

# Stefan Scheu

## List of Publications by Citations

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436  
papers

22,984  
citations

78  
h-index

128  
g-index

468  
ext. papers

26,981  
ext. citations

5.2  
avg, IF

7.09  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 436 | Biodiversity and Litter Decomposition in Terrestrial Ecosystems. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2005</b> , 36, 191-218   | 13.5 | 1029      |
| 435 | Organo-mineral associations in temperate soils: Integrating biology, mineralogy, and organic matter chemistry. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2008</b> , 171, 61-82                                   | 2.3  | 673       |
| 434 | Bottom-up effects of plant diversity on multitrophic interactions in a biodiversity experiment. <i>Nature</i> , <b>2010</b> , 468, 553-6   | 50.4 | 614       |
| 433 | Plant diversity increases soil microbial activity and soil carbon storage. <i>Nature Communications</i> , <b>2015</b> , 6, 6707  | 17.4 | 575       |
| 432 | Consequences of biodiversity loss for litter decomposition across biomes. <i>Nature</i> , <b>2014</b> , 509, 218-21  | 50.4 | 447       |
| 431 | Long-term organic farming fosters below and aboveground biota: Implications for soil quality, biological control and productivity. <i>Soil Biology and Biochemistry</i> , <b>2008</b> , 40, 2297-2308                          | 7.5  | 353       |
| 430 | Non-native invasive earthworms as agents of change in northern temperate forests. <i>Frontiers in Ecology and the Environment</i> , <b>2004</b> , 2, 427-435   | 5.5  | 308       |
| 429 | Soil nematode abundance and functional group composition at a global scale. <i>Nature</i> , <b>2019</b> , 572, 194-198   | 50.4 | 305       |
| 428 | Trophic niche differentiation in soil microarthropods (Oribatida, Acari): evidence from stable isotope ratios ( $^{15}\text{N}/^{14}\text{N}$ ). <i>Soil Biology and Biochemistry</i> , <b>2004</b> , 36, 1769-1774            | 7.5  | 293       |
| 427 | The underestimated importance of belowground carbon input for forest soil animal food webs. <i>Ecology Letters</i> , <b>2007</b> , 10, 729-36  | 10   | 265       |
| 426 | Feeding guilds in Collembola based on nitrogen stable isotope ratios. <i>Soil Biology and Biochemistry</i> , <b>2005</b> , 37, 1718-1725   | 7.5  | 242       |
| 425 | Automated measurement of the respiratory response of soil microcompartments: Active microbial biomass in earthworm faeces. <i>Soil Biology and Biochemistry</i> , <b>1992</b> , 24, 1113-1118                                  | 7.5  | 221       |
| 424 | Stable isotope enrichment ( $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ ) in a generalist predator ( <i>Pardosa lugubris</i> , Araneae: Lycosidae): effects of prey quality. <i>Oecologia</i> , <b>2002</b> , 130, 337-344 | 2.9  | 197       |
| 423 | Invasion of a deciduous forest by earthworms: Changes in soil chemistry, microflora, microarthropods and vegetation. <i>Soil Biology and Biochemistry</i> , <b>2007</b> , 39, 1099-1110  | 7.5  | 195       |
| 422 | Protozoa, Nematoda and Lumbricidae in the rhizosphere of <i>Hordelymus europaeus</i> (Poaceae): faunal interactions, response of microorganisms and effects on plant growth. <i>Oecologia</i> , <b>1996</b> , 106, 111-126     | 2.9  | 193       |
| 421 | Plants and generalist predators as links between the below-ground and above-ground system. <i>Basic and Applied Ecology</i> , <b>2001</b> , 2, 3-13  | 3.2  | 190       |
| 420 | Biodiversity effects on ecosystem functioning in a 15-year grassland experiment: Patterns, mechanisms, and open questions. <i>Basic and Applied Ecology</i> , <b>2017</b> , 23, 1-73   | 3.2  | 184       |

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|-----|---|------|-----|
| 419 | Root biomass and exudates link plant diversity with soil bacterial and fungal biomass. <i>Scientific Reports</i> , <b>2017</b> , 7, 44641   | 4.9  | 176 |
| 418 | The soil food web: structure and perspectives. <i>European Journal of Soil Biology</i> , <b>2002</b> , 38, 11-20  | 2.9  | 175 |
| 417 | Adding to the enigma of soil animal diversity—fungal feeders and saprophagous soil invertebrates prefer similar food substrates. <i>European Journal of Soil Biology</i> , <b>2003</b> , 39, 85-95  | 2.9  | 173 |
| 416 | The structure of oribatid mite communities (Acari, Oribatida): patterns, mechanisms and implications for future research. <i>Ecography</i> , <b>2000</b> , 23, 374-382  | 6.5  | 164 |
| 415 | Soil amoebae rapidly change bacterial community composition in the rhizosphere of <i>Arabidopsis thaliana</i> . <i>ISME Journal</i> , <b>2009</b> , 3, 675-84   | 11.9 | 162 |
| 414 | Microbial respiration, biomass, biovolume and nutrient status in burrow walls of <i>Lumbricus terrestris</i> L. (Lumbricidae). <i>Soil Biology and Biochemistry</i> , <b>1999</b> , 31, 2039-2048   | 7.5  | 153 |
| 413 | Links between the detritivore and the herbivore system: effects of earthworms and Collembola on plant growth and aphid development. <i>Oecologia</i> , <b>1999</b> , 119, 541-551   | 2.9  | 150 |
| 412 | Plant diversity improves protection against soil-borne pathogens by fostering antagonistic bacterial communities. <i>Journal of Ecology</i> , <b>2012</b> , 100, 597-604  | 6    | 143 |
| 411 | Ecological and socio-economic functions across tropical land use systems after rainforest conversion. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371,  | 5.8  | 143 |
| 410 | Compartmentalization of the soil animal food web as indicated by dual analysis of stable isotope ratios ( $^{15}\text{N}/^{14}\text{N}$ and $^{13}\text{C}/^{12}\text{C}$ ). <i>Soil Biology and Biochemistry</i> , <b>2009</b> , 41, 1221-1226                   | 7.5  | 142 |
| 409 | Microbial-faunal interactions in the rhizosphere and effects on plant growth. <i>European Journal of Soil Biology</i> , <b>2000</b> , 36, 135-147   | 2.9  | 140 |
| 408 | BOTTOM-UP CONTROL OF THE SOIL MACROFAUNA COMMUNITY IN A BEECHWOOD ON LIMESTONE: MANIPULATION OF FOOD RESOURCES. <i>Ecology</i> , <b>1998</b> , 79, 1573-1585  | 4.6  | 139 |
| 407 | The soil fauna community in pure and mixed stands of beech and spruce of different age: trophic structure and structuring forces. <i>Oikos</i> , <b>2003</b> , 101, 225-238   | 4    | 137 |
| 406 | Facilitative interactions rather than resource partitioning drive diversity-functioning relationships in laboratory fungal communities. <i>Ecology Letters</i> , <b>2005</b> , 8, 618-625   | 10   | 137 |
| 405 | Biotic and abiotic properties mediating plant diversity effects on soil microbial communities in an experimental grassland. <i>PLoS ONE</i> , <b>2014</b> , 9, e96182   | 3.7  | 136 |
| 404 | Soil-carbon preservation through habitat constraints and biological limitations on decomposer activity. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2008</b> , 171, 27-35   | 2.3  | 135 |
| 403 | Plant diversity surpasses plant functional groups and plant productivity as driver of soil biota in the long term. <i>PLoS ONE</i> , <b>2011</b> , 6, e16055  | 3.7  | 135 |
| 402 | 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. <i>Soil Biology and Biochemistry</i> , <b>1994</b> , 26, 1515-1525 | 7.5  | 133 |

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|-----|---|------|-----|
| 401 | Effects of earthworms on nutrient dynamics, carbon turnover and microorganisms in soils from cool temperate forests of the Canadian Rocky Mountains [Laboratory studies. <i>Applied Soil Ecology</i> , <b>1994</b> , 1, 113-125                   | 5    | 125 |
| 400 | Collembola switch diet in presence of plant roots thereby functioning as herbivores. <i>Soil Biology and Biochemistry</i> , <b>2009</b> , 41, 1151-1154   | 7.5  | 124 |
| 399 | Molecular profiling of 16S rRNA genes reveals diet-related differences of microbial communities in soil, gut, and casts of <i>Lumbricus terrestris</i> L. (Oligochaeta: Lumbricidae). <i>FEMS Microbiology Ecology</i> , <b>2004</b> , 48, 187-97 | 4.3  | 121 |
| 398 | Effects of below- and above-ground herbivores on plant growth, flower visitation and seed set. <i>Oecologia</i> , <b>2003</b> , 135, 601-5  | 2.9  | 120 |
| 397 | Increasing antagonistic interactions cause bacterial communities to collapse at high diversity. <i>Ecology Letters</i> , <b>2012</b> , 15, 468-74   | 10   | 118 |
| 396 | Land-use choices follow profitability at the expense of ecological functions in Indonesian smallholder landscapes. <i>Nature Communications</i> , <b>2016</b> , 7, 13137  | 17.4 | 116 |
| 395 | The response of decomposers (earthworms, springtails and microorganisms) to variations in species and functional group diversity of plants. <i>Oikos</i> , <b>2006</b> , 112, 513-524   | 4    | 114 |
| 394 | Combined effects of earthworms and vesicular-arbuscular mycorrhizas on plant and aphid performance. <i>New Phytologist</i> , <b>2004</b> , 163, 169-176   | 9.8  | 113 |
| 393 | Earthworms and legumes control litter decomposition in a plant diversity gradient. <i>Ecology</i> , <b>2008</b> , 89, 1872-82   | 4.6  | 111 |
| 392 | Response of soil microorganisms to the addition of carbon, nitrogen and phosphorus in a forest Rendzina. <i>Soil Biology and Biochemistry</i> , <b>1999</b> , 31, 859-866   | 7.5  | 106 |
| 391 | Secondary succession, soil formation and development of a diverse community of oribatids and saprophagous soil macro-invertebrates. <i>Biodiversity and Conservation</i> , <b>1996</b> , 5, 235-250   | 3.4  | 106 |
| 390 | Plant diversity drives soil microbial biomass carbon in grasslands irrespective of global environmental change factors. <i>Global Change Biology</i> , <b>2015</b> , 21, 4076-85  | 11.4 | 105 |
| 389 | Increasing plant diversity effects on productivity with time due to delayed soil biota effects on plants. <i>Basic and Applied Ecology</i> , <b>2012</b> , 13, 571-578  | 3.2  | 104 |
| 388 | Influence of fragmentation and bioturbation on the decomposition of <sup>14</sup> C-labelled beech leaf litter. <i>Soil Biology and Biochemistry</i> , <b>1991</b> , 23, 1029-1034  | 7.5  | 104 |
| 387 | Carbon flux through fungi and bacteria into the forest soil animal food web as indicated by compound-specific <sup>13</sup> C fatty acid analysis. <i>Functional Ecology</i> , <b>2012</b> , 26, 978-990  | 5.6  | 101 |
| 386 | Body mass constraints on feeding rates determine the consequences of predator loss. <i>Ecology Letters</i> , <b>2012</b> , 15, 436-43   | 10   | 100 |
| 385 | Tropical Andean forests are highly susceptible to nutrient inputs—rapid effects of experimental N and P addition to an Ecuadorian montane forest. <i>PLoS ONE</i> , <b>2012</b> , 7, e47128   | 3.7  | 96  |
| 384 | Effects of the presence and community composition of earthworms on microbial community functioning. <i>Oecologia</i> , <b>2002</b> , 133, 254-260   | 2.9  | 96  |

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|-----|--|------|----|
| 383 | Seasonal changes in the soil microbial community in a grassland plant diversity gradient four years after establishment. <i>Soil Biology and Biochemistry</i> , <b>2008</b> , 40, 2588-2595  | 7.5  | 95 |
| 382 | Niche dimensionality links biodiversity and invasibility of microbial communities. <i>Functional Ecology</i> , <b>2013</b> , 27, 282-288   | 5.6  | 93 |
| 381 | Reevolution of sexuality breaks Dollo's law. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 7139-44   | 11.5 | 93 |
| 380 | Incorporation of plant carbon into the soil animal food web of an arable system. <i>Ecology</i> , <b>2006</b> , 87, 235-456  | 4.6  | 93 |
| 379 | Intraspecific genotypic richness and relatedness predict the invasibility of microbial communities. <i>ISME Journal</i> , <b>2011</b> , 5, 1108-14   | 11.9 | 92 |
| 378 | Decomposition of beech leaves ( <i>Fagus sylvatica</i> ) and spruce needles ( <i>Picea abies</i> ) in pure and mixed stands of beech and spruce. <i>Soil Biology and Biochemistry</i> , <b>2004</b> , 36, 155-164                    | 7.5  | 92 |
| 377 | Trophic interactions in changing landscapes: responses of soil food webs. <i>Basic and Applied Ecology</i> , <b>2004</b> , 5, 495-503  | 3.2  | 92 |
| 376 | Predators promote defence of rhizosphere bacterial populations by selective feeding on non-toxic cheaters. <i>ISME Journal</i> , <b>2009</b> , 3, 666-74   | 11.9 | 90 |
| 375 | Carbon availability controls the growth of detritivores (Lumbricidae) and their effect on nitrogen mineralization. <i>Oecologia</i> , <b>2004</b> , 138, 83-90   | 2.9  | 90 |
| 374 | Awesome or ordinary? Global diversity patterns of oribatid mites. <i>Ecography</i> , <b>2007</b> , 30, 209-216   | 6.5  | 89 |
| 373 | Effects of decomposers and herbivores on plant performance and aboveground plant-insect interactions. <i>Oikos</i> , <b>2005</b> , 108, 503-510  | 4    | 89 |
| 372 | Carbon flow into microbial and fungal biomass as a basis for the belowground food web of agroecosystems. <i>Pedobiologia</i> , <b>2012</b> , 55, 111-119   | 1.7  | 88 |
| 371 | Nitrogen isotope ratios and fatty acid composition as indicators of animal diets in belowground systems. <i>Oecologia</i> , <b>2004</b> , 139, 336-46  | 2.9  | 88 |
| 370 | Plants respond to pathogen infection by enhancing the antifungal gene expression of root-associated bacteria. <i>Molecular Plant-Microbe Interactions</i> , <b>2011</b> , 24, 352-8  | 3.6  | 87 |
| 369 | Oribatid mite and collembolan diversity, density and community structure in a moder beech forest ( <i>Fagus sylvatica</i> ): effects of mechanical perturbations. <i>Soil Biology and Biochemistry</i> , <b>2003</b> , 35, 1387-1394 | 7.5  | 87 |
| 368 | Interactive effects of warming, soil humidity and plant diversity on litter decomposition and microbial activity. <i>Soil Biology and Biochemistry</i> , <b>2011</b> , 43, 1902-1907   | 7.5  | 86 |
| 367 | Carbon stable isotope fractionation and trophic transfer of fatty acids in fungal based soil food chains. <i>Soil Biology and Biochemistry</i> , <b>2005</b> , 37, 945-953   | 7.5  | 85 |
| 366 | Biodiversity-multifunctionality relationships depend on identity and number of measured functions. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 44-49  | 12.3 | 85 |

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|-----|---|------|----|
| 365 | Soil protozoa and forest tree growth: non-nutritional effects and interaction with mycorrhizae. <i>Biology and Fertility of Soils</i> , <b>1995</b> , 20, 263-269   | 6.1  | 84 |
| 364 | Effects of plant diversity on Collembola in an experimental grassland ecosystem. <i>Oikos</i> , <b>2004</b> , 106, 51-60  |      | 83 |
| 363 | A comparison of the strength of biodiversity effects across multiple functions. <i>Oecologia</i> , <b>2013</b> , 173, 223-37  | 2.9  | 82 |
| 362 | Impact of tropical lowland rainforest conversion into rubber and oil palm plantations on soil microbial communities. <i>Biology and Fertility of Soils</i> , <b>2015</b> , 51, 697-705                      | 6.1  | 81 |
| 361 | Bacterial diversity stabilizes community productivity. <i>PLoS ONE</i> , <b>2012</b> , 7, e34517  | 3.7  | 80 |
| 360 | Diversity promotes temporal stability across levels of ecosystem organization in experimental grasslands. <i>PLoS ONE</i> , <b>2010</b> , 5, e13382   | 3.7  | 79 |
| 359 | Earthworms as drivers of the competition between grasses and legumes. <i>Soil Biology and Biochemistry</i> , <b>2008</b> , 40, 2650-2659  | 7.5  | 78 |
| 358 | Microfungal communities in soil, litter and casts of <i>Lumbricus terrestris</i> L. (Lumbricidae): a laboratory experiment. <i>Applied Soil Ecology</i> , <b>2000</b> , 14, 17-26                           | 5    | 77 |
| 357 | Growth and reproduction of fungal feeding Collembola as affected by fungal species, melanin and mixed diets. <i>Oecologia</i> , <b>2004</b> , 139, 347-53   | 2.9  | 76 |
| 356 | Multitrophic interactions in decomposer food-webs <b>2002</b> , 223-264   |      | 76 |
| 355 | Effects of Invasion of an Aspen Forest (Canada) by <i>Dendrobaena Octaedra</i> (Lumbricidae) on Plant Growth. <i>Ecology</i> , <b>1994</b> , 75, 2348   | 4.6  | 76 |
| 354 | Uncovering trophic positions and food resources of soil animals using bulk natural stable isotope composition. <i>Biological Reviews</i> , <b>2018</b> , 94, 37   | 13.5 | 75 |
| 353 | Importance of earthworm-bee interactions for the composition and structure of plant communities: A review. <i>Acta Oecologica</i> , <b>2011</b> , 37, 594-603   | 1.7  | 75 |
| 352 | Density and distribution of <i>Dendrobaena octaedra</i> (Lumbricidae) in aspen and pine forests in the Canadian Rocky Mountains (Alberta). <i>Soil Biology and Biochemistry</i> , <b>1997</b> , 29, 265-273 | 7.5  | 75 |
| 351 | Effects of food quality, starvation and life stage on stable isotope fractionation in Collembola. <i>Pedobiologia</i> , <b>2005</b> , 49, 229-237   | 1.7  | 74 |
| 350 | Microflora, Protozoa and Nematoda in <i>Lumbricus terrestris</i> burrow walls: a laboratory experiment. <i>Pedobiologia</i> , <b>2001</b> , 45, 46-60   | 1.7  | 74 |
| 349 | Carbon costs and benefits of Indonesian rainforest conversion to plantations. <i>Nature Communications</i> , <b>2018</b> , 9, 2388  | 17.4 | 73 |
| 348 | Molecular detection of nematode predation and scavenging in oribatid mites: Laboratory and field experiments. <i>Soil Biology and Biochemistry</i> , <b>2011</b> , 43, 2229-2236                            | 7.5  | 73 |

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|-----|---|-----|----|
| 347 | Connecting litter quality, microbial community and nitrogen transfer mechanisms in decomposing litter mixtures. <i>Oikos</i> , <b>2012</b> , 121, 1649-1655   | 4   | 72 |
| 346 | Decomposers (Lumbricidae, Collembola) affect plant performance in model grasslands of different diversity. <i>Ecology</i> , <b>2006</b> , 87, 2548-58   | 4.6 | 72 |
| 345 | Protozoa enhance foraging efficiency of arbuscular mycorrhizal fungi for mineral nitrogen from organic matter in soil to the benefit of host plants. <i>New Phytologist</i> , <b>2013</b> , 199, 203-211  | 9.8 | 71 |
| 344 | Effects of earthworms and organic litter distribution on plant performance and aphid reproduction. <i>Oecologia</i> , <b>2003</b> , 137, 90-6   | 2.9 | 71 |
| 343 | OakContigDF159.1, 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. <i>New Phytologist</i> , <b>2013</b> , 199, 529-540   | 9.8 | 70 |
| 342 | Indirect effects of carbon and nutrient amendments on the soil meso- and microfauna of a beechwood. <i>Biology and Fertility of Soils</i> , <b>2001</b> , 34, 222-229   | 6.1 | 70 |
| 341 | Changes in microbial biomass, respiration and nutrient status of beech ( <i>Fagus sylvatica</i> ) leaf litter processed by millipedes ( <i>Glomeris marginata</i> ). <i>Oecologia</i> , <b>1996</b> , 107, 131-140  | 2.9 | 70 |
| 340 | Subsidy from the detrital food web, but not microhabitat complexity, affects the role of generalist predators in an aboveground herbivore food web. <i>Oikos</i> , <b>2008</b> , 117, 494-500   | 4   | 69 |
| 339 | APPLICATION OF LIPID ANALYSIS TO UNDERSTAND TROPHIC INTERACTIONS IN SOIL. <i>Ecology</i> , <b>2005</b> , 86, 2075-2082  | 4.6 | 69 |
| 338 | Plant species diversity affects infiltration capacity in an experimental grassland through changes in soil properties. <i>Plant and Soil</i> , <b>2015</b> , 397, 1-16  | 4.2 | 67 |
| 337 | How do earthworms, soil texture and plant composition affect infiltration along an experimental plant diversity gradient in grassland?. <i>PLoS ONE</i> , <b>2014</b> , 9, e98987   | 3.7 | 66 |
| 336 | Collembola species composition and diversity effects on ecosystem functioning vary with plant functional group identity. <i>Soil Biology and Biochemistry</i> , <b>2011</b> , 43, 1697-1704   | 7.5 | 65 |
| 335 | Plant species richness drives the density and diversity of Collembola in temperate grassland. <i>Acta Oecologica</i> , <b>2011</b> , 37, 195-202  | 1.7 | 64 |
| 334 | Arthropod colonization of land-linking molecules and fossils in oribatid mites (Acari, Oribatida). <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 57, 113-21  | 4.1 | 64 |
| 333 | Effects of prey type and mixed diets on survival, growth and development of a generalist predator, <i>Pardosa lugubris</i> (Araneae: Lycosidae). <i>Basic and Applied Ecology</i> , <b>2002</b> , 3, 285-291  | 3.2 | 64 |
| 332 | Trophic diversity and niche partitioning in a species rich predator guild [Natural variations in stable isotope ratios ( <sup>13</sup> C/ <sup>12</sup> C, <sup>15</sup> N/ <sup>14</sup> N) of mesostigmatid mites (Acari, Mesostigmata) from Central European beech forests. <i>Soil Biology and Biochemistry</i> , <b>2013</b> , 57, 327-333 | 7.5 | 63 |
| 331 | Earthworm and belowground competition effects on plant productivity in a plant diversity gradient. <i>Oecologia</i> , <b>2009</b> , 161, 291-301  | 2.9 | 63 |
| 330 | Impact of Lowland Rainforest Transformation on Diversity and Composition of Soil Prokaryotic Communities in Sumatra (Indonesia). <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1339   | 5.7 | 62 |

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|-----|---|-----|----|
| 329 | Molecular phylogeny of oribatid mites (Oribatida, Acari): evidence for multiple radiations of parthenogenetic lineages. <i>Experimental and Applied Acarology</i> , <b>2004</b> , 33, 183-201   | 2.1 | 62 |
| 328 | Arbuscular mycorrhiza and Collembola interact in affecting community composition of saprotrophic microfungi. <i>Oecologia</i> , <b>2005</b> , 142, 636-42   | 2.9 | 62 |
| 327 | Impacts of earthworms and arbuscular mycorrhizal fungi ( <i>Glomus intraradices</i> ) on plant performance are not interrelated. <i>Soil Biology and Biochemistry</i> , <b>2009</b> , 41, 561-567   | 7.5 | 61 |
| 326 | Small but active pool size does not matter for carbon incorporation in below-ground food webs. <i>Functional Ecology</i> , <b>2016</b> , 30, 479-489  | 5.6 | 60 |
| 325 | Functionally and phylogenetically diverse plant communities key to soil biota. <i>Ecology</i> , <b>2013</b> , 94, 1878-85   | 4.6 | 60 |
| 324 | Predator-prey chemical warfare determines the expression of biocontrol genes by rhizosphere-associated <i>Pseudomonas fluorescens</i> . <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 5263-8                                  | 4.8 | 60 |
| 323 | Direct and indirect effects of endogeic earthworms on plant seeds. <i>Pedobiologia</i> , <b>2009</b> , 52, 151-162  | 1.7 | 60 |
| 322 | Lipid composition of Collembola and their food resources in deciduous forest stands Implications for feeding strategies. <i>Soil Biology and Biochemistry</i> , <b>2007</b> , 39, 1990-2000   | 7.5 | 60 |
| 321 | Where are the decomposers? Uncovering the soil food web of a tropical montane rain forest in southern Ecuador using stable isotopes ( <sup>15</sup> N). <i>Journal of Tropical Ecology</i> , <b>2005</b> , 21, 589-593                            | 1.3 | 60 |
| 320 | Effects of biodiversity strengthen over time as ecosystem functioning declines at low and increases at high biodiversity. <i>Ecosphere</i> , <b>2016</b> , 7, e01619  | 3.1 | 60 |
| 319 | Regional factors rather than forest type drive the community structure of soil living oribatid mites (Acari, Oribatida). <i>Experimental and Applied Acarology</i> , <b>2012</b> , 57, 157-69   | 2.1 | 59 |
| 318 | The trophic structure of bark-living oribatid mite communities analysed with stable isotopes ( <sup>15</sup> N, <sup>13</sup> C) indicates strong niche differentiation. <i>Experimental and Applied Acarology</i> , <b>2007</b> , 41, 1-10       | 2.1 | 59 |
| 317 | Nematode functional guilds, not trophic groups, reflect shifts in soil food webs and processes in response to interacting global change factors. <i>Pedobiologia</i> , <b>2015</b> , 58, 23-32  | 1.7 | 58 |
| 316 | The oribatid mite community (Acarina) of pure and mixed stands of beech ( <i>Fagus sylvatica</i> ) and spruce ( <i>Picea abies</i> ) of different age. <i>Applied Soil Ecology</i> , <b>1998</b> , 9, 115-121                                     | 5   | 58 |
| 315 | Tree species diversity versus tree species identity: Driving forces in structuring forest food webs as indicated by soil nematodes. <i>Soil Biology and Biochemistry</i> , <b>2013</b> , 62, 36-45  | 7.5 | 57 |
| 314 | Decomposer animals (Lumbricidae, Collembola) and organic matter distribution affect the performance of <i>Lolium perenne</i> (Poaceae) and <i>Trifolium repens</i> (Fabaceae). <i>Soil Biology and Biochemistry</i> , <b>2004</b> , 36, 2005-2011 | 7.5 | 56 |
| 313 | Changes in plant species richness induce functional shifts in soil nematode communities in experimental grassland. <i>PLoS ONE</i> , <b>2011</b> , 6, e24087  | 3.7 | 55 |
| 312 | Invasibility of experimental grassland communities: the role of earthworms, plant functional group identity and seed size. <i>Oikos</i> , <b>2008</b> , 117, 1026-1036  | 4   | 55 |



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| 310 | Carbon transfer from maize roots and litter into bacteria and fungi depends on soil depth and time. <i>Soil Biology and Biochemistry</i> , <b>2016</b> , 93, 79-89   | 7.5  | 53 |
| 309 | Trade-offs between multifunctionality and profit in tropical smallholder landscapes. <i>Nature Communications</i> , <b>2020</b> , 11, 1186   | 17.4 | 52 |
| 308 | Earthworms as seedling predators: Importance of seeds and seedlings for earthworm nutrition. <i>Soil Biology and Biochemistry</i> , <b>2010</b> , 42, 1245-1252  | 7.5  | 52 |
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| 304 | Effects of resource availability and quality on the structure of the micro-food web of an arable soil across depth. <i>Soil Biology and Biochemistry</i> , <b>2012</b> , 50, 1-11  | 7.5  | 51 |
| 303 | Carbon and nutrient limitation of soil microorganisms and microbial grazers in a tropical montane rain forest. <i>Oikos</i> , <b>2010</b> , 119, 1020-1028   | 4    | 51 |
| 302 | Testate amoebae (protista) of an elevational gradient in the tropical mountain rain forest of Ecuador. <i>Pedobiologia</i> , <b>2007</b> , 51, 319-331   | 1.7  | 51 |
| 301 | Plant community impacts on the structure of earthworm communities depend on season and change with time. <i>Soil Biology and Biochemistry</i> , <b>2009</b> , 41, 2430-2443  | 7.5  | 50 |
| 300 | Trophic structure and major trophic links in conventional versus organic farming systems as indicated by carbon stable isotope ratios of fatty acids. <i>Oikos</i> , <b>2009</b> , 118, 1579-1589                                | 4    | 50 |
| 299 | Efficiency of two widespread non-destructive extraction methods under dry soil conditions for different ecological earthworm groups. <i>European Journal of Soil Biology</i> , <b>2008</b> , 44, 141-145                         | 2.9  | 50 |
| 298 | Mitochondrial COII sequences indicate that the parthenogenetic earthworm <i>Octolasion tyrtaeum</i> (Savigny 1826) constitutes of two lineages differing in body size and genotype. <i>Pedobiologia</i> , <b>2004</b> , 48, 9-13 | 1.7  | 50 |
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| 296 | Effects of sand and litter availability on organic matter decomposition in soil and in casts of <i>Lumbricus terrestris</i> L.. <i>Geoderma</i> , <b>2005</b> , 128, 155-166   | 6.7  | 49 |
| 295 | Radiation in sexual and parthenogenetic oribatid mites (Oribatida, Acari) as indicated by genetic divergence of closely related species. <i>Experimental and Applied Acarology</i> , <b>2003</b> , 29, 265-77                    | 2.1  | 49 |
| 294 | The physical structure of soil: Determinant and consequence of trophic interactions. <i>Soil Biology and Biochemistry</i> , <b>2020</b> , 148, 107876  | 7.5  | 48 |

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| 293 | Roots from beech ( <i>Fagus sylvatica</i> L.) and ash ( <i>Fraxinus excelsior</i> L.) differentially affect soil microorganisms and carbon dynamics. <i>Soil Biology and Biochemistry</i> , <b>2013</b> , 61, 23-32   | 7.5  | 48 |
| 292 | Habitat structure and prey aggregation determine the functional response in a soil predator-prey interaction. <i>Pedobiologia</i> , <b>2010</b> , 53, 307-312   | 1.7  | 48 |
| 291 | Interactions of earthworms ( <i>Octolasion lacteum</i> ), millipedes ( <i>Glomeris marginata</i> ) and plants ( <i>Hordelymus europaeus</i> ) in a beechwood on a basalt hill: implications for litter decomposition and soil formation. <i>Applied Soil Ecology</i> , <b>1998</b> , 9, 161-166 | 5    | 48 |
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| 289 | Taking it to the next level: Trophic transfer of marker fatty acids from basal resource to predators. <i>Soil Biology and Biochemistry</i> , <b>2010</b> , 42, 919-925  | 7.5  | 47 |
| 288 | The Collembola community of pure and mixed stands of beech ( <i>Fagus sylvatica</i> ) and spruce ( <i>Picea abies</i> ) of different age. <i>Pedobiologia</i> , <b>2008</b> , 51, 385-396   | 1.7  | 47 |
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| 286 | Mineralisation of C-labelled polystyrene plastics by <i>Penicillium variabile</i> after ozonation pre-treatment. <i>New Biotechnology</i> , <b>2017</b> , 38, 101-105   | 6.4  | 46 |
| 285 | Moderate changes in nutrient input alter tropical microbial and protist communities and belowground linkages. <i>ISME Journal</i> , <b>2014</b> , 8, 1126-34  | 11.9 | 46 |
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| 283 | Trophic shift of stable isotopes and fatty acids in Collembola on bacterial diets. <i>Soil Biology and Biochemistry</i> , <b>2006</b> , 38, 2004-2007   | 7.5  | 46 |
| 282 | Interactions Between Microorganisms and Soil Micro- and Mesofauna <b>2005</b> , 253-275   |      | 46 |
| 281 | Priorities for research in soil ecology. <i>Pedobiologia</i> , <b>2017</b> , 63, 1-7  | 1.7  | 44 |
| 280 | No Accumulation of Transposable Elements in Asexual Arthropods. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 697-706  | 8.3  | 44 |
| 279 | Free-living nematodes as prey for higher trophic levels of forest soil food webs. <i>Oikos</i> , <b>2014</b> , 123, 1199-1211   | 12.1 | 44 |
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| 277 | Resources and sex: Soil re-colonization by sexual and parthenogenetic oribatid mites. <i>Pedobiologia</i> , <b>2007</b> , 51, 1-11  | 1.7  | 44 |
| 276 | Exotic Ecosystem Engineers Change the Emergence of Plants from the Seed Bank of a Deciduous Forest. <i>Ecosystems</i> , <b>2009</b> , 12, 1008-1016   | 3.9  | 43 |

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| 271 | Synergistic effects of microbial and animal decomposers on plant and herbivore performance. <i>Basic and Applied Ecology</i> , <b>2010</b> , 11, 23-34  | 3.2 | 42 |
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| 268 | Trophic shift of soil animal species with forest type as indicated by stable isotope analysis. <i>Oikos</i> , <b>2014</b> , 123, 1173-1181  | 4   | 41 |
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| 235 | Reducing Fertilizer and Avoiding Herbicides in Oil Palm Plantations: Ecological and Economic Valuations. <i>Frontiers in Forests and Global Change</i> , <b>2019</b> , 2,  | 3.7  | 34 |
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| 229 | Trophic niche differentiation and utilisation of food resources in collembolans based on complementary analyses of fatty acids and stable isotopes. <i>Soil Biology and Biochemistry</i> , <b>2015</b> , 82, 28-35 | 7.5  | 33 |
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| 181 | Effects of litter (beech and stinging nettle) and earthworms ( <i>Octolasion lacteum</i> ) on carbon and nutrient cycling in beech forests on a basalt-limestone gradient: A laboratory experiment. <i>Biology and Fertility of Soils</i> , <b>1997</b> , 24, 384-393 | 6.1 | 25 |
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| 178 | Effects of plant diversity, functional group composition, and fertilization on soil microbial properties in experimental grassland. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125678  | 3.7 | 25 |
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| 176 | Roots rather than shoot residues drive soil arthropod communities of arable fields. <i>Oecologia</i> , <b>2015</b> , 179, 1135-45   | 2.9 | 24 |
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| 170 | Design and Manual to Construct Rainout-Shelters for Climate Change Experiments in Agroecosystems. <i>Frontiers in Environmental Science</i> , <b>2018</b> , 6,  | 4.8 | 23 |
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| 166 | A global database of soil nematode abundance and functional group composition. <i>Scientific Data</i> , <b>2020</b> , 7, 103  | 8.2 | 22 |
| 165 | Carbon and nitrogen fluxes between beech and their ectomycorrhizal assemblage. <i>Mycorrhiza</i> , <b>2014</b> , 24, 645-50   | 3.9 | 22 |
| 164 | Leaf and root litter decomposition is discontinued at high altitude tropical montane rainforests contributing to carbon sequestration. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 6432-6443  | 2.8 | 22 |
| 163 | Interference between bacterial feeding nematodes and amoebae relies on innate and inducible mutual toxicity. <i>Functional Ecology</i> , <b>2010</b> , 24, 1133-1138  | 5.6 | 22 |
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| 153 | Effects of density and temperature regime on respiratory activity of the epigeic earthworm species <i>Lumbricus rubellus</i> and <i>Dendrobaena octaedra</i> (Lumbricidae). <i>European Journal of Soil Biology</i> , <b>2004</b> , 40, 163-167   | 2.9 | 20 |
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| 151 | Driving factors and temporal fluctuation of Collembola communities and reproductive mode across forest types and regions. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 4390-4403   | 2.8 | 19 |
| 150 | Compound-specific isotope analysis of amino acids as a new tool to uncover trophic chains in soil food webs. <i>Ecological Monographs</i> , <b>2019</b> , 89, e01384  | 9   | 19 |

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| 146 | Mechanisms behind plant diversity effects on inorganic and organic N leaching from temperate grassland. <i>Biogeochemistry</i> , <b>2016</b> , 131, 339-353   | 3.8  | 19 |
| 145 | Biodiversity increases multitrophic energy use efficiency, flow and storage in grasslands. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 393-405   | 12.3 | 18 |
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| 138 | Decomposition of leaf litter mixtures across biomes: The role of litter identity, diversity and soil fauna. <i>Journal of Ecology</i> , <b>2020</b> , 108, 2283-2297  | 6    | 17 |
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| 97  | Neutral lipid fatty acid composition as trait and constraint in Collembola evolution. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 9624-9638   | 2.8 | 10 |
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| 78 | Phylogenetic and trophic determinants of gut microbiota in soil oribatid mites. <i>Soil Biology and Biochemistry</i> , <b>2018</b> , 123, 155-164   | 7.5 | 8  |

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| 62 | Cryptic species in <i>Lepidocyrtus lanuginosus</i> (Collembola: Entomobryidae) are sorted by habitat type. <i>Pedobiologia</i> , <b>2018</b> , 68, 12-19  | 1.7  | 5 |
| 61 | Drivers of nitrogen leaching from organic layers in Central European beech forests. <i>Plant and Soil</i> , <b>2016</b> , 403, 343-360  | 4.2  | 5 |
| 60 | Isotope analyses of amino acids in fungi and fungal feeding Diptera larvae allow differentiating ectomycorrhizal and saprotrophic fungi-based food chains. <i>Functional Ecology</i> , <b>2020</b> , 34, 2375-2388    | 5.6  | 5 |

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| 59 | Trophic niche differentiation and utilisation of food resources in Collembola is altered by rainforest conversion to plantation systems. <i>PeerJ</i> , <b>2021</b> , 9, e10971  | 3.1  | 5 |
| 58 | Leaf litter species identity influences biochemical composition of ectomycorrhizal fungi. <i>Mycorrhiza</i> , <b>2019</b> , 29, 85-96  | 3.9  | 5 |
| 57 | Seasonal dynamics and changing sea level as determinants of the community and trophic structure of oribatid mites in a salt marsh of the Wadden Sea. <i>PLoS ONE</i> , <b>2018</b> , 13, e0207141  | 3.7  | 5 |
| 56 | Decomposer diversity increases biomass production and shifts aboveground-belowground biomass allocation of common wheat. <i>Scientific Reports</i> , <b>2018</b> , 8, 17894  | 4.9  | 5 |
| 55 | Collembola interact with mycorrhizal fungi in modifying oak morphology, C and N incorporation and transcriptomics. <i>Royal Society Open Science</i> , <b>2019</b> , 6, 181869   | 3.3  | 4 |
| 54 | The biodiversity - N cycle relationship: a <sup>15</sup> N tracer experiment with soil from plant mixtures of varying diversity to model N pool sizes and transformation rates. <i>Biology and Fertility of Soils</i> , <b>2020</b> , 56, 1047-1061                  | 6.1  | 4 |
| 53 | Influence of spatial structure on the maintenance of sexual reproduction. <i>Journal of Theoretical Biology</i> , <b>2008</b> , 254, 520-8   | 2.3  | 4 |
| 52 | Conversion of Andean montane forests into plantations: Effects on soil characteristics, microorganisms, and microarthropods. <i>Biotropica</i> , <b>2020</b> , 52, 1142-1154   | 2.3  | 4 |
| 51 | The Impact of Root-Derived Resources on Forest Soil Invertebrates Depends on Body Size and Trophic Position. <i>Frontiers in Forests and Global Change</i> , <b>2021</b> , 4,  | 3.7  | 4 |
| 50 | Variation in Community-Level Trophic Niches of Soil Microarthropods With Conversion of Tropical Rainforest Into Plantation Systems as Indicated by Stable Isotopes ( <sup>15</sup> N, <sup>13</sup> C). <i>Frontiers in Ecology and Evolution</i> , <b>2021</b> , 9, | 3.7  | 4 |
| 49 | An interdisciplinary framework to describe and evaluate the functioning of forest ecosystems. <i>Basic and Applied Ecology</i> , <b>2021</b> , 52, 1-14  | 3.2  | 4 |
| 48 | Cryptic niche differentiation in West African savannah termites as indicated by stable isotopes. <i>Ecological Entomology</i> , <b>2019</b> , 44, 190-196  | 2.1  | 4 |
| 47 | Legacy effects of temporary grassland in annual crop rotation on soil ecosystem services. <i>Science of the Total Environment</i> , <b>2021</b> , 780, 146140  | 10.2 | 4 |
| 46 | The flux of root-derived carbon via fungi and bacteria into soil microarthropods (Collembola) differs markedly between cropping systems. <i>Soil Biology and Biochemistry</i> , <b>2021</b> , 160, 108336  | 7.5  | 4 |
| 45 | Changes in diversity and body size of Onychiurinae (Collembola: Onychiuridae) along an altitudinal gradient in Changbai Mountain, China. <i>Soil Ecology Letters</i> , <b>2020</b> , 2, 230-239  | 2.7  | 3 |
| 44 | Aboveground soil supports high levels of biological activity in oil palm plantations. <i>Frontiers in Ecology and the Environment</i> , <b>2020</b> , 18, 181-187  | 5.5  | 3 |
| 43 | Response of oribatid mites to reforestation of degraded tropical montane pastureland. <i>European Journal of Soil Biology</i> , <b>2018</b> , 84, 35-41  | 2.9  | 3 |
| 42 | Diversity and functional structure of soil animal communities suggest soil animal food webs to be buffered against changes in forest land use. <i>Oecologia</i> , <b>2021</b> , 196, 195-209   | 2.9  | 3 |

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| 41 | Soil microarthropods respond differently to simulated drought in organic and conventional farming systems. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 10369-10380  | 2.8 | 3 |
| 40 | Plant diversity enhances production and downward transport of biodegradable dissolved organic matter. <i>Journal of Ecology</i> , <b>2021</b> , 109, 1284-1297   | 6   | 3 |
| 39 | Leaf litter identity rather than diversity shapes microbial functions and microarthropod abundance in tropical montane rainforests. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 2360-2374                         | 2.8 | 3 |
| 38 | Functional trait dimensions of trophic metacommunities. <i>Ecography</i> , <b>2021</b> , 44, 1486-1500   | 6.5 | 3 |
| 37 | Nitrogen addition and plant functional type independently modify soil mesofauna effects on litter decomposition. <i>Soil Biology and Biochemistry</i> , <b>2021</b> , 160, 108340                                      | 7.5 | 3 |
| 36 | No signal of deleterious mutation accumulation in conserved gene sequences of extant asexual hexapods. <i>Scientific Reports</i> , <b>2019</b> , 9, 5338   | 4.9 | 2 |
| 35 | Evaluation of Morphological Characteristics to Delineate Taxa of the Genus <i>Trigonopyxis</i> (Amoebozoa, Arcellinida). <i>Protist</i> , <b>2018</b> , 169, 190-205   | 2.5 | 2 |
| 34 | Effects of storage and handling on neutral lipid fatty acid profiles of two woodlice (Isopoda, Crustacea) species differing in size. <i>Applied Soil Ecology</i> , <b>2018</b> , 130, 178-184                          | 5   | 2 |
| 33 | Effects of root and leaf litter identity and diversity on oribatid mite abundance, species richness and community composition. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219166  | 3.7 | 2 |
| 32 | <i>Agraphorura xuae</i> sp. nov., the First Record of Onychiuridae (Collembola) from Continental Ecuador, with a Key to the Known Species of the Genus. <i>Annales Zoologici</i> , <b>2017</b> , 67, 253-259           | 0.6 | 2 |
| 31 | Corrigendum to Schneider, Scheu & Brose (2012) DOI: 10.1111/j.1461-0248.2012.01750.x. <i>Ecology Letters</i> , <b>2014</b> , 17, 1339-1340   | 10  | 2 |
| 30 | Ecological and evolutionary processes shape below-ground springtail communities along an elevational gradient. <i>Journal of Biogeography</i> ,  | 4.1 | 2 |
| 29 | Ectomycorrhizal fungus supports endogenous rhythmic growth and corresponding resource allocation in oak during various below- and aboveground biotic interactions. <i>Scientific Reports</i> , <b>2021</b> , 11, 23680 | 4.9 | 2 |
| 28 | Diversity of butterflies (Lepidoptera) across rainforest transformation systems in Jambi, Sumatra, Indonesia. <i>Biodiversitas</i> , <b>2020</b> , 21,   | 1.5 | 2 |
| 27 | Review of the mite genus (Acari, Laelapidae) and redescription of <i>Berlese</i> . <i>ZooKeys</i> , <b>2019</b> , 853, 1-36  | 1.2 | 2 |
| 26 | Genome Evolution of Asexual Organisms and the Paradox of Sex in Eukaryotes <b>2020</b> , 133-167   |     | 2 |
| 25 | Changes in diversity and community assembly of jumping spiders (Araneae: Salticidae) after rainforest conversion to rubber and oil palm plantations. <i>PeerJ</i> , <b>2021</b> , 9, e11012                            | 3.1 | 2 |
| 24 | Response of soil microbial communities to mixed beech-conifer forests varies with site conditions. <i>Soil Biology and Biochemistry</i> , <b>2021</b> , 155, 108155  | 7.5 | 2 |



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| 23 | Oil palm and rubber expansion facilitates earthworm invasion in Indonesia. <i>Biological Invasions</i> , <b>2021</b> , 23, 2783-2795  | 2.7  | 2 |
| 22 | The role of invasive marine plants for macrofauna nutrition in the Wadden Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2019</b> , 512, 1-11  | 2.1  | 2 |
| 21 | Repeated convergent evolution of parthenogenesis in Acariformes (Acari). <i>Ecology and Evolution</i> , <b>2021</b> , 11, 321-337   | 2.8  | 2 |
| 20 | Haplotype divergence supports long-term asexuality in the oribatid mite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,                            | 11.5 | 2 |
| 19 | Biodiversity and ecosystem functions depend on environmental conditions and resources rather than the geodiversity of a tropical biodiversity hotspot.. <i>Scientific Reports</i> , <b>2021</b> , 11, 24530     | 4.9  | 2 |
| 18 | Conventional agriculture and not drought alters relationships between soil biota and functions.. <i>Scientific Reports</i> , <b>2021</b> , 11, 23975  | 4.9  | 2 |
| 17 | Expanding the toolbox of nutrient limitation studies: A novel method of soil microbial in-growth bags to evaluate nutrient demands in tropical forests. <i>Functional Ecology</i> , <b>2019</b> , 33, 1536-1548 | 5.6  | 1 |
| 16 | Does metal pollution affect the stoichiometry of soil-litter food webs?. <i>Pedobiologia</i> , <b>2020</b> , 80, 150649   | 1.7  | 1 |
| 15 | Drivers of Collembola assemblages along an altitudinal gradient in northeast China.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8559   | 2.8  | 1 |
| 14 | A new species of the genus <i>Lasioseius</i> (Acari: Blattisociidae) inhabiting litter of secondary rainforest in Sumatra, Indonesia. <i>Acarologia</i> , <b>2020</b> , 60, 338-352                             | 0.7  | 1 |
| 13 | Review of the mite genus Datta & Bhattacharjee (Mesostigmata, Parholaspididae) with re-description of comb. nov. (Ishikawa) from Indonesia. <i>ZooKeys</i> , <b>2020</b> , 997, 47-68                           | 1.2  | 1 |
| 12 | Effective purifying selection in ancient asexual oribatid mites   |      | 1 |
| 11 | Response of soil microbial communities to mixed forests of European beech and conifers: Variations with site conditions   |      | 1 |
| 10 | Oribatid mite communities in mountain scree: stable isotopes (N, C) reveal three trophic levels of exclusively sexual species. <i>Experimental and Applied Acarology</i> , <b>2021</b> , 83, 375-386            | 2.1  | 1 |
| 9  | Trophic niche but not abundance of Collembola and Oribatida changes with drought and farming system.. <i>PeerJ</i> , <b>2022</b> , 10, e12777   | 3.1  | 0 |
| 8  | Incorporation of mineral nitrogen into the soil food web as affected by plant community composition. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 4295-4309   | 2.8  | 0 |
| 7  | Conversion of rainforest into oil palm and rubber plantations affects the functional composition of litter and soil Collembola. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 10686-10708                    | 2.8  | 0 |
| 6  | Rainforest conversion to monocultures favors generalist ants with large colonies. <i>Ecosphere</i> , <b>2021</b> , 12, e03717   | 3.1  | 0 |

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| 5 | Spatial and temporal variations in salt marsh microorganisms of the Wadden Sea.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8767  | 2.8 | 0 |
| 4 | Trophic level and basal resource use of soil animals are hardly affected by local plant associations in abandoned arable land. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 8279-8288                | 2.8 |   |
| 3 | The complete mitochondrial genome of an enigmatic predaceous springtail from northeast China. <i>Mitochondrial DNA Part B: Resources</i> , <b>2020</b> , 5, 506-508                                      | 0.5 |   |
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| 1 | Contribution to the knowledge of the oribatid mite genus <i>Kalloia</i> (Acari, Oribatida, Carabodidae), with description of a new species from Indonesia. <i>Acarologia</i> , <b>2019</b> , 59, 323-334 | 0.7 |   |