

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	Biogeochemical limitations of carbon stabilization in forest subsoils. Journal of Plant Nutrition and Soil Science, 2022, 185, 35-43.	1.9	7
2	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
3	Above- 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
4	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
5	Microbial properties in tropical montane forest soils developed from contrasting parent material. An incubation experiment. Journal of Plant Nutrition and Soil Science, 2022, 185, 807-820.	1.9	5
6	The glacial-terrestrial-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
7	Baltic Sea sediments record anthropogenic loads of Cd, Pb, and Zn. Environmental Science and Pollution Research, 2021, 28, 6162-6175.	5.3	13
8	A combined microbial and ecosystem metric of carbon retention efficiency explains land cover-dependent soil microbial biodiversity-ecosystem function relationships. Biogeochemistry, 2021, 153, 1-15.	3.5	5
9	Iron oxides and aluminous clays selectively control soil carbon storage and stability in the humid tropics. Scientific Reports, 2021, 11, 5076.	3.3	32
10	Microbial Utilisation of Aboveground Litter-Derived Organic Carbon Within a Sandy Dystric Cambisol Profile. Frontiers in Soil Science, 2021, 1, .	2.2	11
11	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
12	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
13	Stability of needle- and root-derived biomarkers during litter decomposition. Journal of Plant Nutrition and Soil Science, 2021, 184, 65-75.	1.9	2
14	Dynamics of Leaf- and Root-Specific Biomarkers during 1-Year of Litter Decomposition. Forests, 2021, 12, 1732.	2.1	5
15	Global CO2 fertilization of Sphagnum peat mosses via suppression of photorespiration during the twentieth century. Scientific Reports, 2021, 11, 24517.	3.3	5
16	Non-target screening of leaf litter-derived dissolved organic matter using liquid chromatography coupled to high-resolution mass spectrometry (LC-QTOF-MS). European Journal of Soil Science, 2020, 71, 420-432.	3.9	11
17	Linking thermogravimetric data with soil organic carbon fractions. Geoderma, 2020, 362, 114124.	5.1	14
18	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

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19	The multilayer model of soil mineral-organic interfaces—a review. <i>Journal of Plant Nutrition and Soil Science</i> , 2020, 183, 27-41.	1.9	26
20	Effects of development stage on organic matter transformation in Podzols. <i>Geoderma</i> , 2020, 378, 114625.	5.1	9
21	Persistent Activities of Extracellular Enzymes Adsorbed to Soil Minerals. <i>Microorganisms</i> , 2020, 8, 1796.	3.6	12
22	Increased silicon concentration in fen peat leads to a release of iron and phosphate and changes in the composition of dissolved organic matter. <i>Geoderma</i> , 2020, 374, 114422.	5.1	28
23	Prokaryotic Community Composition and Extracellular Polymeric Substances Affect Soil Microaggregation in Carbonate Containing Semiarid Grasslands. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	17
24	Relevance of aboveground litter for soil organic matter formation – a soil profile perspective. <i>Biogeosciences</i> , 2020, 17, 3099-3113.	3.3	37
25	Resilience in coastal dune grasslands: pH and soil organic matter effects on P nutrition, plant strategies, and soil communities. <i>Ecosphere</i> , 2020, 11, e03112.	2.2	12
26	Fate and stability of dissolved organic carbon in topsoils and subsoils under beech forests. <i>Biogeochemistry</i> , 2020, 148, 111-128.	3.5	15
27	Lithology- and climate-controlled soil aggregate-size distribution and organic carbon stability in the Peruvian Andes. <i>Soil</i> , 2020, 6, 1-15.	4.9	15
28	The long-term fate of deposited nitrogen in temperate forest soils. <i>Biogeochemistry</i> , 2020, 150, 1-15.	3.5	8
29	Erosional effects on distribution and bioavailability of soil nitrogen fractions in Belgian Loess Belt. <i>Geoderma</i> , 2020, 365, 114231.	5.1	7
30	Selective stabilization of soil fatty acids related to their carbon chain length and presence of double bonds in the Peruvian Andes. <i>Geoderma</i> , 2020, 373, 114414.	5.1	15
31	Lithology controlled soil organic carbon stabilization in an alpine grassland of the Peruvian Andes. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	16
32	Vascular plants affect properties and decomposition of moss-dominated peat, particularly at elevated temperatures. <i>Biogeosciences</i> , 2020, 17, 4797-4813.	3.3	16
33	Vertical mobility of pyrogenic organic matter in soils: a column experiment. <i>Biogeosciences</i> , 2020, 17, 6457-6474.	3.3	8
34	Control of Soil Extracellular Enzyme Activities by Clay Minerals—Perspectives on Microbial Responses. <i>Soil Systems</i> , 2019, 3, 64.	2.6	22
35	Detectability of degradable organic matter in agricultural soils by thermogravimetry. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 729-740.	1.9	4
36	Impact of land use on soil organic carbon stocks in the humid tropics of NE Tanzania. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 625-636.	1.9	6

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37	Nitrogen turnover and N ₂ O/N ₂ ratio of three contrasting tropical soils amended with biochar. <i>Geoderma</i> , 2019, 348, 12-20.	5.1	16
38	Plant functional types and temperature control carbon input via roots in peatland soils. <i>Plant and Soil</i> , 2019, 438, 19-38.	3.7	20
39	From Agricultural Byproducts to Value-Added Materials: Wheat Straw-Based Hydrogels as Soil Conditioners?. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8604-8612.	6.7	28
40	Tracing organic carbon and microbial community structure in mineralogically different soils exposed to redox fluctuations. <i>Biogeochemistry</i> , 2019, 143, 31-54.	3.5	18
41	Ammonia and nitrous oxide emissions from a field Ultisol amended with tithonia green manure, urea, and biochar. <i>Biology and Fertility of Soils</i> , 2019, 55, 135-148.	4.3	46
42	Women's agricultural practices and their effects on soil nutrient content in the Nyalenda urban gardens of Kisumu, Kenya. <i>Soil</i> , 2019, 5, 303-313.	4.9	6
43	Identifying and quantifying geogenic organic carbon in soils – the case of graphite. <i>Soil</i> , 2019, 5, 383-398.	4.9	19
44	Multiple exchange processes on mineral surfaces control the transport of dissolved organic matter through soil profiles. <i>Soil Biology and Biochemistry</i> , 2018, 118, 79-90.	8.8	82
45	Split-root labelling to investigate ¹⁵ N rhizodeposition by <i>Pinus sylvestris</i> and <i>Picea abies</i> . <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 16-27.	1.0	2
46	Contribution of organic amendments to soil organic matter detected by thermogravimetry. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 664-674.	1.9	13
47	Contrasting evolution of iron phase composition in soils exposed to redox fluctuations. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 89-102.	3.9	77
48	Molecular Features of Humic Acids and Fulvic Acids from Contrasting Environments. <i>Environmental Science & Technology</i> , 2017, 51, 1330-1339.	10.0	85
49	Incubation of solid state C 60 fullerene under UV irradiation mimicking environmentally relevant conditions. <i>Chemosphere</i> , 2017, 175, 1-7.	8.2	3
50	Nitrate decline unlikely to have triggered release of dissolved organic carbon and phosphate to streams. <i>Global Change Biology</i> , 2017, 23, 2535-2536.	9.5	8
51	Emissions intensity and carbon stocks of a tropical Ultisol after amendment with <i>Tithonia</i> green manure, urea and biochar. <i>Field Crops Research</i> , 2017, 209, 179-188.	5.1	24
52	Influence of Organo-Metal Interactions on Regeneration of Exhausted Clay Mineral Sorbents in Soil Columns Loaded with Heavy Metals. <i>Pedosphere</i> , 2017, 27, 579-587.	4.0	9
53	Effects of clay minerals, hydroxides, and timing of dissolved organic matter addition on the competitive sorption of copper, nickel, and zinc: A column experiment. <i>Journal of Environmental Management</i> , 2017, 187, 273-285.	7.8	31
54	Contributions of terrestrial organic carbon to northern lake sediments. <i>Limnology and Oceanography Letters</i> , 2017, 2, 218-227.	3.9	16

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55	Competition and surface conditioning alter the adsorption of phenolic and amino acids on soil minerals. <i>European Journal of Soil Science</i> , 2017, 68, 667-677.	3.9	18
56	Aggregate size distribution in a biochar-amended tropical Ultisol under conventional hand-hoe tillage. <i>Soil and Tillage Research</i> , 2017, 165, 190-197.	5.6	78
57	Succession of Bacterial Communities in a Seasonally Stratified Lake with an Anoxic and Sulfidic Hypolimnion. <i>Frontiers in Microbiology</i> , 2017, 8, 2511.	3.5	50
58	Gone or just out of sight? The apparent disappearance of aromatic litter components in soils. <i>Soil</i> , 2016, 2, 325-335.	4.9	45
59	Robust analysis of underivatized free amino acids in soil by hydrophilic interaction liquid chromatography coupled with electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1449, 78-88.	3.7	30
60	Analysis of fullerenes in soils samples collected in The Netherlands. <i>Environmental Pollution</i> , 2016, 219, 47-55.	7.5	14
61	Small scale variability of vertical water and dissolved organic matter fluxes in sandy Cambisol subsoils as revealed by segmented suction plates. <i>Biogeochemistry</i> , 2016, 131, 1-15.	3.5	32
62	Tamm Review: Sequestration of carbon from coarse woody debris in forest soils. <i>Forest Ecology and Management</i> , 2016, 377, 1-15.	3.2	101
63	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. <i>Journal of Chromatography A</i> , 2016, 1433, 123-130.	3.7	16
64	Differences in activity and N demand between bacteria and fungi in a microcosm incubation experiment with selective inhibition. <i>Applied Soil Ecology</i> , 2016, 99, 29-39.	4.3	25
65	Response of Vertisols, Andosols, and Alisols to paddy management. <i>Geoderma</i> , 2016, 261, 23-35.	5.1	36
66	Effects of nitrogen fertilizer on the composition of maize roots and their decomposition at different soil depths. <i>European Journal of Soil Biology</i> , 2015, 67, 43-50.	3.2	15
67	Stable hydrogen and carbon isotope ratios of methoxyl groups during plant litter degradation. <i>Isotopes in Environmental and Health Studies</i> , 2015, 51, 143-154.	1.0	17
68	Clay minerals of Pliocene deposits and their potential use for the purification of polluted wastewater in the Sohag area, Egypt. <i>Geoderma Regional</i> , 2015, 5, 215-225.	2.1	9
69	Soil Organic Carbon Redistribution by Water Erosion – The Role of CO ₂ Emissions for the Carbon Budget. <i>PLoS ONE</i> , 2014, 9, e96299.	2.5	42
70	Response of Dissolved Organic Matter in the Forest Floor of a Temperate Spruce Stand to Increasing Throughfall. <i>Vadose Zone Journal</i> , 2014, 13, 1-5.	2.2	8
71	Mineralization of Eroded Organic Carbon Transported from a Loess Soil into Water. <i>Soil Science Society of America Journal</i> , 2014, 78, 1362-1367.	2.2	3
72	N ₂ O and CH ₄ emission from soil amended with steam-activated biochar. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 34-38.	1.9	38

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73	Soil aggregation and the stabilization of organic carbon as affected by erosion and deposition. <i>Soil Biology and Biochemistry</i> , 2014, 72, 55-65.	8.8	134
74	Filtering fens: Mechanisms explaining phosphorus-limited hotspots of biodiversity in wetlands adjacent to heavily fertilized areas. <i>Science of the Total Environment</i> , 2014, 481, 129-141.	8.0	10
75	An analytical method for determination of fullerenes and functionalized fullerenes in soils with high performance liquid chromatography and UV detection. <i>Analytica Chimica Acta</i> , 2014, 807, 159-165.	5.4	33
76	A novel high-temperature combustion based system for stable isotope analysis of dissolved organic carbon in aqueous samples. II: optimization and assessment of analytical performance. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2574-2586.	1.5	22
77	Dissolved Organic Matter: Linking Soils and Aquatic Systems. <i>Vadose Zone Journal</i> , 2014, 13, 1-4.	2.2	55
78	Partitioning of heavy metals over different chemical fraction in street dust of Murcia (Spain) as a basis for risk assessment. <i>Journal of Geochemical Exploration</i> , 2014, 144, 298-305.	3.2	66
79	The Role of Dissolved Organic Matter in Adsorbing Heavy Metals in Clay-Rich Soils. <i>Vadose Zone Journal</i> , 2014, 13, 1-12.	2.2	25
80	Redox control on carbon mineralization and dissolved organic matter along a chronosequence of paddy soils. <i>European Journal of Soil Science</i> , 2013, 64, 476-487.	3.9	55
81	The carbon count of 2000 years of rice cultivation. <i>Global Change Biology</i> , 2013, 19, 1107-1113.	9.5	85
82	Stability of organic matter in soils of the Belgian Loess Belt upon erosion and deposition. <i>European Journal of Soil Science</i> , 2013, 64, 219-228.	3.9	53
83	Lignin properties in topsoils of a beech/oak forest after 8 years of manipulated litter fall: relevance of altered input and oxidation of lignin. <i>Plant and Soil</i> , 2013, 367, 579-589.	3.7	8
84	Consistency of plant-specific <i>n-alkane</i> patterns in plaggén ecosystems: A review. <i>Holocene</i> , 2013, 23, 1355-1368.	1.7	25
85	Processes controlling the production of aromatic water-soluble organic matter during litter decomposition. <i>Soil Biology and Biochemistry</i> , 2013, 67, 133-139.	8.8	45
86	Absence of oxygen isotope fractionation/exchange of (hemi-) cellulose derived sugars during litter decomposition. <i>Organic Geochemistry</i> , 2012, 42, 1470-1475.	1.8	36
87	No rapid soil carbon loss after a windthrow event in the High Tatra. <i>Forest Ecology and Management</i> , 2012, 276, 239-246.	3.2	38
88	Separation of light and heavy organic matter fractions in soil – Testing for proper density cut-off and dispersion level. <i>Geoderma</i> , 2012, 170, 403-416.	5.1	170
89	Linking soil biodiversity and agricultural soil management. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 523-528.	6.3	190
90	Long-term litter input manipulation effects on production and properties of dissolved organic matter in the forest floor of a Norway spruce stand. <i>Plant and Soil</i> , 2012, 355, 407-416.	3.7	29

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91	Cycling downwards " dissolved organic matter in soils. <i>Soil Biology and Biochemistry</i> , 2012, 52, 29-32.	8.8	551
92	Heavy metal concentrations in particle size fractions from street dust of Murcia (Spain) as the basis for risk assessment. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3087.	2.1	104
93	Stabilization of extracellular polymeric substances (<i>Bacillus subtilis</i>) by adsorption to and coprecipitation with Al forms. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3135-3154.	3.9	98
94	Effect of leaf litter degradation and seasonality on D/H isotope ratios of n-alkane biomarkers. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4917-4928.	3.9	87
95	Assessment of salinity status in intensively cultivated soils under semiarid climate, Murcia, SE Spain. <i>Journal of Arid Environments</i> , 2011, 75, 1056-1066.	2.4	61
96	A study of lignin degradation in leaf and needle litter using ¹³ C-labelled tetramethylammonium hydroxide (TMAH) thermochemolysis: Comparison with CuO oxidation and van Soest methods. <i>Organic Geochemistry</i> , 2011, 42, 1271-1278.	1.8	29
97	Microbial immobilization and mineralization of dissolved organic nitrogen from forest floors. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1742-1745.	8.8	35
98	A new conceptual model for the fate of lignin in decomposing plant litter. <i>Ecology</i> , 2011, 92, 1052-1062.	3.2	198
99	A new conceptual model for the fate of lignin in decomposing plant litter. <i>Ecology</i> , 2011, 92, 1052-1062.	3.2	37
100	Amounts of carbon mineralised and leached as DOC during decomposition of Norway spruce needles and fine roots. <i>Soil Biology and Biochemistry</i> , 2010, 42, 178-185.	8.8	82
101	Sorptive stabilization of organic matter by amorphous Al hydroxide. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1606-1619.	3.9	116
102	Biogeochemistry of paddy soils. <i>Geoderma</i> , 2010, 157, 1-14.	5.1	912
103	Characteristics of dissolved organic matter following 20years of peatland restoration. <i>Science of the Total Environment</i> , 2009, 408, 78-83.	8.0	73
104	Stabilization of dissolved organic matter by aluminium: a toxic effect or stabilization through precipitation?. <i>European Journal of Soil Science</i> , 2008, 59, 1122-1132.	3.9	57
105	Effects of platinum from vehicle exhaust catalyst on carbon and nitrogen mineralization in soils. <i>Science of the Total Environment</i> , 2008, 405, 239-245.	8.0	7
106	Organo-mineral associations in temperate soils: Integrating biology, mineralogy, and organic matter chemistry. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 61-82.	1.9	892
107	Contribution of dissolved organic matter to carbon storage in forest mineral soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 52-60.	1.9	282
108	Stabilization mechanisms of organic matter in four temperate soils: Development and application of a conceptual model. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 111-124.	1.9	367

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109	Properties of organic matter precipitated from acidic forest soil solutions. <i>Organic Geochemistry</i> , 2008, 39, 1439-1453.	1.8	48
110	Carbon mineralization and properties of water-extractable organic carbon in soils of the south Loess Plateau in China. <i>European Journal of Soil Biology</i> , 2008, 44, 158-165.	3.2	71
111	How relevant is recalcitrance for the stabilization of organic matter in soils?. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 91-110.	1.9	586
112	Precipitation of enzymes and organic matter by aluminum—Impacts on carbon mineralization. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 900-907.	1.9	7
113	Precipitation of Dissolved Organic Matter by Aluminum Stabilizes Carbon in Acidic Forest Soils. <i>Soil Science Society of America Journal</i> , 2007, 71, 64-74.	2.2	143
114	Effects of throughfall and litterfall manipulation on concentrations of methylmercury and mercury in forest-floor percolates. <i>Journal of Plant Nutrition and Soil Science</i> , 2007, 170, 373-377.	1.9	5
115	Long-term development of nitrogen fluxes in a coniferous ecosystem: Does soil freezing trigger nitrate leaching?. <i>Journal of Plant Nutrition and Soil Science</i> , 2007, 170, 189-196.	1.9	36
116	Biodegradation of forest floor organic matter bound to minerals via different binding mechanisms. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2569-2590.	3.9	371
117	Response of dissolved organic matter in the forest floor to long-term manipulation of litter and throughfall inputs. <i>Biogeochemistry</i> , 2007, 86, 301-318.	3.5	107
118	Extraction and Characterization of Dissolved Organic Matter. , 2007, , .		12
119	Lignin degradation controls the production of dissolved organic matter in decomposing foliar litter. <i>European Journal of Soil Science</i> , 2006, 57, 504-516.	3.9	133
120	Ant-mediated effects on spruce litter decomposition, solution chemistry, and microbial activity. <i>Soil Biology and Biochemistry</i> , 2006, 38, 561-572.	8.8	39
121	A comparison of methods to determine the biodegradable dissolved organic carbon from different terrestrial sources. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1933-1942.	8.8	184
122	Short-term response on the quantity and quality of rhizo-deposited carbon from Norway spruce exposed to low and high N inputs. <i>Journal of Plant Nutrition and Soil Science</i> , 2005, 168, 687-693.	1.9	26
123	Stabilization of dissolved organic matter by sorption to the mineral soil. <i>Soil Biology and Biochemistry</i> , 2005, 37, 1319-1331.	8.8	358
124	Amounts and degradability of dissolved organic carbon from foliar litter at different decomposition stages. <i>Soil Biology and Biochemistry</i> , 2005, 37, 2171-2179.	8.8	199
125	Clear-cutting of a Norway spruce stand: implications for controls on the dynamics of dissolved organic matter in the forest floor. <i>European Journal of Soil Science</i> , 2004, 55, 401-413.	3.9	71
126	Dissolved organic matter in small streams along a gradient from discontinuous to continuous permafrost. <i>Global Change Biology</i> , 2004, 10, 1576-1586.	9.5	127

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127	Changes in properties of soil-derived dissolved organic matter induced by biodegradation. <i>Soil Biology and Biochemistry</i> , 2003, 35, 1129-1142.	8.8	353
128	Effects of aluminium on the mineralization of dissolved organic carbon derived from forest floors. <i>European Journal of Soil Science</i> , 2003, 54, 311-322.	3.9	77
129	Ecological aspects of dissolved organic matter in soils. <i>Geoderma</i> , 2003, 113, 177-178.	5.1	24
130	Controls of bioavailability and biodegradability of dissolved organic matter in soils. <i>Geoderma</i> , 2003, 113, 211-235.	5.1	767
131	Biodegradation of soil-derived dissolved organic matter as related to its properties. <i>Geoderma</i> , 2003, 113, 273-291.	5.1	693
132	Dissolved organic matter properties and their relationship to carbon dioxide efflux from restored peat bogs. <i>Geoderma</i> , 2003, 113, 397-411.	5.1	112
133	CONCENTRATIONS AND PROPERTIES OF DISSOLVED ORGANIC MATTER IN FOREST SOILS AS AFFECTED BY THE REDOX REGIME. <i>Soil Science</i> , 2003, 168, 793-801.	0.9	57
134	Mineralization of dissolved organic carbon in mineral soil solution of two forest soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2003, 166, 585-593.	1.9	54
135	Resource control on the production of dissolved organic carbon and nitrogen in a deciduous forest floor. <i>Soil Biology and Biochemistry</i> , 2002, 34, 813-822.	8.8	121
136	Different effects of peat degradation on dissolved organic carbon and nitrogen. <i>Organic Geochemistry</i> , 2002, 33, 319-326.	1.8	101
137	Properties of organic matter in soil solution in a German fen area as dependent on land use and depth. <i>Geoderma</i> , 2001, 104, 203-214.	5.1	60
138	Fulvic acid composition in degraded fenlands. <i>Journal of Plant Nutrition and Soil Science</i> , 2001, 164, 371.	1.9	35
139	Title is missing!. <i>Biogeochemistry</i> , 2001, 55, 327-349.	3.5	125
140	Title is missing!. <i>Biogeochemistry</i> , 2001, 52, 173-205.	3.5	514
141	Humification indices of water-soluble fulvic acids derived from synchronous fluorescence spectra – effects of spectrometer type and concentration. <i>Journal of Plant Nutrition and Soil Science</i> , 2001, 164, 259-265.	1.9	34
142	CONTROLS ON THE DYNAMICS OF DISSOLVED ORGANIC MATTER IN SOILS: A REVIEW. <i>Soil Science</i> , 2000, 165, 277-304.	0.9	1,896
143	LAND USE IMPACTS ON THE ISOTOPIC SIGNATURE (¹³ C, ¹⁴ C, ¹⁵ N) OF WATER-SOLUBLE FULVIC ACIDS IN A GERMAN FEN AREA. <i>Soil Science</i> , 2000, 165, 728-736.	0.9	32
144	Mobilization of heavy metals and arsenic in polluted wetland soils and its dependence on dissolved organic matter. <i>Science of the Total Environment</i> , 1998, 209, 27-39.	8.0	376

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145	Einfluß der Bodeneigenschaften auf die Freisetzung der gelösten 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
146	125-HCH mobilization in polluted wetland soils as influenced by dissolved organic matter. Science of the Total Environment, 1997, 204, 37-48.	8.0	65
147	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