131, 1-15.	3.5	32
74	Iron oxides and aluminous clays selectively control soil carbon storage and stability in the humid tropics. Scientific Reports, 2021, 11, 5076.	3.3	32
75	LAND USE IMPACTS ON THE ISOTOPIC SIGNATURE (13C, 14C, 15N) OF WATER-SOLUBLE FULVIC ACIDS IN A GERMAN FEN AREA. Soil Science, 2000, 165, 728-736.	0.9	32
76	Effects of clay minerals, hydroxides, and timing of dissolved organic matter addition on the competitive sorption of copper, nickel, and zinc: A column experiment. Journal of Environmental Management, 2017, 187, 273-285.	7.8	31
77	EinfluÃŸ der Bodeneigenschaften auf die Freisetzung der gelÃ¶sten organischen Substanz (DOM) aus dem Oberboden. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1997, 160, 475-483.	0.4	30
78	Robust analysis of underivatized free amino acids in soil by hydrophilic interaction liquid chromatography coupled with electrospray tandem mass spectrometry. Journal of Chromatography A, 2016, 1449, 78-88.	3.7	30
79	A study of lignin degradation in leaf and needle litter using 13C-labelled tetramethylammonium hydroxide (TMAH) thermochemolysis: Comparison with CuO oxidation and van Soest methods. Organic Geochemistry, 2011, 42, 1271-1278.	1.8	29
80	Long-term litter input manipulation effects on production and properties of dissolved organic matter in the forest floor of a Norway spruce stand. Plant and Soil, 2012, 355, 407-416.	3.7	29
81	From Agricultural Byproducts to Value-Added Materials: Wheat Straw-Based Hydrogels as Soil Conditioners?. ACS Sustainable Chemistry and Engineering, 2019, 7, 8604-8612.	6.7	28
82	Increased silicon concentration in fen peat leads to a release of iron and phosphate and changes in the composition of dissolved organic matter. Geoderma, 2020, 374, 114422.	5.1	28
83	Short-term response on the quantity and quality of rhizo-deposited carbon from Norway spruce exposed to low and high N inputs. Journal of Plant Nutrition and Soil Science, 2005, 168, 687-693.	1.9	26
84	The multilayer model of soil mineralâ€“organic interfacesâ€”a review. Journal of Plant Nutrition and Soil Science, 2020, 183, 27-41.	1.9	26
85	Consistency of plant-specific n-alkane patterns in plaggen ecosystems: A review. Holocene, 2013, 23, 1355-1368.	1.7	25
86	The Role of Dissolved Organic Matter in Adsorbing Heavy Metals in Clayâ€Rich Soils. Vadose Zone Journal, 2014, 13, 1-12.	2.2	25
87	Differences in activity and N demand between bacteria and fungi in a microcosm incubation experiment with selective inhibition. Applied Soil Ecology, 2016, 99, 29-39.	4.3	25
88	Ecological aspects of dissolved organic matter in soils. Geoderma, 2003, 113, 177-178.	5.1	24
89	Emissions intensity and carbon stocks of a tropical Ultisol after amendment with Tithonia green manure, urea and biochar. Field Crops Research, 2017, 209, 179-188.	5.1	24
90	Importance of substrate quality and clay content on microbial extracellular polymeric substances production and aggregate stability in soils. Biology and Fertility of Soils, 2022, 58, 435-457.	4.3	24

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91	A novel highâ€temperature combustion based system for stable isotope analysis of dissolved organic carbon in aqueous samples. II: optimization and assessment of analytical performance. Rapid Communications in Mass Spectrometry, 2014, 28, 2574-2586.	1.5	22
92	Control of Soil Extracellular Enzyme Activities by Clay Mineralsâ€"Perspectives on Microbial Responses. Soil Systems, 2019, 3, 64.	2.6	22
93	Soil organic carbon content and mineralization controlled by the composition, origin and molecular diversity of organic matter: A study in tropical alpine grasslands. Soil and Tillage Research, 2022, 215, 105203.	5.6	22
94	Plant functional types and temperature control carbon input via roots in peatland soils. Plant and Soil, 2019, 438, 19-38.	3.7	20
95	An examination of the role of biochar and biochar water-extractable substances on the sorption of ionizable herbicides in rice paddy soils. Science of the Total Environment, 2020, 706, 135682.	8.0	20
96	Identifying and quantifying geogenic organic carbon in soils â€“ the case of graphite. Soil, 2019, 5, 383-398.	4.9	19
97	Competition and surface conditioning alter the adsorption of phenolic and amino acids on soil minerals. European Journal of Soil Science, 2017, 68, 667-677.	3.9	18
98	Tracing organic carbon and microbial community structure in mineralogically different soils exposed to redox fluctuations. Biogeochemistry, 2019, 143, 31-54.	3.5	18
99	Importance of microbial communities at the root-soil interface for extracellular polymeric substances and soil aggregation in semiarid grasslands. Soil Biology and Biochemistry, 2021, 159, 108301.	8.8	18
100	Stable hydrogen and carbon isotope ratios of methoxyl groups during plant litter degradation. Isotopes in Environmental and Health Studies, 2015, 51, 143-154.	1.0	17
101	Prokaryotic Community Composition and Extracellular Polymeric Substances Affect Soil Microaggregation in Carbonate Containing Semiarid Grasslands. Frontiers in Environmental Science, 2020, 8, .	3.3	17
102	A method for the determination of fullerenes in soil and sediment matrices using ultra-high performance liquid chromatography coupled with heated electrospray quadrupole time of flight mass spectrometry. Journal of Chromatography A, 2016, 1433, 123-130.	3.7	16
103	Contributions of terrestrial organic carbon to northern lake sediments. Limnology and Oceanography Letters, 2017, 2, 218-227.	3.9	16
104	Nitrogen turnover and N2O/N2 ratio of three contrasting tropical soils amended with biochar. Geoderma, 2019, 348, 12-20.	5.1	16
105	Lithology controlled soil organic carbon stabilization in an alpine grassland of the Peruvian Andes. Environmental Earth Sciences, 2020, 79, 1.	2.7	16
106	Vascular plants affect properties and decomposition of moss-dominated peat, particularly at elevated temperatures. Biogeosciences, 2020, 17, 4797-4813.	3.3	16
107	Effects of nitrogen fertilizer on the composition of maize roots and their decomposition at different soil depths. European Journal of Soil Biology, 2015, 67, 43-50.	3.2	15
108	Fate and stability of dissolved organic carbon in topsoils and subsoils under beech forests. Biogeochemistry, 2020, 148, 111-128.	3.5	15

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109	Lithology- and climate-controlled soil aggregate-size distribution and organic carbon stability in the Peruvian Andes. Soil, 2020, 6, 1-15.	4.9	15
110	Selective stabilization of soil fatty acids related to their carbon chain length and presence of double bonds in the Peruvian Andes. Geoderma, 2020, 373, 114414.	5.1	15
111	Analysis of fullerenes in soils samples collected in The Netherlands. Environmental Pollution, 2016, 219, 47-55.	7.5	14
112	Linking thermogravimetric data with soil organic carbon fractions. Geoderma, 2020, 362, 114124.	5.1	14
113	Contribution of organic amendments to soil organic matter detected by thermogravimetry. Journal of Plant Nutrition and Soil Science, 2018, 181, 664-674.	1.9	13
114	Baltic Sea sediments record anthropogenic loads of Cd, Pb, and Zn. Environmental Science and Pollution Research, 2021, 28, 6162-6175.	5.3	13
115	Persistent Activities of Extracellular Enzymes Adsorbed to Soil Minerals. Microorganisms, 2020, 8, 1796.	3.6	12
116	Resilience in coastal dune grasslands: pH and soil organic matter effects on P nutrition, plant strategies, and soil communities. Ecosphere, 2020, 11, e03112.	2.2	12
117	Extraction and Characterization of Dissolved Organic Matter. , 2007, , .		12
118	Nonâ€target screening of leaf litterâ€derived dissolved organic matter using liquid chromatography coupled to highâ€resolution mass spectrometry (LCâ€QTOFâ€MS). European Journal of Soil Science, 2020, 71, 420-432.	3.9	11
119	Microbial Utilisation of Aboveground Litter-Derived Organic Carbon Within a Sandy Dystric Cambisol Profile. Frontiers in Soil Science, 2021, 1, .	2.2	11
120	Filtering fens: Mechanisms explaining phosphorus-limited hotspots of biodiversity in wetlands adjacent to heavily fertilized areas. Science of the Total Environment, 2014, 481, 129-141.	8.0	10
121	Clay minerals of Pliocene deposits and their potential use for the purification of polluted wastewater in the Sohag area, Egypt. Geoderma Regional, 2015, 5, 215-225.	2.1	9
122	Influence of Organo-Metal Interactions on Regeneration of Exhausted Clay Mineral Sorbents in Soil Columns Loaded with Heavy Metals. Pedosphere, 2017, 27, 579-587.	4.0	9
123	Effects of development stage on organic matter transformation in Podzols. Geoderma, 2020, 378, 114625.	5.1	9
124	Lignin properties in topsoils of a beech/oak forest after 8Âyears of manipulated litter fall: relevance of altered input and oxidation of lignin. Plant and Soil, 2013, 367, 579-589.	3.7	8
125	Response of Dissolved Organic Matter in the Forest Floor of a Temperate Spruce Stand to Increasing Throughfall. Vadose Zone Journal, 2014, 13, 1-5.	2.2	8
126	Nitrate decline unlikely to have triggered release of dissolved organic carbon and phosphate to streams. Global Change Biology, 2017, 23, 2535-2536.	9.5	8

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127	The long-term fate of deposited nitrogen in temperate forest soils. Biogeochemistry, 2020, 150, 1-15.	3.5	8
128	Vertical mobility of pyrogenic organic matter in soils: a column experiment. Biogeosciences, 2020, 17, 6457-6474.	3.3	8
129	Effects of platinum from vehicle exhaust catalyst on carbon and nitrogen mineralization in soils. Science of the Total Environment, 2008, 405, 239-245.	8.0	7
130	Precipitation of enzymes and organic matter by aluminumâ€"Impacts on carbon mineralization. Journal of Plant Nutrition and Soil Science, 2008, 171, 900-907.	1.9	7
131	Erosional effects on distribution and bioavailability of soil nitrogen fractions in Belgian Loess Belt. Geoderma, 2020, 365, 114231.	5.1	7
132	Biogeochemical limitations of carbon stabilization in forest subsoils[#]. Journal of Plant Nutrition and Soil Science, 2022, 185, 35-43.	1.9	7
133	Impact of land use on soil organic carbon stocks in the humid tropics of NE Tanzania. Journal of Plant Nutrition and Soil Science, 2019, 182, 625-636.	1.9	6
134	Women's agricultural practices and their effects on soil nutrient content in the Nyalenda urban gardens of Kisumu, Kenya. Soil, 2019, 5, 303-313.	4.9	6
135	Effects of throughfall and litterfall manipulation on concentrations of methylmercury and mercury in forest-floor percolates. Journal of Plant Nutrition and Soil Science, 2007, 170, 373-377.	1.9	5
136	A combined microbial and ecosystem metric of carbon retention efficiency explains land cover-dependent soil microbial biodiversityâ€"ecosystem function relationships. Biogeochemistry, 2021, 153, 1-15.	3.5	5
137	Dynamics of Leaf- and Root-Specific Biomarkers during 1-Year of Litter Decomposition. Forests, 2021, 12, 1732.	2.1	5
138	Global CO2 fertilization of Sphagnum peat mosses via suppression of photorespiration during the twentieth century. Scientific Reports, 2021, 11, 24517.	3.3	5
139	Microbial properties in tropical montane forest soils developed from contrasting parent materialâ€"An incubation experiment. Journal of Plant Nutrition and Soil Science, 2022, 185, 807-820.	1.9	5
140	The glacialâ€"terrestrialâ€"fluvial pathway: A multiparametrical analysis of spatiotemporal dissolved organic matter variation in three catchments of Lake Nam Co, Tibetan Plateau. Science of the Total Environment, 2022, 838, 156542.	8.0	5
141	Detectability of degradable organic matter in agricultural soils by thermogravimetry. Journal of Plant Nutrition and Soil Science, 2019, 182, 729-740.	1.9	4
142	Aboveâ€•to belowground carbon allocation in peatlands shifts with plant functional type and temperature[#]. Journal of Plant Nutrition and Soil Science, 2022, 185, 98-109.	1.9	4
143	Mineralization of Eroded Organic Carbon Transported from a Loess Soil into Water. Soil Science Society of America Journal, 2014, 78, 1362-1367.	2.2	3
144	Incubation of solid state C 60 fullerene under UV irradiation mimicking environmentally relevant conditions. Chemosphere, 2017, 175, 1-7.	8.2	3

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145	Split-root labelling to investigate 15N rhizodeposition by Pinus sylvestris and Picea abies. Isotopes in Environmental and Health Studies, 2018, 54, 16-27.	1.0	2
146	Aluminous clay and pedogenic Fe oxides modulate aggregation and related carbon contents in soils of the humid tropics. Soil, 2021, 7, 363-375.	4.9	2
147	Stability of needleâ€•and rootâ€derived biomarkers during litter decomposition. Journal of Plant Nutrition and Soil Science, 2021, 184, 65-75.	1.9	2