Stefan Scheu

List of Publications by Year
in descending order

451 papers	30,742 citations	3919 88 h-index	8835 145 g-index
468 all docs	468 docs citations	468 times ranked	20189 citing authors

#	Article	IF	Citations
1	Biodiversity and Litter Decomposition in Terrestrial Ecosystems. Annual Review of Ecology, Evolution, and Systematics, 2005, 36, 191-218.	3.8	1,258
2	Plant diversity increases soil microbial activity and soil carbon storage. Nature Communications, 2015, 6, 6707.	5.8	949
3	Organoâ€mineral associations in temperate soils: Integrating biology, mineralogy, and organic matter chemistry. Journal of Plant Nutrition and Soil Science, 2008, 171, 61-82.	1.1	892
4	Bottom-up effects of plant diversity on multitrophic interactions in a biodiversity experiment. Nature, 2010, 468, 553-556.	13.7	786
5	Soil nematode abundance and functional group composition at a global scale. Nature, 2019, 572, 194-198.	13.7	635
6	Consequences of biodiversity loss for litter decomposition across biomes. Nature, 2014, 509, 218-221.	13.7	600
7	Long-term organic farming fosters below and aboveground biota: Implications for soil quality, biological control and productivity. Soil Biology and Biochemistry, 2008, 40, 2297-2308.	4.2	457
8	Non-native invasive earthworms as agents of change in northern temperate forests. Frontiers in Ecology and the Environment, 2004, 2, 427-435.	1.9	387
9	Trophic niche differentiation in soil microarthropods (Oribatida, Acari): evidence from stable isotope ratios (15N/14N). Soil Biology and Biochemistry, 2004, 36, 1769-1774.	4.2	344
10	The underestimated importance of belowground carbon input for forest soil animal food webs. Ecology Letters, 2007, 10, 729-736.	3.0	317
11	Root biomass and exudates link plant diversity with soil bacterial and fungal biomass. Scientific Reports, 2017, 7, 44641.	1.6	309
12	Biodiversity effects on ecosystem functioning in a 15-year grassland experiment: Patterns, mechanisms, and open questions. Basic and Applied Ecology, 2017, 23, 1-73.	1.2	307
13	Feeding guilds in Collembola based on nitrogen stable isotope ratios. Soil Biology and Biochemistry, 2005, 37, 1718-1725.	4.2	298
14	Automated measurement of the respiratory response of soil microcompartments: Active microbial biomass in earthworm faeces. Soil Biology and Biochemistry, 1992, 24, 1113-1118.	4.2	258
15	Invasion of a deciduous forest by earthworms: Changes in soil chemistry, microflora, microarthropods and vegetation. Soil Biology and Biochemistry, 2007, 39, 1099-1110.	4.2	229
16	Ecological and socio-economic functions across tropical land use systems after rainforest conversion. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150275.	1.8	222
17	Soil amoebae rapidly change bacterial community composition in the rhizosphere of <i>Arabidopsis thaliana</i>. ISME Journal, 2009, 3, 675-684.	4.4	218
18	Plant diversity improves protection against soilâ€borne pathogens by fostering antagonistic bacterial communities. Journal of Ecology, 2012, 100, 597-604.	1.9	218

#	Article	IF	Citations
19	Protozoa, Nematoda and Lumbricidae in the rhizosphere of Hordelymus europeaus (Poaceae): faunal interactions, response of microorganisms and effects on plant growth. Oecologia, 1996, 106, 111-126.	0.9	217
20	Stable isotope enrichment (Î´15N and Î´13C) in a generalist predator (Pardosa lugubris, Araneae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	0.9	216
21	Plants and generalist predators as links between the below-ground and above-ground system. Basic and Applied Ecology, 2001, 2, 3-13.	1.2	211
22	Adding to â€˜the enigma of soil animal diversityâ€™: fungal feeders and saprophagous soil invertebrates prefer similar food substrates. European Journal of Soil Biology, 2003, 39, 85-95.	1.4	202
23	The soil food web: structure and perspectives. European Journal of Soil Biology, 2002, 38, 11-20.	1.4	201
24	The structure of oribatid mite communities (Acari, Oribatida): patterns, mechanisms and implications for future research. Ecography, 2000, 23, 374-382.	2.1	197
25	Biotic and Abiotic Properties Mediating Plant Diversity Effects on Soil Microbial Communities in an Experimental Grassland. PLoS ONE, 2014, 9, e96182.	1.1	188
26	Land-use choices follow profitability at the expense of ecological functions in Indonesian smallholder landscapes. Nature Communications, 2016, 7, 13137.	5.8	186
27	Links between the detritivore and the herbivore system: effects of earthworms and Collembola on plant growth and aphid development. Oecologia, 1999, 119, 541-551.	0.9	172
28	Plant Diversity Surpasses Plant Functional Groups and Plant Productivity as Driver of Soil Biota in the Long Term. PLoS ONE, 2011, 6, e16055.	1.1	172
29	Compartmentalization of the soil animal food web as indicated by dual analysis of stable isotope ratios (15N/14N and 13C/12C). Soil Biology and Biochemistry, 2009, 41, 1221-1226.	4.2	169
30	Microbial respiration, biomass, biovolume and nutrient status in burrow walls of Lumbricus terrestris L. (Lumbricidae). Soil Biology and Biochemistry, 1999, 31, 2039-2048.	4.2	168
31	Facilitative interactions rather than resource partitioning drive diversity-functioning relationships in laboratory fungal communities. Ecology Letters, 2005, 8, 618-625.	3.0	168
32	BOTTOM-UP CONTROL OF THE SOIL MACROFAUNA COMMUNITY IN A BEECHWOOD ON LIMESTONE: MANIPULATION OF FOOD RESOURCES. Ecology, 1998, 79, 1573-1585.	1.5	167
33	Increasing antagonistic interactions cause bacterial communities to collapse at high diversity. Ecology Letters, 2012, 15, 468-474.	3.0	167
34	Microbial-faunal interactions in the rhizosphere and effects on plant growth. European Journal of Soil Biology, 2000, 36, 135-147.	1.4	163
35	The soil fauna community in pure and mixed stands of beech and spruce of different age: trophic structure and structuring forces. Oikos, 2003, 101, 225-238.	1.2	158
36	Soilâ€carbon preservation through habitat constraints and biological limitations on decomposer activity. Journal of Plant Nutrition and Soil Science, 2008, 171, 27-35.	1.1	156

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37	Trade-offs between multifunctionality and profit in tropical smallholder landscapes. Nature Communications, 2020, 11, 1186.	5.8	156
38	Biodiversityâ€“multifunctionality relationships depend on identity and number of measured functions. Nature Ecology and Evolution, 2018, 2, 44-49.	3.4	155
39	Changes in bacterial and fungal biomass C, bacterial and fungal biovolume and ergosterol content after drying, remoistening and incubation of different layers of cool temperate forest soils. Soil Biology and Biochemistry, 1994, 26, 1515-1525.	4.2	153
40	Effects of below- and above-ground herbivores on plant growth, flower visitation and seed set. Oecologia, 2003, 135, 601-605.	0.9	151
41	Collembola switch diet in presence of plant roots thereby functioning as herbivores. Soil Biology and Biochemistry, 2009, 41, 1151-1154.	4.2	147
42	Uncovering trophic positions and food resources of soil animals using bulk natural stable isotope composition. Biological Reviews, 2019, 94, 37-59.	4.7	144
43	Molecular profiling of 16S rRNA genes reveals diet-related differences of microbial communities in soil, gut, and casts of Lumbricus terrestris L. (Oligochaeta: Lumbricidae). FEMS Microbiology Ecology, 2004, 48, 187-197.	1.3	141
44	Increasing plant diversity effects on productivity with time due to delayed soil biota effects on plants. Basic and Applied Ecology, 2012, 13, 571-578.	1.2	140
45	Niche dimensionality links biodiversity and invasibility of microbial communities. Functional Ecology, 2013, 27, 282-288.	1.7	137
46	The physical structure of soil: Determinant and consequence of trophic interactions. Soil Biology and Biochemistry, 2020, 148, 107876.	4.2	137
47	Effects of earthworms on nutrient dynamics, carbon turnover and microorganisms in soils from cool temperate forests of the Canadian Rocky Mountains â€” laboratory studies. Applied Soil Ecology, 1994, 1, 113-125.	2.1	136
48	Plant diversity drives soil microbial biomass carbon in grasslands irrespective of global environmental change factors. Global Change Biology, 2015, 21, 4076-4085.	4.2	134
49	Secondary succession, soil formation and development of a diverse community of oribatids and saprophagous soil macro-invertebrates. Biodiversity and Conservation, 1996, 5, 235-250.	1.2	131
50	EARTHWORMS AND LEGUMES CONTROL LITTER DECOMPOSITION IN A PLANT DIVERSITY GRADIENT. Ecology, 2008, 89, 1872-1882.	1.5	131
51	Reevolution of sexuality breaks Dollo's law. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7139-7144.	3.3	129
52	The response of decomposers (earthworms, springtails and microorganisms) to variations in species and functional group diversity of plants. Oikos, 2006, 112, 513-524.	1.2	128
53	Carbon flux through fungi and bacteria into the forest soil animal food web as indicated by compoundâ€specific <scp>¹³<scp>C</scp></scp> fatty acid analysis. Functional Ecology, 2012, 26, 978-990.	1.7	127
54	Combined effects of earthworms and vesicularâ€“arbuscular mycorrhizas on plant and aphid performance. New Phytologist, 2004, 163, 169-176.	3.5	125

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55	Impact of tropical lowland rainforest conversion into rubber and oil palm plantations on soil microbial communities. Biology and Fertility of Soils, 2015, 51, 697-705.	2.3	125
56	Intraspecific genotypic richness and relatedness predict the invasibility of microbial communities. ISME Journal, 2011, 5, 1108-1114.	4.4	124
57	Predators promote defence of rhizosphere bacterial populations by selective feeding on non-toxic cheaters. ISME Journal, 2009, 3, 666-674.	4.4	122
58	Body mass constraints on feeding rates determine the consequences of predator loss. Ecology Letters, 2012, 15, 436-443.	3.0	121
59	Seasonal changes in the soil microbial community in a grassland plant diversity gradient four years after establishment. Soil Biology and Biochemistry, 2008, 40, 2588-2595.	4.2	120
60	Influence of fragmentation and bioturbation on the decomposition of 14C-labelled beech leaf litter. Soil Biology and Biochemistry, 1991, 23, 1029-1034.	4.2	117
61	Decomposition of beech leaves (Fagus sylvatica) and spruce needles (Picea abies) in pure and mixed stands of beech and spruce. Soil Biology and Biochemistry, 2004, 36, 155-164.	4.2	117
62	Carbon costs and benefits of Indonesian rainforest conversion to plantations. Nature Communications, 2018, 9, 2388.	5.8	115
63	Response of soil microorganisms to the addition of carbon, nitrogen and phosphorus in a forest Rendzina. Soil Biology and Biochemistry, 1999, 31, 859-866.	4.2	114
64	Carbon availability controls the growth of detritivores (Lumbricidae) and their effect on nitrogen mineralization. Oecologia, 2004, 138, 83-90.	0.9	114
65	Plant traits alone are poor predictors of ecosystem properties and long-term ecosystem functioning. Nature Ecology and Evolution, 2020, 4, 1602-1611.	3.4	114
66	Feeding habits and multifunctional classification of soilâ€associated consumers from protists to vertebrates. Biological Reviews, 2022, 97, 1057-1117.	4.7	113
67	Tropical Andean Forests Are Highly Susceptible to Nutrient Inputsâ€"Rapid Effects of Experimental N and P Addition to an Ecuadorian Montane Forest. PLoS ONE, 2012, 7, e47128.	1.1	111
68	Effects of the presence and community composition of earthworms on microbial community functioning. Oecologia, 2002, 133, 254-260.	0.9	110
69	Interactive effects of warming, soil humidity and plant diversity on litter decomposition and microbial activity. Soil Biology and Biochemistry, 2011, 43, 1902-1907.	4.2	110
70	Awesome or ordinary? Global diversity patterns of oribatid mites. Ecography, 2007, 30, 209-216.	2.1	109
71	Plants Respond to Pathogen Infection by Enhancing the Antifungal Gene Expression of Root-Associated Bacteria. Molecular Plant-Microbe Interactions, 2011, 24, 352-358.	1.4	109
72	Bacterial Diversity Stabilizes Community Productivity. PLoS ONE, 2012, 7, e34517.	1.1	109

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73	INCORPORATION OF PLANT CARBON INTO THE SOIL ANIMAL FOOD WEB OF AN ARABLE SYSTEM. Ecology, 2006, 87, 235-245.	1.5	106
74	Plant species diversity affects infiltration capacity in an experimental grassland through changes in soil properties. Plant and Soil, 2015, 397, 1-16.	1.8	105
75	Soil protozoa and forest tree growth: non-nutritional effects and interaction with mycorrhizae. Biology and Fertility of Soils, 1995, 20, 263-269.	2.3	102
76	Oribatid mite and collembolan diversity, density and community structure in a moder beech forest (Fagus sylvatica): effects of mechanical perturbations. Soil Biology and Biochemistry, 2003, 35, 1387-1394.	4.2	101
77	Nitrogen isotope ratios and fatty acid composition as indicators of animal diets in belowground systems. Oecologia, 2004, 139, 336-346.	0.9	101
78	Effects of plant diversity on Collembola in an experimental grassland ecosystem. Oikos, 2004, 106, 51-60.	1.2	100
79	Trophic interactions in changing landscapes: responses of soil food webs. Basic and Applied Ecology, 2004, 5, 495-503.	1.2	100
80	Effects of decomposers and herbivores on plant performance and aboveground plant-insect interactions. Oikos, 2005, 108, 503-510.	1.2	100
81	Protozoa enhance foraging efficiency of arbuscular mycorrhizal fungi for mineral nitrogen from organic matter in soil to the benefit of host plants. New Phytologist, 2013, 199, 203-211.	3.5	100
82	Effects of Invasion of an Aspen Forest (Canada) by Dendrobaena Octaedra (Lumbricidae) on Plant Growth. Ecology, 1994, 75, 2348.	1.5	98
83	Carbon flow into microbial and fungal biomass as a basis for the belowground food web of agroecosystems. Pedobiologia, 2012, 55, 111-119.	0.5	98
84	OakContig<scp>DF</scp>159.1, a reference library for studying differential gene expression in <i>Quercus robur</i> during controlled biotic interactions: use for quantitative transcriptomic profiling of oak roots in ectomycorrhizal symbiosis. New Phytologist, 2013, 199, 529-540.	3.5	97
85	Multitrophic interactions in decomposer food-webs. , 2002, , 223-264.		96
86	DECOMPOSERS (LUMBRICIDAE, COLLEMBOLA) AFFECT PLANT PERFORMANCE IN MODEL GRASSLANDS OF DIFFERENT DIVERSITY. Ecology, 2006, 87, 2548-2558.	1.5	96
87	Growth and reproduction of fungal feeding Collembola as affected by fungal species, melanin and mixed diets. Oecologia, 2004, 139, 347-353.	0.9	95
88	Diversity Promotes Temporal Stability across Levels of Ecosystem Organization in Experimental Grasslands. PLoS ONE, 2010, 5, e13382.	1.1	95
89	The results of biodiversityâ€"ecosystem functioning experiments are realistic. Nature Ecology and Evolution, 2020, 4, 1485-1494.	3.4	93
90	Impact of Lowland Rainforest Transformation on Diversity and Composition of Soil Prokaryotic Communities in Sumatra (Indonesia). Frontiers in Microbiology, 2015, 6, 1339.	1.5	92

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91	Molecular detection of nematode predation and scavenging in oribatid mites: Laboratory and field experiments. Soil Biology and Biochemistry, 2011, 43, 2229-2236.	4.2	91
92	A comparison of the strength of biodiversity effects across multiple functions. Oecologia, 2013, 173, 223-237.	0.9	91
93	Tree species diversity versus tree species identity: Driving forces in structuring forest food webs as indicated by soil nematodes. Soil Biology and Biochemistry, 2013, 62, 36-45.	4.2	91
94	Small but active â€“ pool size does not matter for carbon incorporation in belowâ€ground food webs. Functional Ecology, 2016, 30, 479-489.	1.7	91
95	How Do Earthworms, Soil Texture and Plant Composition Affect Infiltration along an Experimental Plant Diversity Gradient in Grassland?. PLoS ONE, 2014, 9, e98987.	1.1	91
96	Carbon stable isotope fractionation and trophic transfer of fatty acids in fungal based soil food chains. Soil Biology and Biochemistry, 2005, 37, 945-953.	4.2	89
97	Earthworms as drivers of the competition between grasses and legumes. Soil Biology and Biochemistry, 2008, 40, 2650-2659.	4.2	89
98	Importance of earthwormâ€“seed interactions for the composition and structure of plant communities: A review. Acta Oecologica, 2011, 37, 594-603.	0.5	88
99	Collembola species composition and diversity effects on ecosystem functioning vary with plant functional group identity. Soil Biology and Biochemistry, 2011, 43, 1697-1704.	4.2	88
100	Effects of food quality, starvation and life stage on stable isotope fractionation in Collembola. Pedobiologia, 2005, 49, 229-237.	0.5	87
101	Effects of biodiversity strengthen over time as ecosystem functioning declines at low and increases at high biodiversity. Ecosphere, 2016, 7, e01619.	1.0	87
102	Density and distribution of Dendrobaena octaedra (Lumbricidae) in aspen and pine forests in the Canadian Rocky Mountains (Alberta). Soil Biology and Biochemistry, 1997, 29, 265-273.	4.2	86
103	Nematode functional guilds, not trophic groups, reflect shifts in soil food webs and processes in response to interacting global change factors. Pedobiologia, 2015, 58, 23-32.	0.5	86
104	Changes in microbial biomass, respiration and nutrient status of beech (Fagus sylvatica) leaf litter processed by millipedes (Glomeris marginata). Oecologia, 1996, 107, 131-140.	0.9	84
105	Microfungal communities in soil, litter and casts of Lumbricus terrestris L. (Lumbricidae): a laboratory experiment. Applied Soil Ecology, 2000, 14, 17-26.	2.1	84
106	Effects of earthworms and organic litter distribution on plant performance and aphid reproduction. Oecologia, 2003, 137, 90-96.	0.9	84
107	Subsidy from the detrital food web, but not microhabitat complexity, affects the role of generalist predators in an aboveground herbivore food web. Oikos, 2008, 117, 494-500.	1.2	82
108	Connecting litter quality, microbial community and nitrogen transfer mechanisms in decomposing litter mixtures. Oikos, 2012, 121, 1649-1655.	1.2	81

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109	Mineralisation of 14C-labelled polystyrene plastics by Penicillium variabile after ozonation pre-treatment. New Biotechnology, 2017, 38, 101-105.	2.4	81
110	Functionally and phylogenetically diverse plant communities key to soil biota. Ecology, 2013, 94, 1878-1885.	1.5	80
111	Trophic diversity and niche partitioning in a species rich predator guild â€" Natural variations in stable isotope ratios (13C/12C, 15N/14N) of mesostigmatid mites (Acari, Mesostigmata) from Central European beech forests. Soil Biology and Biochemistry, 2013, 57, 327-333.	4.2	80
112	Microflora, Protozoa and Nematoda in Lumbricus terrestris burrow walls: a laboratory experiment. Pedobiologia, 2001, 45, 46-60.	0.5	79
113	APPLICATION OF LIPID ANALYSIS TO UNDERSTAND TROPHIC INTERACTIONS IN SOIL. Ecology, 2005, 86, 2075-2082.	1.5	79
114	Arthropod colonization of land â€" Linking molecules and fossils in oribatid mites (Acari, Oribatida). Molecular Phylogenetics and Evolution, 2010, 57, 113-121.	1.2	79
115	Indirect effects of carbon and nutrient amendments on the soil meso- and microfauna of a beechwood. Biology and Fertility of Soils, 2001, 34, 222-229.	2.3	78
116	Plant species richness drives the density and diversity of Collembola in temperate grassland. Acta Oecologica, 2011, 37, 195-202.	0.5	78
117	Bacterial diversity amplifies nutrientâ€based plantâ€"soil feedbacks. Functional Ecology, 2015, 29, 1341-1349.	1.7	78
118	Molecular phylogeny of oribatid mites (Oribatida, Acari): evidence for multiple radiations of parthenogenetic lineages. Experimental and Applied Acarology, 2004, 33, 183-201.	0.7	77
119	Lipid composition of Collembola and their food resources in deciduous forest standsâ€"Implications for feeding strategies. Soil Biology and Biochemistry, 2007, 39, 1990-2000.	4.2	76
120	Trophic Position of Consumers and Size Structure of Food Webs across Aquatic and Terrestrial Ecosystems. American Naturalist, 2019, 194, 823-839.	1.0	76
121	Reducing Fertilizer and Avoiding Herbicides in Oil Palm Plantationsâ€"Ecological and Economic Valuations. Frontiers in Forests and Global Change, 2019, 2, .	1.0	75
122	The trophic structure of bark-living oribatid mite communities analysed with stable isotopes (15N, 13C) indicates strong niche differentiation. Experimental and Applied Acarology, 2007, 41, 1-10.	0.7	74
123	Impacts of earthworms and arbuscular mycorrhizal fungi (Glomus intraradices) on plant performance are not interrelated. Soil Biology and Biochemistry, 2009, 41, 561-567.	4.2	74
124	Earthworm and belowground competition effects on plant productivity in a plant diversity gradient. Oecologia, 2009, 161, 291-301.	0.9	73
125	Predator-Prey Chemical Warfare Determines the Expression of Biocontrol Genes by Rhizosphere-Associated <i>Pseudomonas fluorescens</i>. Applied and Environmental Microbiology, 2010, 76, 5263-5268.	1.4	73
126	Effects of prey type and mixed diets on survival, growth and development of a generalist predator, Pardosa lugubris (Araneae: Lycosidae). Basic and Applied Ecology, 2002, 3, 285-291.	1.2	72

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127	Arbuscular mycorrhiza and Collembola interact in affecting community composition of saprotrophic microfungi. Oecologia, 2005, 142, 636-642.	0.9	69
128	Where are the decomposers? Uncovering the soil food web of a tropical montane rain forest in southern Ecuador using stable isotopes (15N). Journal of Tropical Ecology, 2005, 21, 589-593.	0.5	69
129	Regional factors rather than forest type drive the community structure of soil living oribatid mites (Acari, Oribatida). Experimental and Applied Acarology, 2012, 57, 157-169.	0.7	69
130	Decomposer animals (Lumbricidae, Collembola) and organic matter distribution affect the performance of Lolium perenne (Poaceae) and Trifolium repens (Fabaceae). Soil Biology and Biochemistry, 2004, 36, 2005-2011.	4.2	68
131	Linking size spectrum, energy flux and trophic multifunctionality in soil food webs of tropical landâ€use systems. Journal of Animal Ecology, 2019, 88, 1845-1859.	1.3	68
132	The complete mitochondrial genome of the sexual oribatid mite Steganacarus magnus: genome rearrangements and loss of tRNAs. BMC Genomics, 2008, 9, 532.	1.2	67
133	Direct and indirect effects of endogeic earthworms on plant seeds. Pedobiologia, 2009, 52, 151-162.	0.5	67
134	Systemic enrichment of antifungal traits in the rhizosphere microbiome after pathogen attack. Journal of Ecology, 2016, 104, 1566-1575.	1.9	67
135	Carbon transfer from maize roots and litter into bacteria and fungi depends on soil depth and time. Soil Biology and Biochemistry, 2016, 93, 79-89.	4.2	67
136	The oribatid mite community (Acarina) of pure and mixed stands of beech (Fagus sylvatica) and spruce (Picea abies) of different age. Applied Soil Ecology, 1998, 9, 115-121.	2.1	66
137	Trophic shift of stable isotopes and fatty acids in Collembola on bacterial diets. Soil Biology and Biochemistry, 2006, 38, 2004-2007.	4.2	64
138	Changes in Plant Species Richness Induce Functional Shifts in Soil Nematode Communities in Experimental Grassland. PLoS ONE, 2011, 6, e24087.	1.1	64
139	Fungal metabolic plasticity and sexual development mediate induced resistance to arthropod fungivory. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131219.	1.2	64
140	Priorities for research in soil ecology. Pedobiologia, 2017, 63, 1-7.	0.5	64
141	Landâ€use type and intensity differentially filter traits in aboveâ€•and belowâ€ground arthropod communities. Journal of Animal Ecology, 2017, 86, 511-520.	1.3	62
142	Oribatid mites enhance the recovery of the microbial community after a strong disturbance. Applied Soil Ecology, 1998, 9, 175-181.	2.1	61
143	Interactions Between Microorganisms and Soil Micro- and Mesofauna. , 2005, , 253-275.		61
144	Invasibility of experimental grassland communities: the role of earthworms, plant functional group identity and seed size. Oikos, 2008, 117, 1026-1036.	1.2	61

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145	Efficiency of two widespread non-destructive extraction methods under dry soil conditions for different ecological earthworm groups. European Journal of Soil Biology, 2008, 44, 141-145.	1.4	61
146	Plant community impacts on the structure of earthworm communities depend on season and change with time. Soil Biology and Biochemistry, 2009, 41, 2430-2443.	4.2	61
147	Plant identity drives the expression of biocontrol factors in a rhizosphere bacterium across a plant diversity gradient. Functional Ecology, 2015, 29, 1225-1234.	1.7	61
148	No Accumulation of Transposable Elements in Asexual Arthropods. Molecular Biology and Evolution, 2016, 33, 697-706.	3.5	61
149	Effects of resource availability and quality on the structure of the micro-food web of an arable soil across depth. Soil Biology and Biochemistry, 2012, 50, 1-11.	4.2	60
150	Radiation in sexual and parthenogenetic oribatid mites (Oribatida, Acari) as indicated by genetic divergence of closely related species. Experimental and Applied Acarology, 2003, 29, 265-277.	0.7	59
151	Testate amoebae (protista) of an elevational gradient in the tropical mountain rain forest of Ecuador. Pedobiologia, 2007, 51, 319-331.	0.5	59
152	Utilization of prey from the decomposer system by generalist predators of grassland. Oecologia, 2008, 155, 605-617.	0.9	59
153	Freeâ€living nematodes as prey for higher trophic levels of forest soil food webs. Oikos, 2014, 123, 1199-1211.	1.2	59
154	Phylogenomics from lowâ€coverage wholeâ€genome sequencing. Methods in Ecology and Evolution, 2019, 10, 507-517.	2.2	59
155	Decomposition of leaf litter mixtures across biomes: The role of litter identity, diversity and soil fauna. Journal of Ecology, 2020, 108, 2283-2297.	1.9	59
156	Earthworms as seedling predators: Importance of seeds and seedlings for earthworm nutrition. Soil Biology and Biochemistry, 2010, 42, 1245-1252.	4.2	57
157	Protozoa stimulate N uptake and growth of arbuscular mycorrhizal plants. Soil Biology and Biochemistry, 2013, 65, 204-210.	4.2	57
158	Moderate changes in nutrient input alter tropical microbial and protist communities and belowground linkages. ISME Journal, 2014, 8, 1126-1134.	4.4	57
159	Plant diversity shapes microbeâ€rhizosphere effects on P mobilisation from organic matter in soil. Ecology Letters, 2015, 18, 1356-1365.	3.0	57
160	Carbon and nutrient limitation of soil microorganisms and microbial grazers in a tropical montane rain forest. Oikos, 2010, 119, 1020-1028.	1.2	56
161	Effects of sand and litter availability on organic matter decomposition in soil and in casts of Lumbricus terrestris L.. Geoderma, 2005, 128, 155-166.	2.3	55
162	Assessment of anecic behavior in selected earthworm species: Effects on wheat seed burial, seedling establishment, wheat growth and litter incorporation. Applied Soil Ecology, 2008, 38, 79-82.	2.1	55

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163	Roots from beech (Fagus sylvatica L.) and ash (Fraxinus excelsior L.) differentially affect soil microorganisms and carbon dynamics. Soil Biology and Biochemistry, 2013, 61, 23-32.	4.2	55
164	Trophic structure and major trophic links in conventional versus organic farming systems as indicated by carbon stable isotope ratios of fatty acids. Oikos, 2009, 118, 1579-1589.	1.2	54
165	Habitat structure and prey aggregation determine the functional response in a soil predatorâ€“prey interaction. Pedobiologia, 2010, 53, 307-312.	0.5	54
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