Karl Ritz

List of Publications by Year
in descending order

165	10,695	36691 53	40945 97
papers	citations	h-index	g-index

172	172	172	10886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nutrient and trace element concentrations influence greenhouse gas emissions from Malaysian tropical peatlands. Soil Use and Management, 2021, 37, 138-150.	2.6	10
2	Significant structural evolution of a longâ€term fallow soil in response to agricultural management practices requires at least 10â€‰years after conversion. European Journal of Soil Science, 2021, 72, 829-841.	1.8	9
3	The Impact of Disturbed Soil Structure on the Degradation of 2 Fungicides Under Constant and Variable Moisture. Environmental Toxicology and Chemistry, 2021, 40, 2715-2725.	2.2	2
4	Maize-Brachiaria intercropping: A strategy to supply recycled N to maize and reduce soil N2O emissions?. Agriculture, Ecosystems and Environment, 2021, 319, 107491.	2.5	14
5	Development and application of a DNA metabarcoding method for comprehensive analysis of soil nematode communities. Applied Soil Ecology, 2021, 166, 103974.	2.1	17
6	Impacts of conversion from natural forest to cedar plantation on the structure and diversity of root-associated and soil microbial communities. Applied Soil Ecology, 2021, 167, 104027.	2.1	16
7	Reorganisation of rhizosphere soil pore structure by wild plant species in compacted soils. Journal of Experimental Botany, 2020, 71, 6107-6115.	2.4	14
8	Soil as an extended composite phenotype of the microbial metagenome. Scientific Reports, 2020, 10, 10649.	1.6	41
9	Land-Use Changes Associated with Oil Palm Plantations Impact PLFA Microbial Phenotypic Community Structure throughout the Depth of Tropical Peats. Wetlands, 2020, 40, 2351-2366.	0.7	9
10	Is Intercropping an Environmentally-Wise Alternative to Established Oil Palm Monoculture in Tropical Peatlands?. Frontiers in Forests and Global Change, 2020, 3, .	1.0	10
11	Phacelia (Phacelia tanacetifolia Benth.) affects soil structure differently depending on soil texture. Plant and Soil, 2019, 441, 543-554.	1.8	15
12	GHG emission under different cropping systems in some Histosols of Malaysia. Geoderma Regional, 2019, 18, e00229.	0.9	9
13	Cover crop species have contrasting influence upon soil structural genesis and microbial community phenotype. Scientific Reports, 2019, 9, 7473.	1.6	36
14	Environmental impacts as affected by different oil palm cropping systems in tropical peatlands. Agriculture, Ecosystems and Environment, 2019, 276, 8-20.	2.5	22
15	Are secondary forests second-rate? Comparing peatland greenhouse gas emissions, chemical and microbial community properties between primary and secondary forests in Peninsular Malaysia. Science of the Total Environment, 2019, 655, 220-231.	3.9	27
16	Proportion of Sewage Sludge to Soil Influences the Survival of Salmonella Dublin and Escherichia coli. Clean - Soil, Air, Water, 2018, 46, 1800042.	0.7	11
17	Soil seal development under simulated rainfall: Structural, physical and hydrological dynamics. Journal of Hydrology, 2018, 556, 211-219.	2.3	75
18	TopCap: A Tool to Quantify Soil Surface Topology and Subsurface Structure. Vadose Zone Journal, 2018, 17, 1-10.	1.3	3

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19	Risk Assessment of E. coli Survival Up to the Grazing Exclusion Period After Dairy Slurry, Cattle Dung, and Biosolids Application to Grassland. Frontiers in Sustainable Food Systems, 2018, 2, .	1.8	5
20	Effects of cropping systems upon the three-dimensional architecture of soil systems are modulated by texture. Geoderma, 2018, 332, 73-83.	2.3	51
21	Evidence for functional state transitions in intensively-managed soil ecosystems. Scientific Reports, 2018, 8, 11522.	1.6	16
22	Shaping 3D Root System Architecture. Current Biology, 2017, 27, R919-R930.	1.8	162
23	Developmental morphology of cover crop species exhibit contrasting behaviour to changes in soil bulk density, revealed by X-ray computed tomography. PLoS ONE, 2017, 12, e0181872.	1.1	48
24	On the origin of carbon dioxide released from rewetted soils. Soil Biology and Biochemistry, 2016, 101, 1-5.	4.2	53
25	Distinct respiratory responses of soils to complex organic substrate areÂgoverned predominantly by soil architecture and its microbial community. Soil Biology and Biochemistry, 2016, 103, 493-501.	4.2	17
26	Insensitivity of soil biological communities to phosphorus fertilization in intensively managed grassland systems. Grass and Forage Science, 2016, 71, 139-152.	1.2	17
27	Defining and quantifying the resilience of responses to disturbance: a conceptual and modelling approach from soil science. Scientific Reports, 2016, 6, 28426.	1.6	58
28	The holistic rhizosphere: integrating zones, processes, and semantics in the soil influenced by roots. Journal of Experimental Botany, 2016, 67, 3629-3643.	2.4	204
29	Nanoparticles within WWTP sludges have minimal impact on leachate quality and soil microbial community structure and function. Environmental Pollution, 2016, 211, 399-405.	3.7	61
30	Selection of biological indicators appropriate for European soil monitoring. Applied Soil Ecology, 2016, 97, 12-22.	2.1	71
31	Probing the basis of soil resilience. Soil Use and Management, 2015, 31, 72-81.	2.6	14
32	A review of the impacts of degradation threats on soil properties in the <scp>UK</scp>. Soil Use and Management, 2015, 31, 1-15.	2.6	64
33	Enteropathogen survival in soil from different land-uses is predominantly regulated by microbial community composition. Applied Soil Ecology, 2015, 89, 76-84.	2.1	39
34	A simple reactive-transport model of calcite precipitation in soils and other porous media. Geochimica Et Cosmochimica Acta, 2015, 165, 108-122.	1.6	16
35	Does biochar interfere with standard methods for determining soil microbial biomass and phenotypic community structure?. Soil Biology and Biochemistry, 2015, 81, 143-146.	4.2	10
36	Plant: soil interactions in temperate multi-cropping production systems. Plant and Soil, 2014, 376, 1-29.	1.8	179

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37	The effects of earthworms, botanical diversity and fertiliser type on the vertical distribution of soil nutrients and plant nutrient acquisition. Biology and Fertility of Soils, 2013, 49, 1189-1201.	2.3	7
38	The impact of zero-valent iron nanoparticles upon soil microbial communities is context dependent. Environmental Science and Pollution Research, 2013, 20, 1041-1049.	2.7	101
39	Impact of Soil Type, Biology and Temperature on the Survival of Non-Toxigenic Escherichia Coli O157. Biology and Environment, 2013, 113, 1-6.	0.2	11
40	Engineering difference: Matrix design determines community composition in wastewater treatment systems. Ecological Engineering, 2012, 40, 183-188.	1.6	7
41	Microbial diversity affects self-organization of the soilâ€“microbe system with consequences for function. Journal of the Royal Society Interface, 2012, 9, 1302-1310.	1.5	131
42	The effect of triclosan on microbial community structure in three soils. Chemosphere, 2012, 89, 1-9.	4.2	27
43	Standardisation of methods in soil microbiology: progress and challenges. FEMS Microbiology Ecology, 2012, 82, 1-10.	1.3	59
44	The thermodynamic efficiency of soil microbial communities subject to long-term stress is lower than those under conventional input regimes. Soil Biology and Biochemistry, 2012, 47, 149-157.	4.2	34
45	Does soil biology hold the key to optimized slurry management? A manifesto for research. Soil Use and Management, 2011, 27, 464-469.	2.6	7
46	Solvent-based washing removes lipophilic contaminant interference with phospholipid fatty acid analysis of soil communities. Soil Biology and Biochemistry, 2011, 43, 2208-2212.	4.2	4
47	Effects of triclosan on soil microbial respiration. Environmental Toxicology and Chemistry, 2011, 30, 360-366.	2.2	42
48	Views of the underworld: in situ visualization of soil biota.. , 2011, , 1-12.		3
49	The zoological generation of soil structure.. , 2011, , 71-85.		2
50	Effects of soilâ€surface microbial community phenotype upon physical and hydrological properties of an arable soil: a microcosm study. European Journal of Soil Science, 2010, 61, 493-503.	1.8	2
51	The spectral quality of light influences the temporal development of the microbial phenotype at the arable soil surface. Soil Biology and Biochemistry, 2009, 41, 553-560.	4.2	19
52	An inter-laboratory comparison of multi-enzyme and multiple substrate-induced respiration assays to assess method consistency in soil monitoring. Biology and Fertility of Soils, 2009, 45, 623-633.	2.3	28
53	Selecting biological indicators for monitoring soils: A framework for balancing scientific and technical opinion to assist policy development. Ecological Indicators, 2009, 9, 1212-1221.	2.6	227
54	The future of soils and land use in the UK: Soil systems for the provision of land-based ecosystem services. Land Use Policy, 2009, 26, S187-S197.	2.5	167

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55	Soils in Forensic Science: Underground Meets Underworld. , 2009, , 501-513.		1
56	Environmental Considerations for Common Burial Site Selection After Pandemic Events. , 2009, , 87-101.		5
57	Size and phenotypic structure of microbial communities within soil profiles in relation to different playing areas on a UK golf course. European Journal of Soil Science, 2008, 59, 835-841.	1.8	10
58	Earthworm community structure on five English golf courses. Applied Soil Ecology, 2008, 39, 336-341.	2.1	12
59	Simultaneous Preservation of Soil Structural Properties and Phospholipid Profiles: A Comparison ofThree Drying Techniques. Pedosphere, 2008, 18, 284-287.	2.1	9
60	Soil health in agricultural systems. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 685-701.	1.8	696
61	The effect of microbial communities on soil hydrological processes: A microcosm study utilising simulated rainfall. Geoderma, 2007, 142, 11-17.	2.3	10
62	The Plate Debate: Cultivable communities have no utility in contemporary environmental microbial ecology. FEMS Microbiology Ecology, 2007, 60, 358-362.	1.3	104
63	Microbial community phenotypic profiles change markedly with depth within the first centimetre of the arable soil surface. Soil Biology and Biochemistry, 2007, 39, 1226-1229.	4.2	17
64	Interactions between microbial community structure and the soil environment found on golf courses. Soil Biology and Biochemistry, 2007, 39, 1533-1541.	4.2	17
65	Nano-scale secondary ion mass spectrometry â€" A new analytical tool in biogeochemistry and soil ecology: A review article. Soil Biology and Biochemistry, 2007, 39, 1835-1850.	4.2	178
66	The Development of Fungal Networks in Complex Environments. Bulletin of Mathematical Biology, 2007, 69, 605-634.	0.9	91
67	Bacterial Interactions At The Microscale â€" Linking Habitat To Function In Soil. , 2007, , 61-85.		21
68	Spatial Organisation Of Soil Fungi. , 2007, , 179-202.		7
69	Investigating microbial micro-habitat structure using X-ray computed tomography. Geoderma, 2006, 133, 398-407.	2.3	115
70	Analysis of soil and bacterioplankton community DNA by melting profiles and reassociation kinetics. FEMS Microbiology Letters, 2006, 149, 151-156.	0.7	31
71	Community DNA hybridisation and %G+C profiles of microbial communities from heavy metal polluted soils. FEMS Microbiology Ecology, 2006, 24, 103-112.	1.3	59
72	Impact of basidiomycete fungi on the wettability of soil contaminated with a hydrophobic polycyclic aromatic hydrocarbon. Biologia (Poland), 2006, 61, S334-S338.	0.8	17

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73	Three-dimensional Microorganization of the Soilâ€“Rootâ€“Microbe System. Microbial Ecology, 2006, 52, 151-158.	1.4	227
74	Comment on Zhao et al. (2005) â€œDoes ergosterol concentration provide a reliable estimate of soil fungal biomass?â€• Soil Biology and Biochemistry, 2006, 38, 1500-1501.	4.2	8
75	Functional resilience of microbial communities from perturbed upland grassland soils to further persistent or transient stresses. Soil Biology and Biochemistry, 2006, 38, 2300-2306.	4.2	29
76	Inefficiency of mustard extraction technique for assessing size and structure of earthworm communities in UK pasture. Soil Biology and Biochemistry, 2006, 38, 2990-2992.	4.2	36
77	The habitat of soil microbes. , 2005, , 31-43.		16
78	Underview: origins and consequences of below-ground biodiversity. , 2005, , 381-401.		7
79	Towards an evolutionary ecology of life in soil. Trends in Ecology and Evolution, 2005, 20, 81-87.	4.2	141
80	Interactions between soil structure and fungi. The Mycologist, 2004, 18, 52-59.	0.5	229
81	Preferential spread of the pathogenic fungus Rhizoctonia solani through structured soil. Soil Biology and Biochemistry, 2004, 36, 203-210.	4.2	39
82	Community-level responses of metabolically-active soil microorganisms to the quantity and quality of substrate inputs. Soil Biology and Biochemistry, 2004, 36, 841-848.	4.2	68
83	Translocation of carbon by Rhizoctonia solani in nutritionally-heterogeneous microcosms. Mycological Research, 2004, 108, 453-462.	2.5	36
84	The Relationship between Microbial Community Structure and Functional Stability, Tested Experimentally in an Upland Pasture Soil. Microbial Ecology, 2004, 47, 104-113.	1.4	180
85	Spatial structure in soil chemical and microbiological properties in an upland grassland. FEMS Microbiology Ecology, 2004, 49, 191-205.	1.3	154
86	Assessing shifts in microbial community structure across a range of grasslands of differing management intensity using CLPP, PLFA and community DNA techniques. Applied Soil Ecology, 2004, 25, 63-84.	2.1	331
87	An Efficient Markov Chain Model for the Simulation of Heterogeneous Soil Structure. Soil Science Society of America Journal, 2004, 68, 346-351.	1.2	118
88	An Efficient Markov Chain Model for the Simulation of Heterogeneous Soil Structure. Soil Science Society of America Journal, 2004, 68, 346.	1.2	24
89	Nutritional influence on the ability of fungal mycelia to penetrate toxic metal-containing domains. Mycological Research, 2003, 107, 861-871.	2.5	57
90	Growth and Function of Fungal Mycelia in Heterogeneous Environments. Bulletin of Mathematical Biology, 2003, 65, 447-477.	0.9	83

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91	A positive numerical scheme for a mixed-type partial differential equation model for fungal growth. Applied Mathematics and Computation, 2003, 138, 321-340.	1.4	27
92	Spatial distribution of bacterial communities and their relationships with the micro-architecture of soil. FEMS Microbiology Ecology, 2003, 44, 203-215.	1.3	291
93	Microbial population dynamics related to temporal variations in nitrification in three arable fields. European Journal of Soil Science, 2003, 54, 707-714.	1.8	20
94	Effect of bulk density on the spatial organisation of the fungus Rhizoctonia solani in soil. FEMS Microbiology Ecology, 2003, 44, 45-56.	1.3	100
95	A mathematical approach to studying fungal mycelia. The Mycologist, 2003, 17, 165-171.	0.5	22
96	In situ visualisation of fungi in soil thin sections: problems with crystallisation of the fluorochrome FB 28 (Calcofluor M2R) and improved staining by SCRI Renaissance 2200. Mycological Research, 2002, 106, 293-297.	2.5	22
97	Solubilization of metal phosphates by Rhizoctonia solani. Mycological Research, 2002, 106, 1468-1479.	2.5	39
98	Functional Consequences of Nutrient Translocation in Mycelial Fungi. Journal of Theoretical Biology, 2002, 217, 459-477.	0.8	96
99	In Situ Spatial Patterns of Soil Bacterial Populations, Mapped at Multiple Scales, in an Arable Soil. Microbial Ecology, 2002, 44, 296-305.	1.4	180
100	The effects of fungal inoculum arrangement (scale and context) on emergent community development in an agar model system. FEMS Microbiology Ecology, 2002, 39, 9-16.	1.3	12
101	Solubilization of calcium phosphate as a consequence of carbon translocation by Rhizoctonia solani. FEMS Microbiology Ecology, 2002, 40, 65-71.	1.3	71
102	Functional stability, substrate utilisation and biological indicators of soils following environmental impacts. Applied Soil Ecology, 2001, 16, 49-61.	2.1	196
103	A sterile environment for growing, and monitoring, micro-organisms under a range of soil matric potentials. Soil Biology and Biochemistry, 2001, 33, 689-691.	4.2	5
104	An examination of the biodiversityâ€“ecosystem function relationship in arable soil microbial communities. Soil Biology and Biochemistry, 2001, 33, 1713-1722.	4.2	244
105	The role played by microorganisms in the biogenesis of soil cracks: importance of substrate quantity and quality. Soil Biology and Biochemistry, 2001, 33, 1851-1858.	4.2	41
106	Temporal variations in potential nitrification dynamics in soil related to differences in rates and types of carbon and nitrogen inputs. Soil Biology and Biochemistry, 2001, 33, 2135-2144.	4.2	38
107	Soil physics, fungal epidemiology and the spread of Rhizoctonia solani. New Phytologist, 2001, 151, 459-468.	3.5	88
108	Nutritional influence on fungal colony growth and biomass distribution in response to toxic metals. FEMS Microbiology Letters, 2001, 204, 311-316.	0.7	53

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109	Quantification of the in situ distribution of soil bacteria by large-scale imaging of thin sections of undisturbed soil. FEMS Microbiology Ecology, 2001, 37, 67-77.	1.3	104
110	Ecosystem response of pasture soil communities to fumigation-induced microbial diversity reductions: an examination of the biodiversity-ecosystem function relationship. Oikos, 2000, 90, 279-294.	1.2	529
111	Tillage, habitat space and function of soil microbes. Soil and Tillage Research, 2000, 53, 201-213.	2.6	258
112	Changes to water repellence of soil caused by the growth of white-rot fungi: studies using a novel microcosm system. FEMS Microbiology Letters, 2000, 184, 73-77.	0.7	50
113	Negative fungal chemotropism to toxic metals. FEMS Microbiology Letters, 2000, 193, 207-211.	0.7	55
114	Food preferences of earthworms for soil fungi. Pedobiologia, 2000, 44, 666-676.	0.5	175
115	%G+C profiling and cross hybridisation of microbial DNA reveals great variation in below-ground community structure in UK upland grasslands. Applied Soil Ecology, 2000, 14, 125-134.	2.1	43
116	Colony development in nutritionally heterogeneous enviromnents. , 1999, , 49-74.		13
117	Impact of fumigation with metam sodium upon soil microbial community structure in two Japanese soils. Soil Science and Plant Nutrition, 1999, 45, 207-223.	0.8	59
118	Evidence for emergent behaviour in the community-scale dynamics of a fungal microcosm. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1947-1952.	1.2	12
119	Title is missing!. , 1999, 212, 1-11.		160
120	Broad-scale analysis of soil microbial community DNA from Upland grasslands. Antonie Van Leeuwenhoek, 1998, 73, 9-14.	0.7	19
121	Interspecific fungal interactions in spatially heterogeneous systems. FEMS Microbiology Ecology, 1998, 27, 21-32.	1.3	24
122	Ryegrass rhizosphere microbial community structure under elevated carbon dioxide concentrations, with observations on wheat rhizosphere. Soil Biology and Biochemistry, 1998, 30, 315-321.	4.2	47
123	Can there be a contemporary ecological dimension to soil biology without a habitat?. Soil Biology and Biochemistry, 1998, 30, 1229-1232.	4.2	56
124	Soil microbial community structure: Effects of substrate loading rates. Soil Biology and Biochemistry, 1998, 31, 145-153.	4.2	428
125	Aggregation and collapse of fungal wall vesicles in hyphal tips: a model for the origin of the SpitzenkÃ¶rper. Philosophical Transactions of the Royal Society B: Biological Sciences, 1997, 352, 1963-1974.	1.8	16
126	Effects of animal manure application and crop plants upon size and activity of soil microbial biomass under organically grown spring barley. Biology and Fertility of Soils, 1997, 24, 372-377.	2.3	44

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127	Application of an augmented nitrification assay to elucidate the effects of a spring barley crop and manures on temporal variations in rates. Biology and Fertility of Soils, 1997, 24, 378-383.	2.3	12
128	Travelling waves and pattern formation in a model for fungal development. Journal of Mathematical Biology, 1997, 35, 589-608.	0.8	29
129	Direct extraction of microbial community DNA from humified upland soils. Letters in Applied Microbiology, 1997, 25, 30-33.	1.0	41
130	Effect of elevated CO 2 on rhizosphere carbon flow and soil microbial processes. Global Change Biology, 1997, 3, 363-377.	4.2	163
131	Relationship between Functional Diversity and Genetic Diversity in Complex Microbial Communities. , 1997, , 1-9.		29
132	Effects of soil matric potential and bulk density on the growth of Fusarium oxysporum f. sp. raphani. Soil Biology and Biochemistry, 1996, 28, 1139-1145.	4.2	14
133	Detailed visualisation of hyphal distribution in fungal mycelia growing in heterogeneous nutritional environments. Journal of Microbiological Methods, 1996, 25, 23-28.	0.7	26
134	Evaluation of polyester, epoxy and acrylic resins for suitability in preparation of soil thin sections for in situ biological studies. Geoderma, 1996, 69, 31-57.	2.3	42
135	Survival of bacterial and fungal populations following chloroform-fumigation: Effects of soil matric potential and bulk density. Soil Biology and Biochemistry, 1996, 28, 1545-1547.	4.2	35
136	Microbiological factors affecting the colonisation of soil aggregates by Fusarium oxysporum f. sp. raphani. Soil Biology and Biochemistry, 1996, 28, 1513-1521.	4.2	35
137	The origins of spatial heterogeneity in vegetative mycelia: a reaction-diffusion model. Mycological Research, 1996, 100, 1473-1480.	2.5	42
138	Large-scale behavior of fungal mycelia. Mathematical and Computer Modelling, 1996, 24, 81-87.	2.0	20
139	Image analysis of space-filling by networks: Application to a fungal mycelium. Biotechnology Letters, 1996, 10, 205-210.	0.5	23
140	Broad-scale approaches to the determination of soil microbial community structure: Application of the community DNA hybridization technique. Microbial Ecology, 1996, 31, 269-80.	1.4	40
141	Dynamics of mineral nitrogen in soils supporting potato crops. Biology and Fertility of Soils, 1995, 19, 36-40.	2.3	5
142	Growth responses of some soil fungi to spatially heterogeneous nutrients. FEMS Microbiology Ecology, 1995, 16, 269-280.	1.3	83
143	Effects of compost stability on plant growth, microbiological parameters and nitrogen availability in media containing mixed garden-waste compost. Bioresource Technology, 1995, 54, 279-284.	4.8	29
144	Nematodes as indicators of enhanced microbiological activity in a Scottish organic farming system. Soil Use and Management, 1994, 10, 20-24.	2.6	69

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145	Potential application of a community hybridization technique for assessing changes in the population structure of soil microbial communities. Soil Biology and Biochemistry, 1994, 26, 963-971.	4.2	33
146	Quantification of fungal morphology, gaseous transport and microbial dynamics in soil: an integrated framework utilising fractal geometry. Geoderma, 1993, 56, 157-172.	2.3	109
147	Quantification of fungal morphology, gaseous transport and microbial dynamics in soil: an integrated framework utilising fractal geometry. , 1993, , 157-172.		2
148	Soil microbial biomass and activity under a potato crop fertilised with N with and without C. Biology and Fertility of Soils, 1992, 12, 265-271.	2.3	35
149	Variations in the rates of nitrification and denitrification during the growth of potatoes (Solanum) Tj ETQq1 1 0.784314 rgBT /Overlock plant yield. Biology and Fertility of Soils, 1991, 11, 157-162.	2.3	29
150	Microbial biomass and mineral N transformations in soil planted with barley, ryegrass, pea or turnip. Plant and Soil, 1990, 127, 157-167.	1.8	72
151	Quantification of the fractal nature of colonies of Trichoderma viride. Mycological Research, 1990, 94, 1138-1141.	2.5	88
152	Root-induced nitrogen mineralisation: A theoretical analysis. Plant and Soil, 1989, 117, 185-193.	1.8	63
153	Freezing as a means of preserving samples in soil respiration studies. Biology and Fertility of Soils, 1989, 8, 95.	2.3	6
154	Effects of water amendment on basal and substrate-induced respiration rates of mineral soils. Biology and Fertility of Soils, 1989, 8, 242.	2.3	8
155	Temporal variations in soil microbial biomass C and N under a spring barley crop. Soil Biology and Biochemistry, 1988, 20, 625-630.	4.2	27
156	A technique to extract, enumerate and measure protozoa from mineral soils. Soil Biology and Biochemistry, 1988, 20, 163-173.	4.2	54
157	Effects of carbon and nitrate additions to soil upon leaching of nitrate, microbial predators and nitrogen uptake by plants. Plant and Soil, 1987, 102, 229-237.	1.8	32
158	Nutrient transport between ryegrass plants differeing in nutrient status. Oecologia, 1986, 70, 128-131.	0.9	18
159	The preparation of soil thin sections for biological studies. Journal of Soil Science, 1986, 37, 681-690.	1.2	48
160	EVIDENCE ON THE PATHWAYS OF PHOSPHORUS TRANSFER BETWEEN VESICULAR â€“ ARBUSCULAR MYCORRHIZAL PLANTS. New Phytologist, 1986, 104, 77-87.	3.5	63
161	Evidence for Rapid Cycling of Phosphorus from Dying Roots to Living Plants. Oikos, 1985, 45, 174.	1.2	36
162	Slow-release 15N fertilizer formulations to measure N2-fixation by isotope dilution. Soil Biology and Biochemistry, 1984, 16, 657-661.	4.2	66

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163	Movement of 32 P between Intact Grassland Plants of the Same Age. Oikos, 1984, 43, 138.	1.2	21
164	Fungal roles in transport processes in soils. , 0, , 51-73.		7
165	Community DNA hybridisation and %G+C profiles of microbial communities from heavy metal polluted soils. , 0, .		4