

Martijn Bezemer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

190
papers

13,342
citations

55
h-index

113
g-index

199
ext. papers

15,771
ext. citations

6.2
avg, IF

6.44
L-index

#	Paper	IF	Citations
190	Herbivory in global climate change research: direct effects of rising temperature on insect herbivores. <i>Global Change Biology</i> , 2002 , 8, 1-16	11.4	1546
189	Plant-soil feedbacks: the past, the present and future challenges. <i>Journal of Ecology</i> , 2013 , 101, 265-276	6	841
188	Biodiversity increases the resistance of ecosystem productivity to climate extremes. <i>Nature</i> , 2015 , 526, 574-7	50.4	647
187	Species divergence and trait convergence in experimental plant community assembly. <i>Ecology Letters</i> , 2005 , 8, 1283-1290	10	519
186	Linking aboveground and belowground interactions via induced plant defenses. <i>Trends in Ecology and Evolution</i> , 2005 , 20, 617-24	10.9	435
185	Soil invertebrate fauna enhances grassland succession and diversity. <i>Nature</i> , 2003 , 422, 711-3	50.4	435
184	Temporal variation in plant-soil feedback controls succession. <i>Ecology Letters</i> , 2006 , 9, 1080-8	10	426
183	Long-term organic farming fosters below and aboveground biota: Implications for soil quality, biological control and productivity. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 2297-2308	7.5	353
182	Plant-Insect Herbivore Interactions in Elevated Atmospheric CO ₂ : Quantitative Analyses and Guild Effects. <i>Oikos</i> , 1998 , 82, 212	4	329
181	Plant species and functional group effects on abiotic and microbial soil properties and plant-soil feedback responses in two grasslands. <i>Journal of Ecology</i> , 2006 , 94, 893-904	6	269
180	Soil inoculation steers restoration of terrestrial ecosystems. <i>Nature Plants</i> , 2016 , 2, 16107	11.5	219
179	Successful range-expanding plants experience less above-ground and below-ground enemy impact. <i>Nature</i> , 2008 , 456, 946-8	50.4	207
178	Impacts of rising atmospheric carbon dioxide on model terrestrial ecosystems. <i>Science</i> , 1998 , 280, 441-3	33.3	202
177	Empirical and theoretical challenges in aboveground-belowground ecology. <i>Oecologia</i> , 2009 , 161, 1-14	2.9	194
176	Root herbivore effects on above-ground herbivore, parasitoid and hyperparasitoid performance via changes in plant quality. <i>Journal of Animal Ecology</i> , 2005 , 74, 1121-1130	4.7	194
175	Biochar application does not improve the soil hydrological function of a sandy soil. <i>Geoderma</i> , 2015 , 251-252, 47-54	6.7	184
174	The way forward in biochar research: targeting trade-offs between the potential wins. <i>GCB Bioenergy</i> , 2015 , 7, 1-13	5.6	177

173	Interactions between above- and belowground insect herbivores as mediated by the plant defense system. <i>Oikos</i> , 2003 , 101, 555-562	4	174
172	Soil community composition drives aboveground plant herbivore-parasitoid interactions. <i>Ecology Letters</i> , 2005 , 8, 652-661	10	174
171	Response of native insect communities to invasive plants. <i>Annual Review of Entomology</i> , 2014 , 59, 119-41.8	11.8	163
170	Divergent composition but similar function of soil food webs of individual plants: plant species and community effects. <i>Ecology</i> , 2010 , 91, 3027-36	4.6	163
169	Plant-Soil Feedback: Bridging Natural and Agricultural Sciences. <i>Trends in Ecology and Evolution</i> , 2018 , 33, 129-142	10.9	153
168	Root herbivores influence the behaviour of an aboveground parasitoid through changes in plant-volatile signals. <i>Oikos</i> , 2007 , 116, 367-376	4	145
167	Intra- and interspecific plant-soil interactions, soil legacies and priority effects during old-field succession. <i>Journal of Ecology</i> , 2011 , 99, 945-953	6	134
166	Trophic interactions in a changing world. <i>Basic and Applied Ecology</i> , 2004 , 5, 487-494	3.2	130
165	Interactions between aboveground and belowground induced responses against phytophages. <i>Basic and Applied Ecology</i> , 2003 , 4, 63-77	3.2	127
164	Long-term effects of elevated CO and temperature on populations of the peach potato aphid <i>Myzus persicae</i> and its parasitoid <i>Aphidius matricariae</i> . <i>Oecologia</i> , 1998 , 116, 128-135	2.9	126
163	Steering Soil Microbiomes to Suppress Aboveground Insect Pests. <i>Trends in Plant Science</i> , 2017 , 22, 770-778	7.8	116
162	Biochar application rate affects biological nitrogen fixation in red clover conditional on potassium availability. <i>Agriculture, Ecosystems and Environment</i> , 2014 , 191, 83-91	5.7	116
161	Reduced plant-soil feedback of plant species expanding their range as compared to natives. <i>Journal of Ecology</i> , 2007 , 95, 1050-1057	6	115
160	Climate vs. soil factors in local adaptation of two common plant species. <i>Ecology</i> , 2007 , 88, 424-33	4.6	110
159	Impact of foliar herbivory on the development of a root-feeding insect and its parasitoid. <i>Oecologia</i> , 2007 , 152, 257-64	2.9	105
158	Legacy effects of aboveground-belowground interactions. <i>Ecology Letters</i> , 2012 , 15, 813-21	10	102
157	Above- and below-ground terpenoid aldehyde induction in cotton, <i>Gossypium herbaceum</i> , following root and leaf injury. <i>Journal of Chemical Ecology</i> , 2004 , 30, 53-67	2.7	102
156	Development of the solitary endoparasitoid <i>Microplitis demolitor</i> : host quality does not increase with host age and size. <i>Ecological Entomology</i> , 2004 , 29, 35-43	2.1	102

155	International scientists formulate a roadmap for insect conservation and recovery. <i>Nature Ecology and Evolution</i> , 2020 , 4, 174-176	12.3	98
154	Soil amendment with biochar increases the competitive ability of legumes via increased potassium availability. <i>Agriculture, Ecosystems and Environment</i> , 2014 , 191, 92-98	5.7	90
153	Long-term effectiveness of sowing high and low diversity seed mixtures to enhance plant community development on ex-arable fields. <i>Applied Vegetation Science</i> , 2007 , 10, 97-110	3.3	86
152	Getting the ecology into interactions between plants and the plant growth-promoting bacterium <i>Pseudomonas fluorescens</i> . <i>Frontiers in Plant Science</i> , 2013 , 4, 81	6.2	84
151	Root herbivore effects on aboveground multitrophic interactions: patterns, processes and mechanisms. <i>Journal of Chemical Ecology</i> , 2012 , 38, 755-67	2.7	80
150	Interplay between <i>Senecio jacobaea</i> and plant, soil, and aboveground insect community composition. <i>Ecology</i> , 2006 , 87, 2002-13	4.6	80
149	Successional trajectories of soil nematode and plant communities in a chronosequence of ex-arable lands. <i>Biological Conservation</i> , 2005 , 126, 317-327	6.2	77
148	Below-Ground Microbial Community Development in a High Temperature World. <i>Oikos</i> , 1999 , 85, 193	4	73
147	Ecology: diversity and stability in plant communities. <i>Nature</i> , 2007 , 446, E6-7; discussion E7-8	50.4	70
146	Plant-soil interactions in the expansion and native range of a poleward shifting plant species. <i>Global Change Biology</i> , 2010 , 16, 380-385	11.4	68
145	Community composition, diversity and metabolic footprints of soil nematodes in differently-aged temperate forests. <i>Soil Biology and Biochemistry</i> , 2015 , 80, 118-126	7.5	67
144	Impact of elevated carbon dioxide on the rhizosphere communities of <i>Carex arenaria</i> and <i>Festuca rubra</i> . <i>Global Change Biology</i> , 2007 , 13, 2396-2410	11.4	64
143	Species-specific plant-soil feedback effects on above-ground plant-insect interactions. <i>Journal of Ecology</i> , 2015 , 103, 904-914	6	63
142	Root herbivory induces an above-ground indirect defence. <i>Ecology Letters</i> , 2003 , 6, 9-12	10	62
141	Foliar-feeding insects acquire microbiomes from the soil rather than the host plant. <i>Nature Communications</i> , 2019 , 10, 1254	17.4	61
140	The importance of plant-soil interactions, soil nutrients, and plant life history traits for the temporal dynamics of <i>Jacobaea vulgaris</i> in a chronosequence of old-fields. <i>Oikos</i> , 2012 , 121, 1251-1262	4	58
139	Above- and below-ground herbivory effects on below-ground plant-fungus interactions and plant-soil feedback responses. <i>Journal of Ecology</i> , 2013 , 101, 325-333	6	56
138	How General are Aphid Responses to Elevated Atmospheric CO ₂ ?. <i>Annals of the Entomological Society of America</i> , 1999 , 92, 724-730	2	56

137	Restoration of species-rich grasslands on ex-arable land: Seed addition outweighs soil fertility reduction. <i>Biological Conservation</i> , 2008 , 141, 2208-2217	6.2	55
136	Clutch size decisions of a gregarious parasitoid under laboratory and field conditions. <i>Animal Behaviour</i> , 2003 , 66, 1119-1128	2.8	55
135	Soil inoculation method determines the strength of plant-soil interactions. <i>Soil Biology and Biochemistry</i> , 2012 , 55, 1-6	7.5	53
134	Influence of adult nutrition on the relationship between body size and reproductive parameters in a parasitoid wasp. <i>Ecological Entomology</i> , 2005 , 30, 571-580	2.1	49
133	Community patterns of soil bacteria and nematodes in relation to geographic distance. <i>Soil Biology and Biochemistry</i> , 2012 , 45, 1-7	7.5	48
132	Development of an insect herbivore and its pupal parasitoid reflect differences in direct plant defense. <i>Journal of Chemical Ecology</i> , 2007 , 33, 1556-69	2.7	48
131	Soil Organism and Plant Introductions in Restoration of Species-Rich Grassland Communities. <i>Restoration Ecology</i> , 2009 , 17, 258-269	3.1	47
130	Recovery of plant species richness during long-term fertilization of a species-rich grassland. <i>Ecology</i> , 2011 , 92, 1393-8	4.6	46
129	Effects of changes in plant species richness and community traits on carabid assemblages and feeding guilds. <i>Agriculture, Ecosystems and Environment</i> , 2008 , 127, 100-106	5.7	43
128	Effects of Soil Organisms on Aboveground Plant-Insect Interactions in the Field: Patterns, Mechanisms and the Role of Methodology. <i>Frontiers in Ecology and Evolution</i> , 2018 , 6,	3.7	41
127	Soil biochar amendment in a nature restoration area: effects on plant productivity and community composition 2014 , 24, 1167-77		38
126	Plant-soil feedback of native and range-expanding plant species is insensitive to temperature. <i>Oecologia</i> , 2010 , 162, 1059-69	2.9	38
125	Changes in litter quality induced by N deposition alter soil microbial communities. <i>Soil Biology and Biochemistry</i> , 2019 , 130, 33-42	7.5	38
124	Influence of presence and spatial arrangement of belowground insects on host-plant selection of aboveground insects: a field study. <i>Ecological Entomology</i> , 2009 , 34, 339-345	2.1	37
123	Influences of space, soil, nematodes and plants on microbial community composition of chalk grassland soils. <i>Environmental Microbiology</i> , 2010 , 12, 2096-106	5.2	37
122	Single introductions of soil biota and plants generate long-term legacies in soil and plant community assembly. <i>Ecology Letters</i> , 2019 , 22, 1145-1151	10	35
121	Plant community composition steers grassland vegetation via soil legacy effects. <i>Ecology Letters</i> , 2020 , 23, 973-982	10	35
120	Contrasting diversity patterns of soil mites and nematodes in secondary succession. <i>Acta Oecologica</i> , 2009 , 35, 603-609	1.7	35

119	Long-term effectiveness of sowing high and low diversity seed mixtures to enhance plant community development on ex-arable fields. <i>Applied Vegetation Science</i> , 2007 , 10, 97	3.3	35
118	Plant community composition but not plant traits determine the outcome of soil legacy effects on plants and insects. <i>Journal of Ecology</i> , 2018 , 106, 1217-1229	6	35
117	FORUM: Sustaining ecosystem functions in a changing world: a call for an integrated approach. <i>Journal of Applied Ecology</i> , 2013 , 50, 1124-1130	5.8	34
116	Potential effects of earthworms on leaf-chewer performance. <i>Functional Ecology</i> , 2004 , 18, 746-751	5.6	34
115	Behaviour of male and female parasitoids in the field: influence of patch size, host density, and habitat complexity. <i>Ecological Entomology</i> , 2010 , 35, 341-351	2.1	33
114	Foraging efficiency of a parasitoid of a leaf herbivore is influenced by root herbivory on neighbouring plants. <i>Functional Ecology</i> , 2007 , 21, 969-974	5.6	33
113	Global change alters the stability of food webs. <i>Global Change Biology</i> , 2005 , 11, 490-501	11.4	33
112	Host Density Responses of <i>Mastrus ridibundus</i> , a Parasitoid of the Codling Moth, <i>Cydia pomonella</i> . <i>Biological Control</i> , 2001 , 22, 169-175	3.8	33
111	Conditioning the soil microbiome through plant-soil feedbacks suppresses an aboveground insect pest. <i>New Phytologist</i> , 2020 , 226, 595-608	9.8	33
110	Do parasitized caterpillars protect their parasitoids from hyperparasitoids? A test of the Usurpation hypothesis. <i>Animal Behaviour</i> , 2008 , 76, 701-708	2.8	31
109	The effect of elevated atmospheric carbon dioxide levels on soil bacterial communities. <i>Global Change Biology</i> , 2000 , 6, 427-434	11.4	31
108	Time after Time: Temporal Variation in the Effects of Grass and Forb Species on Soil Bacterial and Fungal Communities. <i>MBio</i> , 2019 , 10,	7.8	30
107	Plant-soil feedback effects on plant quality and performance of an aboveground herbivore interact with fertilisation. <i>Oikos</i> , 2015 , 124, 658-667	4	28
106	Plant competition alters the temporal dynamics of plant-soil feedbacks. <i>Journal of Ecology</i> , 2018 , 106, 2287-2300	6	27
105	Comparing arbuscular mycorrhizal communities of individual plants in a grassland biodiversity experiment. <i>New Phytologist</i> , 2010 , 186, 746-54	9.8	27
104	<i>Poa annua</i> shows inter-generational differences in response to elevated CO ₂ . <i>Global Change Biology</i> , 1998 , 4, 687-691	11.4	27
103	How does global change affect the strength of trophic interactions?. <i>Basic and Applied Ecology</i> , 2004 , 5, 505-514	3.2	27
102	Species-specific plant-soil feedbacks alter herbivore-induced gene expression and defense chemistry in <i>Plantago lanceolata</i> . <i>Oecologia</i> , 2018 , 188, 801-811	2.9	26

101	Soil and Freshwater and Marine Sediment Food Webs: Their Structure and Function. <i>BioScience</i> , 2013 , 63, 35-42	5.7	26
100	Sequential effects of root and foliar herbivory on aboveground and belowground induced plant defense responses and insect performance. <i>Oecologia</i> , 2014 , 175, 187-98	2.9	26
99	Comparing the physiological effects and function of larval feeding in closely-related endoparasitoids (Braconidae: Microgastrinae). <i>Physiological Entomology</i> , 2008 , 33, 217-225	1.9	26
98	Effects of spatial plant-soil feedback heterogeneity on plant performance in monocultures. <i>Journal of Ecology</i> , 2016 , 104, 364-376	6	26
97	Removal of soil biota alters soil feedback effects on plant growth and defense chemistry. <i>New Phytologist</i> , 2019 , 221, 1478-1491	9.8	26
96	Plant-Soil Feedback Effects on Growth, Defense and Susceptibility to a Soil-Borne Disease in a Cut Flower Crop: Species and Functional Group Effects. <i>Frontiers in Plant Science</i> , 2017 , 8, 2127	6.2	25
95	Combined effects of patch size and plant nutritional quality on local densities of insect herbivores. <i>Basic and Applied Ecology</i> , 2010 , 11, 396-405	3.2	25
94	Opposing effects of nitrogen and water addition on soil bacterial and fungal communities in the Inner Mongolia steppe: A field experiment. <i>Applied Soil Ecology</i> , 2016 , 108, 128-135	5	24
93	Effects of the Timing of Herbivory on Plant Defense Induction and Insect Performance in Ribwort Plantain (<i>Plantago lanceolata</i> L.) Depend on Plant Mycorrhizal Status. <i>Journal of Chemical Ecology</i> , 2015 , 41, 1006-17	2.7	24
92	Interactions to the fifth trophic level: secondary and tertiary parasitoid wasps show extraordinary efficiency in utilizing host resources. <i>Journal of Animal Ecology</i> , 2009 , 78, 686-92	4.7	24
91	Home-field advantages of litter decomposition increase with increasing N deposition rates: a litter and soil perspective. <i>Functional Ecology</i> , 2017 , 31, 1792-1801	5.6	23
90	Disentangling above- and belowground neighbor effects on the growth, chemistry, and arthropod community on a focal plant. <i>Ecology</i> , 2015 , 96, 164-75	4.6	23
89	Life-history traits in closely related secondary parasitoids sharing the same primary parasitoid host: evolutionary opportunities and constraints. <i>Entomologia Experimentalis Et Applicata</i> , 2009 , 132, 155-164	2.1	22
88	Remarkable similarity in body mass of a secondary hyperparasitoid <i>Lysibia nana</i> and its primary parasitoid host <i>Cotesia glomerata</i> emerging from cocoons of comparable size. <i>Archives of Insect Biochemistry and Physiology</i> , 2006 , 61, 170-83	2.3	22
87	Effects of host deprivation and egg expenditure on the reproductive capacity of <i>Mastrus ridibundus</i> , an introduced parasitoid for the biological control of codling moth in California. <i>Biological Control</i> , 2005 , 33, 96-106	3.8	22
86	Transient negative biochar effects on plant growth are strongest after microbial species loss. <i>Soil Biology and Biochemistry</i> , 2017 , 115, 442-451	7.5	21
85	Legacy effects of elevated ozone on soil biota and plant growth. <i>Soil Biology and Biochemistry</i> , 2015 , 91, 50-57	7.5	21
84	Effects of root herbivory on pyrrolizidine alkaloid content and aboveground plant-herbivore-parasitoid interactions in <i>Jacobaea vulgaris</i> . <i>Journal of Chemical Ecology</i> , 2013 , 39, 109-117	2.7	21

83	Plant community evenness responds to spatial plant-soil feedback heterogeneity primarily through the diversity of soil conditioning. <i>Functional Ecology</i> , 2018 , 32, 509-521	5.6	21
82	Initial biochar effects on plant productivity derive from N fertilization. <i>Plant and Soil</i> , 2017 , 415, 435-448	4.2	19
81	The good, the bad and the plenty: interactive effects of food quality and quantity on the growth of different <i>Daphnia</i> species. <i>PLoS ONE</i> , 2012 , 7, e42966	3.7	19
80	Complementarity and selection effects in early and mid-successional plant communities are differentially affected by plant-soil feedback. <i>Journal of Ecology</i> , 2015 , 103, 641-647	6	18
79	Plant diversity and identity effects on predatory nematodes and their prey. <i>Ecology and Evolution</i> , 2015 , 5, 836-47	2.8	18
78	Temporal carry-over effects in sequential plant-soil feedbacks. <i>Oikos</i> , 2018 , 127, 220-229	4	17
77	Effects of diversity and identity of the neighbouring plant community on the abundance of arthropods on individual ragwort (<i>Jacobaea vulgaris</i>) plants. <i>Entomologia Experimentalis Et Applicata</i> , 2012 , 144, 27-36	2.1	17
76	Impacts of belowground herbivory on oviposition decisions in two congeneric butterfly species. <i>Entomologia Experimentalis Et Applicata</i> , 2010 , 136, 191-198	2.1	17
75	Effects of carbon dioxide and nitrogen fertilization on phenolic content in <i>Poa annua</i> L. <i>Biochemical Systematics and Ecology</i> , 2000 , 28, 839-846	1.4	17
74	Structure and ecological function of the soil microbiome affecting plant-soil feedbacks in the presence of a soil-borne pathogen. <i>Environmental Microbiology</i> , 2020 , 22, 660-676	5.2	17
73	Local variation in conspecific plant density influences plant-soil feedback in a natural grassland. <i>Basic and Applied Ecology</i> , 2013 , 14, 506-514	3.2	16
72	Can the negative plant-soil feedback of <i>Jacobaea vulgaris</i> be explained by autotoxicity?. <i>Basic and Applied Ecology</i> , 2012 , 13, 533-541	3.2	16
71	Arbuscular mycorrhizal colonization, plant chemistry, and aboveground herbivory on <i>Senecio jacobaea</i> . <i>Acta Oecologica</i> , 2012 , 38, 8-16	1.7	16
70	Steering root microbiomes of a commercial horticultural crop with plant-soil feedbacks. <i>Applied Soil Ecology</i> , 2020 , 150, 103468	5	16
69	Drivers of bacterial beta diversity in two temperate forests. <i>Ecological Research</i> , 2016 , 31, 57-64	1.9	15
68	Interspecific competition of early successional plant species in ex-arable fields as influenced by plant-soil feedback. <i>Basic and Applied Ecology</i> , 2015 , 16, 112-119	3.2	15
67	Above-ground plant metabolomic responses to plant-soil feedbacks and herbivory. <i>Journal of Ecology</i> , 2020 , 108, 1703-1712	6	15
66	Intraspecific aggregation and soil heterogeneity: competitive interactions of two clonal plants with contrasting spatial architecture. <i>Plant and Soil</i> , 2018 , 425, 231-240	4.2	15

65	Effects of plant diversity on the concentration of secondary plant metabolites and the density of arthropods on focal plants in the field. <i>Journal of Ecology</i> , 2017 , 105, 647-660	6	15
64	Small-scale spatial resource partitioning in a hyperparasitoid community. <i>Arthropod-Plant Interactions</i> , 2014 , 8, 393-401	2.2	15
63	Intrinsic competition between two secondary hyperparasitoids results in temporal trophic switch. <i>Oikos</i> , 2011 , 120, 226-233	4	15
62	Plant traits shape soil legacy effects on individual plant-insect interactions. <i>Oikos</i> , 2020 , 129, 261-273	4	15
61	Biodiversity-ecosystem functioning relationships in a long-term non-weeded field experiment. <i>Ecology</i> , 2018 , 99, 1836-1846	4.6	15
60	Contrasting patterns of herbivore and predator pressure on invasive and native plants. <i>Basic and Applied Ecology</i> , 2012 , 13, 725-734	3.2	14
59	Long-term fertilization management affects the C utilization from crop residues by the soil micro-food web. <i>Plant and Soil</i> , 2018 , 429, 335-348	4.2	14
58	Above- and below ground trophic interactions on creeping thistle (<i>Cirsium arvense</i>) in high- and low-diversity plant communities: potential for biotic resistance?. <i>Plant Biology</i> , 2004 , 6, 231-8	3.7	13
57	Plant-Soil Feedbacks and Temporal Dynamics of Plant Diversity-Productivity Relationships. <i>Trends in Ecology and Evolution</i> , 2021 , 36, 651-661	10.9	13
56	Application and Theory of Plant-Soil Feedbacks on Aboveground Herbivores. <i>Ecological Studies</i> , 2018 , 319-343	1.1	13
55	Persistence of plant-mediated microbial soil legacy effects in soil and inside roots. <i>Nature Communications</i> , 2021 , 12, 5686	17.4	13
54	Interactive effects of above- and belowground herbivory and plant competition on plant growth and defence. <i>Basic and Applied Ecology</i> , 2015 , 16, 500-509	3.2	12
53	Multi-trait mimicry of ants by a parasitoid wasp. <i>Scientific Reports</i> , 2015 , 5, 8043	4.9	12
52	Walnut development affects chemical composition and codling moth performance. <i>Agricultural and Forest Entomology</i> , 2001 , 3, 191-199	1.9	12
51	Taking plant-soil feedbacks to the field in a temperate grassland. <i>Basic and Applied Ecology</i> , 2019 , 40, 30-42	3.2	11
50	Soil heterogeneity and plant species diversity in experimental grassland communities: contrasting effects of soil nutrients and pH at different spatial scales. <i>Plant and Soil</i> , 2019 , 442, 497-509	4.2	11
49	Unpredictable responses of garden snail (<i>Helix aspersa</i>) populations to climate change. <i>Acta Oecologica</i> , 2001 , 22, 201-208	1.7	11
48	Density-dependency and plant-soil feedback: former plant abundance influences competitive interactions between two grassland plant species through plant-soil feedbacks. <i>Plant and Soil</i> , 2018 , 428, 441-452	4.2	10

47	Effects of plant diversity and structural complexity on parasitoid behaviour in a field experiment. <i>Ecological Entomology</i> , 2015 , 40, 748-758	2.1	10
46	The effects of CO ₂ and nutrient enrichment on photosynthesis and growth of <i>Poa annua</i> in two consecutive generations. <i>Ecological Research</i> , 2012 , 27, 873-882	1.9	10
45	Spatial heterogeneity in plant-soil feedbacks alters competitive interactions between two grassland plant species. <i>Functional Ecology</i> , 2018 , 32, 2085-2094	5.6	9
44	Plants as green phones: Novel insights into plant-mediated communication between below- and above-ground insects. <i>Plant Signaling and Behavior</i> , 2008 , 3, 519-20	2.5	9
43	Plant responses to variable timing of aboveground clipping and belowground herbivory depend on plant age. <i>Journal of Plant Ecology</i> , 2018 , 11, 696-708	1.7	9
42	Potential for synergy in soil inoculation for nature restoration by mixing inocula from different successional stages. <i>Plant and Soil</i> , 2018 , 433, 147-156	4.2	9
41	Home and Away Litter decomposition depends on the size fractions of the soil biotic community. <i>Soil Biology and Biochemistry</i> , 2020 , 144, 107783	7.5	8
40	Biochars produced from individual grassland species differ in their effect on plant growth. <i>Basic and Applied Ecology</i> , 2014 , 15, 18-25	3.2	8
39	After-life effects: living and dead invertebrates differentially affect plants and their associated above- and belowground multitrophic communities. <i>Oikos</i> , 2017 , 126, 888-899	4	8
38	Microbiomes of a specialist caterpillar are consistent across different habitats but also resemble the local soil microbial communities. <i>Animal Microbiome</i> , 2020 , 2, 37	4.1	7
37	Abiotic and Biotic Soil Legacy Effects of Plant Diversity on Plant Performance. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	7
36	Quantitative comparison between the rhizosphere effect of <i>Arabidopsis thaliana</i> and co-occurring plant species with a longer life history. <i>ISME Journal</i> , 2020 , 14, 2433-2448	11.9	7
35	Intraspecific variation in plant size, secondary plant compounds, herbivory and parasitoid assemblages during secondary succession. <i>Basic and Applied Ecology</i> , 2013 , 14, 337-346	3.2	7
34	Timing of simulated aboveground herbivory influences population dynamics of root-feeding nematodes. <i>Plant and Soil</i> , 2017 , 415, 215-228	4.2	7
33	Chemical Ecology of Insect Parasitoids in a Multitrophic Above- and Below-Ground Context 2013 , 64-85		7
32	Long-term effects of sowing high or low diverse seed mixtures on plant and gastropod diversity. <i>Acta Oecologica</i> , 2006 , 30, 173-181	1.7	7
31	The functional response of <i>Uscana lariophaga</i> under different egg distributions of its host <i>Callosobruchus maculatus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1996 , 81, 227-233	2.1	7
30	Carry-over effects of soil inoculation on plant growth and health under sequential exposure to soil-borne diseases. <i>Plant and Soil</i> , 2018 , 433, 257-270	4.2	7

29	Chemical Communication Between Roots and Shoots 2006 , 127-143		6
28	Separating effects of soil microorganisms and nematodes on plant community dynamics. <i>Plant and Soil</i> , 2019 , 441, 455-467	4.2	5
27	The relative importance of plant-soil feedbacks for plant-species performance increases with decreasing intensity of herbivory. <i>Oecologia</i> , 2019 , 190, 651-664	2.9	5
26	Convergent development of a parasitoid wasp on three host species with differing mass and growth potential. <i>Entomologia Experimentalis Et Applicata</i> , 2015 , 154, 15-22	2.1	5
25	Cultivar specific plant-soil feedback overrules soil legacy effects of elevated ozone in a rice-wheat rotation system. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 232, 85-92	5.7	4
24	Reciprocal interactions between native and introduced populations of common milkweed, <i>Asclepias syriaca</i> , and the specialist aphid, <i>Aphis nerii</i> . <i>Basic and Applied Ecology</i> , 2014 , 15, 444-452	3.2	4
23	Effects of sterilization and maturity of compost on soil bacterial and fungal communities and wheat growth. <i>Geoderma</i> , 2022 , 409, 115598	6.7	4
22	Above-belowground linkages of functionally dissimilar plant communities and soil properties in a grassland experiment. <i>Ecosphere</i> , 2020 , 11, e03246	3.1	4
21	Soil Inoculation Steers Plant-Soil Feedback, Suppressing Ruderal Plant Species. <i>Frontiers in Ecology and Evolution</i> , 2019 , 7,	3.7	4
20	How plant-soil feedbacks influence the next generation of plants. <i>Ecological Research</i> , 2021 , 36, 32-44	1.9	4
19	Globally, plant-soil feedbacks are weak predictors of plant abundance. <i>Ecology and Evolution</i> , 2021 , 11, 1756-1768	2.8	4
18	Soil inoculation alters the endosphere microbiome of chrysanthemum roots and leaves. <i>Plant and Soil</i> , 2020 , 455, 107-119	4.2	3
17	A matter of time: Recovery of plant species diversity in wild plant communities at declining nitrogen deposition. <i>Diversity and Distributions</i> , 2021 , 27, 1180-1193	5	3
16	Soil Inoculation Alters Leaf Metabolic Profiles in Genetically Identical Plants. <i>Journal of Chemical Ecology</i> , 2020 , 46, 745-755	2.7	2
15	A Device to Study the Behavioral Responses of Zooplankton to Food Quality and Quantity. <i>Journal of Insect Behavior</i> , 2013 , 26, 453-465	1.1	2
14	Travelling to a former sea floor: colonization of forests by understory plant species on land recently reclaimed from the sea. <i>Journal of Vegetation Science</i> , 2010 , 21, 167-176	3.1	2
13	Exogenous application of plant hormones in the field alters aboveground plant-insect responses and belowground nutrient availability, but does not lead to differences in plant-soil feedbacks. <i>Arthropod-Plant Interactions</i> , 2020 , 14, 559-570	2.2	2
12	Spatial patterns and ecological drivers of soil nematode diversity in natural grasslands vary among vegetation types and trophic position. <i>Journal of Animal Ecology</i> , 2021 , 90, 1367-1378	4.7	2

11	Novel chemicals engender myriad invasion mechanisms. <i>New Phytologist</i> , 2021 , 232, 1184-1200	9.8	2
10	Shading enhances plant species richness and diversity on an extensive green roof. <i>Urban Ecosystems</i> , 2020 , 23, 935-943	2.8	1
9	Synergistic and antagonistic effects of mixing monospecific soils on plant-soil feedbacks. <i>Plant and Soil</i> , 2018 , 429, 271-279	4.2	1
8	Foliar herbivory on plants creates soil legacy effects that impact future insect herbivore growth via changes in plant community biomass allocation. <i>Functional Ecology</i> ,	5.6	1
7	Microbial soil legacies of crops under different water and nitrogen levels determine succeeding crop performance. <i>Plant and Soil</i> ,1	4.2	1
6	Host location success of root-feeding nematodes in patches that differ in size and quality: A belowground release-recapture experiment. <i>Basic and Applied Ecology</i> , 2012 , 13, 221-231	3.2	0
5	Plant community legacy effects on nutrient cycling, fungal decomposer communities and decomposition in a temperate grassland. <i>Soil Biology and Biochemistry</i> , 2021 , 163, 108450	7.5	0
4	Belowground responses of bacterial communities to foliar SA application over four plant generations. <i>Plant and Soil</i> ,1	4.2	0
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2	AbovegroundBelowground interactions: the way forward. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 158-159	10.9	
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