

# Gerhard Gebauer

## List of Publications by Year in descending order

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123  
papers

7,362  
citations

44069

48  
h-index

58581

82  
g-index

125  
all docs

125  
docs citations

125  
times ranked

5446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts on food web properties of island invertebrate communities vary between different human land uses. <i>Science of the Total Environment</i> , 2022, 831, 154838.	8.0	5
2	Distinguishing carbon gains from photosynthesis and heterotrophy in C3-hemiparasiteâ€“C3-host pairs. <i>Annals of Botany</i> , 2022, 129, 647-656.	2.9	6
3	Fungal association and root morphology shift stepwise during ontogenesis of orchid <i>Cremastra appendiculata</i> towards autotrophic nutrition. <i>AoB PLANTS</i> , 2022, 14, .	2.3	3
4	15N tracer enrichment in response to winter soil temperature manipulation differs between canopy trees and juveniles. <i>Trees - Structure and Function</i> , 2021, 35, 325-331.	1.9	3
5	Stealing sugar from the honey fungus. <i>Plant, Cell and Environment</i> , 2021, 44, 17-19.	5.7	5
6	Ecosystem Processes Show Uniform Sensitivity to Winter Soil Temperature Change Across a Gradient from Central to Cold Marginal Stands of a Major Temperate Forest Tree. <i>Ecosystems</i> , 2021, 24, 1545-1560.	3.4	10
7	Partial mycoheterotrophy is common among chlorophyllous plants with <i>Paris</i> -type arbuscular mycorrhiza. <i>Annals of Botany</i> , 2021, 127, 645-653.	2.9	19
8	Impact of Global Climate Change on the European Barley Market Requires Novel Multi-Method Approaches to Preserve Crop Quality and Authenticity. <i>Foods</i> , 2021, 10, 1592.	4.3	4
9	Allochthonous resources are less important for faunal communities on highly productive, small tropical islands. <i>Ecology and Evolution</i> , 2021, 11, 13128-13138.	1.9	1
10	Dinner with the roommates: trophic niche differentiation and competition in a mutualistic antâ€“ant association. <i>Ecological Entomology</i> , 2021, 46, 562-572.	2.2	2
11	Discreet heterotrophs: green plants that receive fungal carbon through <i>Paris</i> -type arbuscular mycorrhiza. <i>New Phytologist</i> , 2020, 226, 960-966.	7.3	26
12	Dark septate endophytes and arbuscular mycorrhizal fungi ( <i>Paris</i> -morphotype) affect the stable isotope composition of â€“classicallyâ€“ nonâ€“mycorrhizal plants. <i>Functional Ecology</i> , 2020, 34, 2453-2466.	3.6	15
13	Mycoheterotrophic plants living on arbuscular mycorrhizal fungi are generally enriched in <sup>13</sup> C, <sup>15</sup> N and <sup>2</sup> H isotopes. <i>Journal of Ecology</i> , 2020, 108, 1250-1261.	4.0	15
14	Origin and fate of nitrate runoff in an agricultural catchment: Haean, South Korea â€“ Comparison of two extremely different monsoon seasons. <i>Science of the Total Environment</i> , 2019, 648, 66-79.	8.0	18
15	Complementary use of 1H NMR and multi-element IRMS in association with chemometrics enables effective origin analysis of cocoa beans ( <i>Theobroma cacao</i> L.). <i>Food Chemistry</i> , 2019, 299, 125105.	8.2	16
16	Light limitation and partial mycoheterotrophy in rhizoctonia-associated orchids. <i>Oecologia</i> , 2019, 189, 375-383.	2.0	14
17	An ecological perspective on â€“plant carnivory beyond bogsâ€“: nutritional benefits of prey capture for the Mediterranean carnivorous plant <i>Drosophyllum lusitanicum</i> . <i>Annals of Botany</i> , 2019, 124, 65-76.	2.9	6
18	Picky carnivorous plants? Investigating preferences for preysâ€“ trophic levels â€“ a stable isotope natural abundance approach with two terrestrial and two aquatic Lentibulariaceae tested in Central Europe. <i>Annals of Botany</i> , 2019, 123, 1167-1177.	2.9	10

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19	Mucoromycotina Fine Root Endophyte Fungi Form Nutritional Mutualisms with Vascular Plants. <i>Plant Physiology</i> , 2019, 181, 565-577.	4.8	51
20	The fate of monsoonal atmospheric nitrate deposition in two forest catchments in Soyang lake watershed, South Korea: a mass balance and stable isotope approach. <i>Biogeochemistry</i> , 2019, 142, 95-116.	3.5	3
21	The giant mycoheterotrophic orchid <i>Erythrorchis altissima</i> is associated mainly with a divergent set of wood-decaying fungi. <i>Molecular Ecology</i> , 2018, 27, 1324-1337.	3.9	26
22	Stable isotope signatures of underground seedlings reveal the organic matter gained by adult orchids from mycorrhizal fungi. <i>Functional Ecology</i> , 2018, 32, 870-881.	3.6	36
23	Inferring the mycorrhizal status of introduced plants of <i>Cypripedium calceolus</i> (Orchidaceae) in northern England using stable isotope analysis. <i>Botanical Journal of the Linnean Society</i> , 2018, 186, 587-590.	1.6	15
24	Exploiting mycorrhizas in broad daylight: Partial mycoheterotrophy is a common nutritional strategy in meadow orchids. <i>Journal of Ecology</i> , 2018, 106, 168-178.	4.0	55
25	Relationship between nitrogen isotope ratios of NO <sub>3</sub> <sup>-</sup> and N <sub>2</sub> O in vertical porewater profiles through a polluted rain-fed peat bog. <i>Soil Biology and Biochemistry</i> , 2018, 123, 7-9.	8.8	7
26	Unveiling community patterns and trophic niches of tropical and temperate ants using an integrative framework of field data, stable isotopes and fatty acids. <i>PeerJ</i> , 2018, 6, e5467.	2.0	18
27	You are what you get from your fungi: nitrogen stable isotope patterns in <i>Epipactis</i> species. <i>Annals of Botany</i> , 2017, 119, 1085-1095.	2.9	44
28	Peatlands in a eutrophic world – Assessing the state of a poor fen-bog transition in southern Ontario, Canada, after long term nutrient input and altered hydrological conditions. <i>Soil Biology and Biochemistry</i> , 2017, 114, 131-144.	8.8	11
29	Drying-Rewetting and Flooding Impact Denitrifier Activity Rather than Community Structure in a Moderately Acidic Fen. <i>Frontiers in Microbiology</i> , 2016, 7, 727.	3.5	13
30	Plant family identity distinguishes patterns of carbon and nitrogen stable isotope abundance and nitrogen concentration in mycoheterotrophic plants associated with ectomycorrhizal fungi. <i>Annals of Botany</i> , 2016, 118, 467-479.	2.9	45
31	Partial mycoheterotrophy is more widespread among orchids than previously assumed. <i>New Phytologist</i> , 2016, 211, 11-15.	7.3	104
32	The importance of associations with saprotrophic non- <i>Rhizoctonia</i> fungi among fully mycoheterotrophic orchids is currently under-estimated: novel evidence from sub-tropical Asia. <i>Annals of Botany</i> , 2015, 116, 423-435.	2.9	57
33	Are carbon and nitrogen exchange between fungi and the orchid <i>Goodyera repens</i> affected by irradiance?. <i>Annals of Botany</i> , 2015, 115, 251-261.	2.9	33
34	Denitrification at two nitrogen-polluted, ombrotrophic Sphagnum bogs in Central Europe: Insights from porewater N <sub>2</sub> O-isotope profiles. <i>Soil Biology and Biochemistry</i> , 2015, 81, 48-57.	8.8	12
35	Temporal variation in mycorrhizal diversity and carbon and nitrogen stable isotope abundance in the wintergreen meadow orchid <i>Anacamptis morio</i> . <i>New Phytologist</i> , 2015, 205, 1308-1319.	7.3	41
36	Carbon and nitrogen gain during the growth of orchid seedlings in nature. <i>New Phytologist</i> , 2014, 202, 606-615.	7.3	74

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37	Abundance of Methanogens, Methanotrophic Bacteria, and Denitrifiers in Rice Paddy Soils. <i>Wetlands</i> , 2014, 34, 213-223.	1.5	28
38	A record of N <sub>2</sub> O and CH <sub>4</sub> emissions and underlying soil processes of Korean rice paddies as affected by different water management practices. <i>Biogeochemistry</i> , 2013, 115, 317-332.	3.5	47
39	Fungal host specificity is not a bottleneck for the germination of <i>Pezizales</i> species ( <i>Pezizaceae</i> ) in a <i>Bavarian</i> forest. <i>Molecular Ecology</i> , 2013, 22, 1473-1481.	3.9	28
40	Plastic mulching in agriculture—Friend or foe of N <sub>2</sub> O emissions?. <i>Agriculture, Ecosystems and Environment</i> , 2013, 167, 43-51.	5.3	105
41	Monsoon rains, drought periods and soil texture as drivers of soil N <sub>2</sub> O fluxes — Soil drought turns East Asian temperate deciduous forest soils into temporary and unexpectedly persistent N <sub>2</sub> O sinks. <i>Soil Biology and Biochemistry</i> , 2013, 57, 273-281.	8.8	11
42	The Physiological Ecology of Mycoheterotrophy. , 2013, , 297-342.		100
43	Limited carbon and mineral nutrient gain from mycorrhizal fungi by adult Australian orchids. <i>American Journal of Botany</i> , 2012, 99, 1133-1145.	1.7	32
44	Trophic ecology of parabiocotic ants: Do the partners have similar food niches?. <i>Austral Ecology</i> , 2012, 37, 537-546.	1.5	11
45	Storm pulses and varying sources of hydrologic carbon export from a mountainous watershed. <i>Journal of Hydrology</i> , 2012, 440-441, 90-101.	5.4	59
46	Photosynthetic Mediterranean meadow orchids feature partial mycoheterotrophy and specific mycorrhizal associations. <i>American Journal of Botany</i> , 2011, 98, 1148-1163.	1.7	113
47	The Effects of Above- and Belowground Mutualisms on Orchid Speciation and Coexistence. <i>American Naturalist</i> , 2011, 177, E54-E68.	2.1	182
48	Stable isotope signatures confirm carbon and nitrogen gain through ectomycorrhizas in the ghost orchid <i>Epipogium aphyllum</i> Swartz*. <i>Plant Biology</i> , 2011, 13, 270-275.	3.8	16
49	The degree of mycoheterotrophic carbon gain in green, variegated and vegetative albino individuals of <i>Cephalanthera damasonium</i> is related to leaf chlorophyll concentrations. <i>New Phytologist</i> , 2011, 189, 790-796.	7.3	39
50	N <sub>2</sub> O emission in a Norway spruce forest due to soil frost: concentration and isotope profiles shed a new light on an old story. <i>Biogeochemistry</i> , 2010, 97, 21-30.	3.5	69
51	<sup>15</sup> N and <sup>13</sup> C natural abundance of two mycoheterotrophic and a putative partially mycoheterotrophic species associated with arbuscular mycorrhizal fungi. <i>New Phytologist</i> , 2010, 188, 590-596.	7.3	58
52	Impact of altering the water table height of an acidic fen on N <sub>2</sub> O and NO fluxes and soil concentrations. <i>Global Change Biology</i> , 2010, 16, 220-233.	9.5	87
53	Irradiance governs exploitation of fungi: fine-tuning of carbon gain by two partially myco-heterotrophic orchids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1333-1336.	2.6	86
54	C and N stable isotope signatures reveal constraints to nutritional modes in orchids from the Mediterranean and Macaronesia. <i>American Journal of Botany</i> , 2010, 97, 903-912.	1.7	75

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55	Loss of functional diversity of ant assemblages in secondary tropical forests. <i>Ecology</i> , 2010, 91, 782-792.	3.2	169
56	Evidence for novel and specialized mycorrhizal parasitism: the orchid <i>Gastrodia confusa</i> gains carbon from saprotrophic <i>Mycena</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 761-767.	2.6	133
57	N <sub>2</sub> O and NO fluxes between a Norway spruce forest soil and atmosphere as affected by prolonged summer drought. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1986-1995.	8.8	40
58	Drought turns a Central European Norway spruce forest soil from an N <sub>2</sub> O source to a transient N <sub>2</sub> O sink. <i>Global Change Biology</i> , 2009, 15, 850-860.	9.5	123
59	Is it better to give than to receive? A stable isotope perspective on orchidâ€“fungal carbon transport in the green orchid species <i>Goodyera repens</i> and <i>Goodyera oblongifolia</i> . <i>New Phytologist</i> , 2009, 182, 8-11.	7.3	30
60	Isotopic evidence of full and partial mycoâ€“heterotrophy in the plant tribe Pyroleae (Ericaceae). <i>New Phytologist</i> , 2009, 182, 719-726.	7.3	73
61	The chlorophyllâ€“containing orchid <i>Corallorhiza trifida</i> derives little carbon through photosynthesis. <i>New Phytologist</i> , 2009, 183, 358-364.	7.3	64
62	The ectomycorrhizal specialist orchid <i>Corallorhiza trifida</i> is a partial mycoâ€“heterotroph. <i>New Phytologist</i> , 2008, 178, 395-400.	7.3	83
63	Fluxes of climateâ€“relevant trace gases between a Norway spruce forest soil and atmosphere during repeated freezeâ€“thaw cycles in mesocosms. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 729-739.	1.9	54
64	A methodological approach to improve estimates of nutrient gains by partially myco-heterotrophic plantsâ€“. <i>Isotopes in Environmental and Health Studies</i> , 2008, 44, 393-401.	1.0	68
65	N <sub>2</sub> O concentration and isotope signature along profiles provide deeper insight into the fate of N <sub>2</sub> O in soilsâ€“. <i>Isotopes in Environmental and Health Studies</i> , 2008, 44, 377-391.	1.0	49
66	Repeated dryingâ€“rewetting cycles and their effects on the emission of CO <sub>2</sub> , N <sub>2</sub> O, NO, and CH <sub>4</sub> in a forest soil. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 719-728.	1.9	89
67	Drought turns a Central European Norway spruce forest soil from an N <sub>2</sub> O source to a transient N <sub>2</sub> O sink. <i>Global Change Biology</i> , 2008, , .	9.5	0
68	Wide geographical and ecological distribution of nitrogen and carbon gains from fungi in pyrolids and monotropoids (Ericaceae) and in orchids. <i>New Phytologist</i> , 2007, 175, 166-175.	7.3	143
69	Stable N-isotope signatures of central European ants â€“ assessing positions in a trophic gradient. <i>Insectes Sociaux</i> , 2007, 54, 393-402.	1.2	55
70	<i>Cephalanthera longifolia</i> (Neottieae, Orchidaceae) is mixotrophic: a comparative study between green and nonphotosynthetic individuals. <i>Canadian Journal of Botany</i> , 2006, 84, 1462-1477.	1.1	133
71	Mixotrophy in orchids: insights from a comparative study of green individuals and nonphotosynthetic individuals of <i>Cephalanthera damasonium</i> . <i>New Phytologist</i> , 2005, 166, 639-653.	7.3	250
72	Uptake of nitrogen and carbon from doubleâ€“labelled ( <sup>15</sup> N and <sup>13</sup> C ) glycine by mycorrhizal pine seedlings. <i>New Phytologist</i> , 2004, 164, 383-388.	7.3	56

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73	Increased emissions of nitric oxide and nitrous oxide following tillage of a perennial pasture. <i>Nutrient Cycling in Agroecosystems</i> , 2004, 70, 13-22.	2.2	68
74	Distinguishing sources of N <sub>2</sub> O in European grasslands by stable isotope analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1201-1207.	1.5	86
75	Changing partners in the dark: isotopic and molecular evidence of ectomycorrhizal liaisons between forest orchids and trees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1799-1806.	2.6	356
76	Emission of gaseous nitrogen oxides from an extensively managed grassland in NE Bavaria, Germany. <i>Biogeochemistry</i> , 2003, 63, 249-267.	3.5	74
77	Emission of gaseous nitrogen oxides from an extensively managed grassland in NE Bavaria, Germany.. <i>Biogeochemistry</i> , 2003, 63, 229-247.	3.5	51
78	Nitrogen uptake from <sup>15</sup> N-enriched fertilizer by four tree crops in an Amazonian agroforest. <i>Agroforestry Systems</i> , 2003, 57, 213-224.	2.0	13
79	Disentangling a rainforest food web using stable isotopes: dietary diversity in a species-rich ant community. <i>Oecologia</i> , 2003, 137, 426-435.	2.0	268
80	<sup>15</sup> N and <sup>13</sup> C natural abundance of autotrophic and mycoâ€heterotrophic orchids provides insight into nitrogen and carbon gain from fungal association. <i>New Phytologist</i> , 2003, 160, 209-223.	7.3	283
81	Tree species of the central amazon and soil moisture alter stable isotope composition of nitrogen and oxygen in nitrous oxide evolved from soil. <i>Isotopes in Environmental and Health Studies</i> , 2003, 39, 41-52.	1.0	20
82	Title is missing!. <i>Plant and Soil</i> , 2002, 239, 253-265.	3.7	65
83	Nitrogen cycling assessment in a hedgerow intercropping system using <sup>15</sup> N enrichment. <i>Nutrient Cycling in Agroecosystems</i> , 2002, 62, 1-9.	2.2	11
84	On-Line Analysis of Nitrogen Stable Isotopes in NO from Ambient Air Samples. <i>Analytical Chemistry</i> , 2001, 73, 1126-1133.	6.5	2
85	Nitrogen use in mixed tree crop plantations with a legume cover crop. <i>Plant and Soil</i> , 2000, 225, 63-72.	3.7	17
86	Temporal Stability of Spatial Patterns of Nitrous Oxide Fluxes from Sloping Grassland. <i>Journal of Environmental Quality</i> , 2000, 29, 1397-1407.	2.0	45
87	<sup>15</sup> N natural abundance in fruit bodies of different functional groups of fungi in relation to substrate utilization. <i>New Phytologist</i> , 1999, 142, 93-101.	7.3	125
88	Title is missing!. <i>Plant and Soil</i> , 1999, 210, 249-262.	3.7	20
89	Nitrogen uptake of sorghum ( <i>Sorghum bicolor</i> L.) from tree mulch and mineral fertilizer under high leaching conditions estimated by nitrogen- <sup>15</sup> enrichment. <i>Biology and Fertility of Soils</i> , 1999, 30, 90-95.	4.3	19
90	Sucrose unloading in the hypocotyl of the <i>Ricinus communis</i> L. seedling measured by <sup>13</sup> C-nuclear magnetic resonance spectroscopy in vivo. <i>Planta</i> , 1999, 208, 358-364.	3.2	7

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91	Controlling nitrous oxide emissions from grassland livestock production systems. <i>Nutrient Cycling in Agroecosystems</i> , 1998, 52, 141-149.	2.2	24
92	Title is missing!. <i>Plant and Soil</i> , 1998, 199, 59-70.	3.7	21
93	Below-ground interactions in dryland agroforestry. <i>Forest Ecology and Management</i> , 1998, 111, 157-169.	3.2	106
94	On-Line Analysis of Stable Isotopes of Nitrogen in NH <sub>3</sub> , NO, and NO <sub>2</sub> at Natural Abundance Levels. <i>Analytical Chemistry</i> , 1998, 70, 2750-2756.	6.5	11
95	Anthropogenic impacts on natural nitrogen isotope variations in <i>Pinus sylvestris</i> stands in an industrially polluted area. <i>Environmental Pollution</i> , 1997, 97, 175-181.	7.5	50
96	Uptake of [ <sup>15</sup> N] Ammonium and [ <sup>15</sup> N] Nitrate in a 140-Year-Old Spruce Stand ( <i>Picea abies</i> ) in the Fichtelgebirge (NE Bavaria). <i>Isotopes in Environmental and Health Studies</i> , 1996, 32, 141-148.	1.0	3
97	Partitioning of <sup>15</sup> N-labeled ammonium and nitrate among soil, litter, below- and above-ground biomass of trees and understory in a 15-year-old <i>Picea abies</i> plantation. <i>Biogeochemistry</i> , 1996, 33, 1.	3.5	103
98	The Fate of [ <sup>15</sup> N] Ammonium and [ <sup>15</sup> N] Nitrate in the Soil of a 140-Year-Old Spruce Stand ( <i>Picea Abies</i> ) in the Fichtelgebirge (NE-Bavaria). <i>Isotopes in Environmental and Health Studies</i> , 1996, 32, 149-158.	1.0	8
99	<sup>15</sup> N-ammonium and <sup>15</sup> N-nitrate uptake of a 15-year-old <i>Picea abies</i> plantation. <i>Oecologia</i> , 1995, 102, 361-370.	2.0	82
100	Nitrogen nutrition and isotope differences among life forms at the northern treeline of Alaska. <i>Oecologia</i> , 1994, 100, 406-412.	2.0	235
101	Isotope ratios and concentrations of sulfur and nitrogen in needles and soils of <i>Picea abies</i> stands as influenced by atmospheric deposition of sulfur and nitrogen compounds. <i>Plant and Soil</i> , 1994, 164, 267-281.	3.7	127
102	Effects of forest decline on uptake and leaching of deposited nitrate determined from <sup>15</sup> N and <sup>18</sup> O measurements. <i>Nature</i> , 1994, 372, 765-767.	27.8	386
103	Fluctuations in nitrate reductase activity, and nitrate and organic nitrogen concentrations of succulent plants under different nitrogen and water regimes. <i>Oecologia</i> , 1993, 94, 146-152.	2.0	8
104	Investigations on the Nitrogen Metabolism of Forest Trees by Mathematical Modelling of Natural Isotope Ratios. <i>Isotopes in Environmental and Health Studies</i> , 1993, 29, 199-214.	0.2	2
105	Nitrogen Isotope Ratios in Different Compartments of a Mixed Stand of Spruce, Larch and Beech Trees and of Understorey Vegetation Including Fungi. <i>Isotopes in Environmental and Health Studies</i> , 1993, 29, 35-44.	0.2	96
106	The Influence of Ammonium on Nitrate Uptake and Assimilation in 2-Year-Old Ash and Oak Trees - A Tracer-Study with <sup>15</sup> N. <i>Isotopes in Environmental and Health Studies</i> , 1993, 29, 85-92.	0.2	21
107	Uptake of <sup>15</sup> NH <sub>3</sub> by <i>Picea abies</i> in Closed Chamber Experiments. <i>Isotopes in Environmental and Health Studies</i> , 1993, 29, 71-76.	0.2	15
108	<sup>15</sup> N-Labelled Ammonium and Nitrate Uptake by the Grass <i>Calamagrostis villosa</i> . <i>Isotopes in Environmental and Health Studies</i> , 1993, 29, 77-84.	0.2	4

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109	Influence of Nitrogen Supply and Temperature on Stable Carbon Isotope Ratios in Plants of Different Photosynthetic Pathways ( $C_3$ , $C_4$ , CAM). <i>Isotopes in Environmental and Health Studies</i> , 1993, 29, 9-13.	0.2	10
110	The use of stable isotopes in ecosystem research. First results of a field study with $^{15}N$ . <i>Isotopes in Environmental and Health Studies</i> , 1992, 28, 51-59.	0.2	3
111	Nitrate reduction and nitrate content in ash trees ( <i>Fraxinus excelsior</i> L.): distribution between compartments, site comparison and seasonal variation. <i>Trees - Structure and Function</i> , 1992, 6, 236.	1.9	34
112	Estimates of nitrogen fixation by trees on an aridity gradient in Namibia. <i>Oecologia</i> , 1991, 88, 451-455.	2.0	184
113	Carbon and nitrogen isotope ratios of mistletoes growing on nitrogen and non-nitrogen fixing hosts and on CAM plants in the Namib desert confirm partial heterotrophy. <i>Oecologia</i> , 1991, 88, 457-462.	2.0	66
114	Carbon and nitrogen isotope ratios in different compartments of a healthy and a declining <i>Picea abies</i> forest in the Fichtelgebirge, NE Bavaria. <i>Oecologia</i> , 1991, 87, 198-207.	2.0	315
115	The utilization of nitrogen from insect capture by different growth forms of <i>Drosera</i> from Southwest Australia. <i>Oecologia</i> , 1991, 87, 240-246.	2.0	61
116	Biomass production and nitrogen contents of the CAM plants <i>Kalanchoe daigremontiana</i> and <i>K. tubiflora</i> in cultures with different nitrogen and water supply. <i>Oecologia</i> , 1990, 82, 478-483.	2.0	11
117	Nitrate, nitrate reduction and organic nitrogen in plants from different ecological and taxonomic groups of Central Europe. <i>Oecologia</i> , 1988, 75, 371-385.	2.0	109
118	Biomass production and nitrate metabolism of <i>Atriplex hortensis</i> L. ( $C_3$ plant) and <i>Amaranthus retroflexus</i> L. ( $C_4$ plant) in cultures at different levels of nitrogen supply. <i>Oecologia</i> , 1987, 72, 303-314.	2.0	32
119	Biomass production and nitrogen content of $C_3$ - and $C_4$ -grasses in pure and mixed culture with different nitrogen supply. <i>Oecologia</i> , 1987, 71, 613-617.	2.0	23
120	Specific response of sugar beet cultivars to different nitrogen forms. <i>Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science</i> , 1986, 149, 561-571.	0.4	1
121	Nitrate content and nitrate reductase activity in <i>Rumex obtusifolius</i> L.. <i>Oecologia</i> , 1984, 63, 136-142.	2.0	68
122	Nitrate content and nitrate reductase activity in <i>Rumex obtusifolius</i> L.. <i>Oecologia</i> , 1984, 63, 380-385.	2.0	30
123	Inferring the mycorrhizal status of introduced plants of <i>Cypripedium calceolus</i> (Orchidaceae) in northern England using stable isotope analysis. <i>Botanical Journal of the Linnean Society</i> , 0, , .	1.6	0