Rainer Georg Joergensen

List of Publications by Year
in descending order

182	9,469	57719 44	45285 90
papers	citations	h-index	g-index

184	184	184	6789
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phospholipid fatty acids in soilâ€"drawbacks and future prospects. Biology and Fertility of Soils, 2022, 58, 1-6.	2.3	81
2	Microbial response of distinct soil types to land-use intensification at a South-Indian rural-urban interface. Plant and Soil, 2022, 473, 389-405.	1.8	5
3	Variations in fungal community structure along elevation gradients in contrasting Austrian Alpine ecosystems. Applied Soil Ecology, 2022, 177, 104508.	2.1	7
4	The Effects of Conservation Tillage on Chemical and Microbial Soil Parameters at Four Sites across Europe. Plants, 2022, 11, 1747.	1.6	9
5	The combined application of nitrogen and biochar reduced microbial carbon limitation in irrigated soils of West African urban horticulture. Chemical and Biological Technologies in Agriculture, 2022, 9, .	1.9	1
6	Mineralisation of distinct biogas digestate qualities directly after application to soil. Biology and Fertility of Soils, 2021, 57, 235-243.	2.3	17
7	Soil microbial properties of subalpine steppe soils at different grazing intensities in the Chinese Altai Mountains. Scientific Reports, 2021, 11, 1653.	1.6	12
8	Feed Quality and Feeding Level Effects on Faecal Composition in East African Cattle Farming Systems. Animals, 2021, 11, 564.	1.0	6
9	Microbial necromass formation, enzyme activities and community structure in two alpine elevation gradients with different bedrock types. Geoderma, 2021, 386, 114922.	2.3	26
10	Soil N2O flux and nitrification and denitrification gene responses to feed-induced differences in the composition of dairy cow faeces. Biology and Fertility of Soils, 2021, 57, 767-779.	2.3	12
11	Temperature sensitivity of CO2 efflux in soils from two alpine elevation levels with distinct bedrock types. Applied Soil Ecology, 2021, 162, 103875.	2.1	3
12	Evidence of considerable C and N transfer from peas to cereals via direct root contact but not via mycorrhiza. Scientific Reports, 2021, 11, 11424.	1.6	9
13	Microbial Biomass Sulphurâ€"An Important Yet Understudied Pool in Soil. Agronomy, 2021, 11, 1606.	1.3	14
14	Functions of elements in soil microorganisms. Microbiological Research, 2021, 252, 126832.	2.5	55
15	Effects of converting a temperate short-rotation coppice to a silvo-arable alley cropping agroforestry system on soil quality indicators. Agroforestry Systems, 2020, 94, 389-400.	0.9	16
16	Arbuscular mycorrhizal dependency and phosphorus responsiveness of released, landrace and wild Sudanese sorghum genotypes. Archives of Agronomy and Soil Science, 2020, 66, 706-716.	1.3	5
17	Impact of willow-based grassland alley cropping in relation to its plant species diversity on soil ecology of former arable land. Applied Soil Ecology, 2020, 147, 103373.	2.1	8
18	Carbon use efficiency and microbial functional diversity in a temperate Luvisol and a tropical Nitisol after millet litter and N addition. Biology and Fertility of Soils, 2020, 56, 1139-1150.	2.3	15

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19	Functional microbial diversity responses to biodynamic management in Burgundian vineyard soils. Biological Agriculture and Horticulture, 2020, 36, 172-186.	0.5	5
20	Changes in plant community and soil ecological indicators in response to Prosopis juliflora and Acacia mearnsii invasion and removal in two biodiversity hotspots in Southern India. Soil Ecology Letters, 2020, 2, 61-72.	2.4	16
21	Organic Amendments Alleviate Salinity Effects on Soil Microorganisms and Mineralisation Processes in Aerobic and Anaerobic Paddy Rice Soils. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	48
22	Soil organic matter mobilization by re-compaction of old forest skid trails. European Journal of Soil Biology, 2020, 98, 103173.	1.4	7
23	Get on your boots: estimating root biomass and rhizodeposition of peas under field conditions reveals the necessity of field experiments. Plant and Soil, 2019, 443, 449-462.	1.8	16
24	Respiration response to different tillage intensities in transplanted soil columns. Geoderma, 2019, 352, 289-297.	2.3	11
25	Coffee mucilage impact on young coffee seedlings and soil microorganisms. Journal of Plant Nutrition and Soil Science, 2019, 182, 782-790.	1.1	1
26	Relationships between feeding and microbial faeces indices in dairy cows at different milk yield levels. PLoS ONE, 2019, 14, e0221266.	1.1	7
27	Mycorrhiza response and phosphorus acquisition efficiency of sorghum cultivars differing in strigolactone composition. Plant and Soil, 2019, 437, 55-63.	1.8	8
28	Winter decomposition of maize leaf litter at arable silt and clay sites, using a reciprocal soil transplantation approach. European Journal of Soil Biology, 2019, 93, 103088.	1.4	2
29	Response of maize leaf decomposition in litterbags and soil bags to different tillage intensities in a long-term field trial. Applied Soil Ecology, 2019, 141, 38-44.	2.1	12
30	Variations in soil and microbial biomass C, N and fungal biomass ergosterol along elevation and depth gradients in Alpine ecosystems. Geoderma, 2019, 345, 93-103.	2.3	26
31	Soil organic C and N stocks in the first rotation of poplar plantations in Germany. Geoderma Regional, 2019, 16, e00211.	0.9	4
32	Stoichiometry of the soil microbial biomass in response to amendments with varying C/N/P/S ratios. Biology and Fertility of Soils, 2019, 55, 265-274.	2.3	48
33	Evaluation of organic sunflower fertilization using Î´15N values. Organic Agriculture, 2019, 9, 365-372.	1.2	3
34	Similar spatial patterns of soil quality indicators in three poplar-based silvo-arable alley cropping systems in Germany. Biology and Fertility of Soils, 2019, 55, 1-14.	2.3	41
35	Microbial communities and residues in robinia- and poplar-based alley-cropping systems under organic and integrated management. Agroforestry Systems, 2018, 92, 35-46.	0.9	13
36	Microbial biomass and activity down the soil profile after long-term addition of farmyard manure to a sandy soil. Organic Agriculture, 2018, 8, 29-38.	1.2	7

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37	TANNINS IN GOAT DIETS MODIFY MANURE TURNOVER IN A SUBTROPICAL SOIL. Experimental Agriculture, 2018, 54, 655-669.	0.4	9
38	Alive and kicking: Why dormant soil microorganisms matter. Soil Biology and Biochemistry, 2018, 116, 419-430.	4.2	181
39	Fungal plant pathogens on inoculated maize leaves in a simulated soil warming experiment. Applied Soil Ecology, 2018, 124, 75-82.	2.1	3
40	Comparison of different methods for determining lignin concentration and quality in herbaceous and woody plant residues. Plant and Soil, 2018, 433, 7-18.	1.8	9
41	Spatial variability of soil properties in the floodplain of a river oasis in the Mongolian Altay Mountains. Geoderma, 2018, 330, 99-106.	2.3	19
42	Even flow? Changes of carbon and nitrogen release from pea roots over time. Plant and Soil, 2018, 431, 143-157.	1.8	19
43	Amino sugars as specific indices for fungal and bacterial residues in soil. Biology and Fertility of Soils, 2018, 54, 559-568.	2.3	229
44	Effects of Land Use on Microbial Indices in Tantalite Mine Soils, Western Rwanda. Land Degradation and Development, 2017, 28, 181-188.	1.8	9
45	Soil microbial indicators across land use types in the river oasis Bulgan sum center, Western Mongolia. Ecological Indicators, 2017, 76, 111-118.	2.6	20
46	Plant residue and native organic matter decomposition under subsoil-specific gas conditions â€“ Comparing topsoils with C-poor and C-rich subsoils. Geoderma, 2017, 292, 1-8.	2.3	5
47	Microbial biomass phosphorus and C/N/P stoichiometry in forest floor and A horizons as affected by tree species. Soil Biology and Biochemistry, 2017, 111, 166-175.	4.2	65
48	Effect of biodynamic soil amendments on microbial communities in comparison with inorganic fertilization. Applied Soil Ecology, 2017, 114, 82-89.	2.1	39
49	Response of water extractable organic matter and its fluorescence fractions to organic farming and tree species in poplar and robinia-based alley cropping agroforestry systems. Geoderma, 2017, 290, 83-90.	2.3	12
50	Water-extractable organic matter and its fluorescence fractions in response to minimum tillage and organic farming in a Cambisol. Chemical and Biological Technologies in Agriculture, 2017, 4, .	1.9	12
51	Effects of biogas and raw slurries on grass growth and soil microbial indices. Journal of Plant Nutrition and Soil Science, 2016, 179, 215-222.	1.1	33
52	Soil microbial community and microbial residues respond positively to minimum tillage under organic farming in Southern Germany. Applied Soil Ecology, 2016, 108, 16-24.	2.1	50
53	Quantitative microbial indices in biogas and raw cattle slurries. Engineering in Life Sciences, 2016, 16, 231-237.	2.0	12
54	Rice straw addition does not substantially alter microbial properties under hypersaline soil conditions. Biology and Fertility of Soils, 2016, 52, 867-877.	2.3	20

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55	Changes in P fractions after long-term application of biogas slurry to soils under organic farming. Organic Agriculture, 2016, 6, 297-306.	1.2	5
56	Digging in the dirt â€“ Inadequacy of belowground plant biomass quantification. Soil Biology and Biochemistry, 2016, 96, 137-144.	4.2	27
57	Microbial biomass, fungal and bacterial residues, and their relationships to the soil organic matter C/N/P/S ratios. Geoderma, 2016, 271, 115-123.	2.3	208
58	Effects of quebracho tannin extract (Schinopsis balansae) and activated charcoal on feed intake and digestibility by goats and their faecal microbial biomass. Biological Agriculture and Horticulture, 2016, 32, 159-169.	0.5	4
59	Response of soil microorganisms after converting a saline desert to arable land in central Asia. Applied Soil Ecology, 2016, 98, 1-7.	2.1	20
60	Response of maize and soil microorganisms to decomposing poplar root residues after shallow or homogenous mixing into soil. Journal of Plant Nutrition and Soil Science, 2015, 178, 507-514.	1.1	5
61	Response of white mustard (Sinapis alba) and the soil microbial biomass to P and Zn addition in a greenhouse pot experiment. Journal of Plant Nutrition and Soil Science, 2015, 178, 834-840.	1.1	9
62	Short-term changes in amino sugar-specific Î´13C values after application of C4 and C3 sucrose. Soil Biology and Biochemistry, 2015, 91, 92-98.	4.2	13
63	Microorganisms and their substrate utilization patterns in topsoil and subsoil layers of two silt loams, differing in soil organic C accumulation due to colluvial processes. Soil Biology and Biochemistry, 2015, 91, 310-317.	4.2	41
64	Translocation of 13C-labeled leaf or root litter carbon of beech (Fagus sylvatica L.) and ash (Fraxinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Biochemistry, 2015, 83, 125-137.	4.2	24
65	Soil Properties Under ManuredTamarindus indicain the Littoral Plain of South-Western Madagascar. Arid Land Research and Management, 2015, 29, 167-179.	0.6	6
66	Effects of activated charcoal and tannin added to compost and to soil on carbon dioxide, nitrous oxide and ammonia volatilization. Journal of Plant Nutrition and Soil Science, 2015, 178, 218-228.	1.1	12
67	Priming effects of Aporrectodea caliginosa on young rhizodeposits and old soil organic matter following wheat straw addition. European Journal of Soil Biology, 2015, 70, 38-45.	1.4	13
68	Response of soil fertility indices to long-term application of biogas and raw slurry under organic farming. Applied Soil Ecology, 2015, 96, 99-107.	2.1	47
69	Effects of addition of maize litter and earthworms on C mineralization and aggregate formation in single and mixed soils differing in soil organic carbon and clay content. Pedobiologia, 2014, 57, 161-169.	0.5	26
70	Microbial use of sugarcane filter cake in an artificial saline substrate varying in anion composition and inoculant at different temperatures. Archives of Agronomy and Soil Science, 2014, 60, 327-335.	1.3	2
71	Impact of activated charcoal and tannin amendments on microbial biomass and residues in an irrigated sandy soil under arid subtropical conditions. Biology and Fertility of Soils, 2014, 50, 95-103.	2.3	19
72	Initial decomposition of post-harvest crown and root residues of poplars as affected by N availability and particle size. Biology and Fertility of Soils, 2014, 50, 675-683.	2.3	12

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73	Changes in Soil Microbial Biomass and Residual Indices as Ecological Indicators of Land Use Change in Temperate Permanent Grassland. Microbial Ecology, 2014, 67, 907-918.	1.4	46
74	Substrate use and survival of fungal plant pathogens on maize residues at winter temperatures around freezing point. Soil Biology and Biochemistry, 2014, 77, 141-149.	4.2	5
75	Long-term influence of different tillage intensities on soil microbial biomass, residues and community structure at different depths. Biology and Fertility of Soils, 2014, 50, 487-498.	2.3	47
76	Soil substrate utilization pattern and relation of functional evenness of plant groups and soil microbial community in five low mountain NATURA 2000. Plant and Soil, 2014, 383, 275-289.	1.8	16
77	Carbon and nitrogen mineralization at different salinity levels in Omani low organic matter soils. Journal of Arid Environments, 2014, 100-101, 106-110.	1.2	16
78	Organic fertilizer effects on growth, crop yield, and soil microbial biomass indices in sole and intercropped peas and oats under organic farming conditions. European Journal of Agronomy, 2014, 52, 259-270.	1.9	93
79	Microbial residue indices down the soil profile after long-term addition of farmyard manure and mineral fertilizer to a sandy soil. Geoderma, 2014, 226-227, 79-84.	2.3	43
80	Carbon in plant biomass and soils of poplar and willow plantationsâ€"implications for SOC distribution in different soil fractions after re-conversion to arable land. Plant and Soil, 2013, 367, 407-417.	1.8	22
81	Specific response of fungal and bacterial residues to one-season tillage and repeated slurry application in a permanent grassland soil. Applied Soil Ecology, 2013, 72, 31-40.	2.1	16
82	Effect of cattle faeces with different microbial biomass content on soil properties, gaseous emissions and plant growth. Biology and Fertility of Soils, 2013, 49, 61-70.	2.3	36
83	Changes in functional diversity of the soil microbial community in a heterogeneous sandy soil after long-term fertilization with cattle manure and mineral fertilizer. Applied Soil Ecology, 2013, 63, 23-28.	2.1	98
84	Microbial biomass in faeces of dairy cows affected by a nitrogen deficient diet. Archives of Animal Nutrition, 2013, 67, 104-118.	0.9	11
85	Development of aggregates after application of maize residues in the presence of mycorrhizal and non-mycorrhizal pea plants. Geoderma, 2013, 202-203, 38-44.	2.3	8
86	Dose-dependent reactions of Aporrectodea caliginosa to perfluorooctanoic acid and perfluorooctanesulfonic acid in soil. Ecotoxicology and Environmental Safety, 2013, 95, 39-43.	2.9	23
87	Organic fertilizer effects on pea yield, nutrient uptake, microbial root colonization and soil microbial biomass indices in organic farming systems. European Journal of Agronomy, 2013, 49, 32-41.	1.9	33
88	Microbial use of 15N-labelled maize residues affected by winter temperature scenarios. Soil Biology and Biochemistry, 2013, 65, 22-32.	4.2	24
89	Comparison of HPLC Methods for the Determination of Amino Sugars in Soil Hydrolysates. Analytical Letters, 2013, 46, 2145-2164.	1.0	9
90	Interactions of mustard plants and soil microorganisms after application of sugarcane filter cake and pea residues to an Andosol. Journal of Plant Nutrition and Soil Science, 2012, 175, 931-938.	1.1	6

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91	Relationships between P fractions and the microbial biomass in soils under different land use management. Geoderma, 2012, 173-174, 274-281.	2.3	51
92	Determination of saprotrophic fungi turnover in different substrates by glucosamine-specific Î´13C liquid chromatography/isotope ratio mass spectrometry. Fungal Ecology, 2012, 5, 694-701.	0.7	13
93	Impact of pea growth and arbuscular mycorrhizal fungi on the decomposition of 15N-labeled maize residues. Biology and Fertility of Soils, 2012, 48, 547-560.	2.3	21
94	Soil microorganisms and the growth ofLupinus albuson a high metal soil in the presence of EDTA. Archives of Agronomy and Soil Science, 2011, 57, 115-126.	1.3	3
95	Application of biochemical degradation indices to the microbial decomposition of maize leaves and wheat straw in soils under different tillage systems. Geoderma, 2011, 162, 207-214.	2.3	14
96	Influence of tillage on degradation kinetics using the litterbag method. European Journal of Soil Biology, 2011, 47, 198-204.	1.4	19
97	Measuring the CO₂ production from maizeâ€strawâ€amended soil columnsâ€" a comparison of four methods. Journal of Plant Nutrition and Soil Science, 2011, 174, 373-380.	1.1	1
98	Measuring soil microbial biomass using an automated procedure. Soil Biology and Biochemistry, 2011, 43, 873-876.	4.2	98
99	Determination of microbial biomass and fungal and bacterial distribution in cattle faeces. Soil Biology and Biochemistry, 2011, 43, 1237-1244.	4.2	30
100	Changes in microbial biomass indices after 10 years of farmyard manure and vegetal fertilizer application to a sandy soil under organic management. Plant and Soil, 2011, 343, 221-234.	1.8	27
101	Litter decomposition in fertilizer treatments of vegetable crops under irrigated subtropical conditions. Biology and Fertility of Soils, 2011, 47, 71-80.	2.3	15
102	Mid-term tracing of 15N derived from urine and dung in soil microbial biomass. Biology and Fertility of Soils, 2011, 47, 147-155.	2.3	21
103	Optimisation of amino sugar quantification by HPLC in soil and plant hydrolysates. Biology and Fertility of Soils, 2011, 47, 387-396.	2.3	93
104	Soil CO2evolution rates in the field â€" a comparison of three methods. Archives of Agronomy and Soil Science, 2011, 57, 597-608.	1.3	8
105	Carbon dioxide production and oxygen consumption during the early decomposition of different litter types over a range of temperatures in soilâ€inoculated quartz sand. Journal of Plant Nutrition and Soil Science, 2010, 173, 217-223.	1.1	12
106	Development of ergosterol, microbial biomass C, N, and P after steaming as a result of sucrose addition, and Sinapis alba cultivation. Biology and Fertility of Soils, 2010, 46, 323-331.	2.3	8
107	Long-term effects of organic farming on fungal and bacterial residues in relation to microbial energy metabolism. Biology and Fertility of Soils, 2010, 46, 303-307.	2.3	111
108	Effects of fertilizer and spatial heterogeneity in soil pH on microbial biomass indices in a long-term field trial of organic agriculture. Plant and Soil, 2010, 328, 203-215.	1.8	126

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109	Effects of Zn and P addition on the microbial biomass in a Zn deficient calcareous soil amended with glucose. Plant and Soil, 2010, 335, 493-499.	1.8	7
110	Decomposition of 15N-labelled maize leaves in soil affected by endogeic geophagous Aporrectodea caliginosa. Soil Biology and Biochemistry, 2010, 42, 276-282.	4.2	21
111	Fate of 13C- and 15N-labelled rhizodeposition of Lolium perenne as function of the distance to the root surface. Soil Biology and Biochemistry, 2010, 42, 910-918.	4.2	35
112	Pathways of nitrogen utilization by soil microorganisms â€“ A review. Soil Biology and Biochemistry, 2010, 42, 2058-2067.	4.2	551
113	Organic Matter and Micro-Organisms in Tropical Soils. Soil Biology, 2010, , 17-44.	0.6	33
114	Microbial use and decomposition of maize leaf straw incubated in packed soil columns at different depths. European Journal of Soil Biology, 2010, 46, 27-33.	1.4	42
115	Specific respiration rates, adenylates, and energy budgets of soil microorganisms after addition of transgenic Bt-maize straw. Pedobiologia, 2010, 53, 191-196.	0.5	13
116	Influence of mouldboard plough and rotary harrow tillage on microbial biomass and nutrient stocks in two long-term experiments on loess derived Luvisols. Applied Soil Ecology, 2010, 46, 405-412.	2.1	43
117	Simultaneous measurement of S, macronutrients, and heavy metals in the soil microbial biomass with CHCl3 fumigation and NH4NO3 extraction. Soil Biology and Biochemistry, 2009, 41, 309-314.	4.2	44
118	Impact of legume versus cereal root residues on biological properties of West African soils. Plant and Soil, 2009, 325, 145-156.	1.8	5
119	Immobilization and mineralization of nitrogen in a saline and alkaline soil during microbial use of sugarcane filter cake amended with glucose. Biology and Fertility of Soils, 2009, 45, 289-296.	2.3	18
120	Changes in microbial biomass and P fractions in biogenic household waste compost amended with inorganic P fertilizers. Bioresource Technology, 2009, 100, 303-309.	4.8	136
121	Dynamics of mineral components in the forest floor of an acidic beech (Fagus sylvatica L.) forest. European Journal of Soil Biology, 2009, 45, 285-289.	1.4	14
122	CO2 evolution and N mineralization after biogas slurry application in the field and its yield effects on spring barley. Applied Soil Ecology, 2009, 42, 297-302.	2.1	92
123	Soil Microbial Properties Along a Precipitation Transect in Southern Africa. Arid Land Research and Management, 2009, 23, 115-126.	0.6	24
124	Decomposition of Zn-rich Arabidopsis halleri Litter in Low and High Metal Soil in the Presence and Absence of EDTA. Water, Air, and Soil Pollution, 2008, 188, 195-204.	1.1	10
125	Vineyard soils under organic and conventional managementâ€”microbial biomass and activity indices and their relation to soil chemical properties. Biology and Fertility of Soils, 2008, 44, 443-450.	2.3	72
126	Decomposition of maize residues after manipulation of colonization and its contribution to the soil microbial biomass. Biology and Fertility of Soils, 2008, 44, 891-895.	2.3	37

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127	Formation and use of microbial residues after adding sugarcane sucrose to a heated soil devoid of soil organic matter. Soil Biology and Biochemistry, 2008, 40, 97-105.	4.2	32
128	Nitrogen rhizodeposition in agricultural crops: Methods, estimates and future prospects. Soil Biology and Biochemistry, 2008, 40, 30-48.	4.2	244
129	Microbial use of organic amendments in saline soils monitored by changes in the 13C/12C ratio. Soil Biology and Biochemistry, 2008, 40, 1217-1224.	4.2	24
130	Soilâ€microbial response to sugarcane filter cake and biogenic waste compost. Journal of Plant Nutrition and Soil Science, 2008, 171, 355-360.	1.1	23
131	Decomposition of wheat straw differing in nitrogen content in soils under conventional and organic farming management. Journal of Plant Nutrition and Soil Science, 2008, 171, 886-892.	1.1	64
132	Comparison of methods for measuring heavy metals and total phosphorus in soils contaminated by different sources. Archives of Agronomy and Soil Science, 2008, 54, 413-422.	1.3	38
133	Compost and P amendments for stimulating microorganisms and maize growth in a saline soil from Pakistan in comparison with a nonsaline soil from Germany. Journal of Plant Nutrition and Soil Science, 2007, 170, 745-752.	1.1	39
134	Reaction of microorganisms to rewetting in continuous cereal and legume rotation soils of semi-arid Sub-Saharan Africa. Soil Biology and Biochemistry, 2007, 39, 1512-1517.	4.2	17
135	Microbial use of maize cellulose and sugarcane sucrose monitored by changes in the 13C/12C ratio. Soil Biology and Biochemistry, 2007, 39, 1888-1896.	4.2	25
136	Shifts in amino sugar and ergosterol contents after addition of sucrose and cellulose to soil. Soil Biology and Biochemistry, 2007, 39, 2111-2118.	4.2	261
137	Respiration pattern and microbial use of field-grown transgenic Bt-maize residues. Soil Biology and Biochemistry, 2007, 39, 2380-2389.	4.2	36
138	Rhizodeposition of C and N in peas and oats after 13Câ€“15N double labelling under field conditions. Soil Biology and Biochemistry, 2007, 39, 2527-2537.	4.2	77
139	Release of C and N from roots of peas and oats and their availability to soil microorganisms. Soil Biology and Biochemistry, 2007, 39, 2829-2839.	4.2	90
140	Microbial biomass and activity indices after organic substrate addition to a selenium-contaminated soil. Biology and Fertility of Soils, 2007, 44, 241-244.	2.3	12
141	Sources of Heavy Metals and Their Long-term Effects on Microbial C, N and P Relationships in Soil. Water, Air, and Soil Pollution, 2007, 181, 225-234.	1.1	16
142	Methods for evaluating human impact on soil microorganisms based on their activity, biomass, and diversity in agricultural soils. Journal of Plant Nutrition and Soil Science, 2006, 169, 295-309.	1.1	232
143	Microbial reaction of secondary tropical forest soils to the addition of leaf litter. Applied Soil Ecology, 2006, 31, 53-61.	2.1	32
144	Salinity-induced changes in the microbial use of sugarcane filter cake added to soil. Applied Soil Ecology, 2006, 31, 1-10.	2.1	56

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145	Decomposition of heavy metal contaminated nettles (Urtica dioica L.) in soils subjected to heavy metal pollution by river sediments. Chemosphere, 2006, 65, 981-987.	4.2	27
146	Impact of salinity on soil microbial communities and the decomposition of maize in acidic soils. Geoderma, 2006, 137, 100-108.	2.3	359
147	Permanent-soil monitoring sites for documentation of soil-fertility development after changing from conventional to organic farming. Journal of Plant Nutrition and Soil Science, 2006, 169, 564-572.	1.1	13
148	Microbial C, N, and P relationships in moisture-stressed soils of Potohar, Pakistan. Journal of Plant Nutrition and Soil Science, 2006, 169, 494-500.	1.1	39
149	Evaluation of arbuscular mycorrhiza with symbiotic and nonsymbiotic pea isolines at three sites in the Alentejo, Portugal. Journal of Plant Nutrition and Soil Science, 2006, 169, 661-669.	1.1	14
150	Impact of cycloheximide addition on adenylates in soil. Soil Biology and Biochemistry, 2006, 38, 222-228.	4.2	7
151	Microbial colonisation of roots as a function of plant species. Soil Biology and Biochemistry, 2006, 38, 1040-1051.	4.2	258
152	Microbial reaction in activity, biomass, and community structure after long-term continuous mixing of a grassland soil. Soil Biology and Biochemistry, 2005, 37, 1249-1258.	4.2	44
153	Dynamics of maize (Zea mays L.) leaf straw mineralization as affected by the presence of soil and the availability of nitrogen. Soil Biology and Biochemistry, 2005, 37, 1259-1266.	4.2	86
154	Quantification of Soil Microbial Biomass by Fumigation-Extraction. , 2005, , 281-295.		17
155	Effects of manure quality and application forms on soil C and N turnover of a subtropical oasis soil under laboratory conditions. Biology and Fertility of Soils, 2004, 39, 165-171.	2.3	45
156	Changes in amino acid enantiomers and microbial performance in soils from a subtropical mountain oasis in Oman abandoned for different periods. Biology and Fertility of Soils, 2004, 39, 398-406.	2.3	23
157	The automated determination of glucosamine, galactosamine, muramic acid, and mannosamine in soil and root hydrolysates by HPLC. Journal of Plant Nutrition and Soil Science, 2004, 167, 17-21.	1.1	92
158	Field measurements of the CO2 evolution rate under different crops during an irrigation cycle in a mountain oasis of Oman. Applied Soil Ecology, 2004, 25, 85-91.	2.1	32
159	Soil fertility breakdown in a subtropical South African vertisol site used as a home garden. Biology and Fertility of Soils, 2003, 37, 288-294.	2.3	9
160	Adenylates as an estimate of microbial biomass C in different soil groups. Soil Biology and Biochemistry, 2003, 35, 1485-1491.	4.2	42
161	The determination of Î´13C in soil microbial biomass using fumigation-extraction. Soil Biology and Biochemistry, 2003, 35, 947-954.	4.2	93
162	Microbial performance in soils along a salinity gradient under acidic conditions. Applied Soil Ecology, 2003, 23, 237-244.	2.1	263

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163	Relation between respiration, ATP content, and Adenylate Energy Charge (AEC) after incubation at different temperatures and after drying and rewetting. Journal of Plant Nutrition and Soil Science, 2002, 165, 435.	1.1	19
164	C and net N mineralisation in a coniferous forest soil: the contribution of the temporal variability of microbial biomass C and N. Soil Biology and Biochemistry, 2002, 34, 841-849.	4.2	42
165	Adenylate energy charge of a glucose-treated soil without adding a nitrogen source. Soil Biology and Biochemistry, 2002, 34, 1317-1324.	4.2	32
166	Relationships between soil microbial indices in secondary tropical forest soils. Applied Soil Ecology, 2002, 21, 211-219.	2.1	66
167	Long-term effects on soil microbial properties of heavy metals from industrial exhaust deposition. Journal of Plant Nutrition and Soil Science, 2001, 164, 657-663.	1.1	36
168	Decomposition of 14C glucose in two soils with different amounts of heavy metal contamination. Soil Biology and Biochemistry, 2001, 33, 1811-1816.	4.2	74
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