Martijn Bezemer

List of Publications by Year in descending order

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194 papers	17,682 citations	20817 60 h-index	15266 126 g-index
199 all docs	199 docs citations	199 times ranked	15692 citing authors

#	Article	IF	Citations
1	Herbivory in global climate change research: direct effects of rising temperature on insect herbivores. Global Change Biology, 2002, 8, 1-16.	9.5	1,956
2	Plantâ€“soil feedbacks: the past, the present and future challenges. Journal of Ecology, 2013, 101, 265-276.	4.0	1,259
3	Biodiversity increases the resistance of ecosystem productivity to climate extremes. Nature, 2015, 526, 574-577.	27.8	1,032
4	Species divergence and trait convergence in experimental plant community assembly. Ecology Letters, 2005, 8, 1283-1290.	6.4	605
5	Temporal variation in plant-soil feedback controls succession. Ecology Letters, 2006, 9, 1080-1088.	6.4	550
6	Linking aboveground and belowground interactions via induced plant defenses. Trends in Ecology and Evolution, 2005, 20, 617-624.	8.7	504
7	Soil invertebrate fauna enhances grassland succession and diversity. Nature, 2003, 422, 711-713.	27.8	501
8	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.	8.8	457
9	Plant-Insect Herbivore Interactions in Elevated Atmospheric CO 2 : Quantitative Analyses and Guild Effects. Oikos, 1998, 82, 212.	2.7	384
10	Soil inoculation steers restoration of terrestrial ecosystems. Nature Plants, 2016, 2, 16107.	9.3	329
11	Plant species and functional group effects on abiotic and microbial soil properties and plant-soil feedback responses in two grasslands. Journal of Ecology, 2006, 94, 893-904.	4.0	311
12	Plantâ€“Soil Feedback: Bridging Natural and Agricultural Sciences. Trends in Ecology and Evolution, 2018, 33, 129-142.	8.7	249
13	Biochar application does not improve the soil hydrological function of a sandy soil. Geoderma, 2015, 251-252, 47-54.	5.1	240
14	Successful range-expanding plants experience less above-ground and below-ground enemy impact. Nature, 2008, 456, 946-948.	27.8	238
15	The way forward in biochar research: targeting tradeâ€offs between the potential wins. GCB Bioenergy, 2015, 7, 1-13.	5.6	228
16	Empirical and theoretical challenges in aboveground–belowground ecology. Oecologia, 2009, 161, 1-14.	2.0	223
17	Impacts of Rising Atmospheric Carbon Dioxide on Model Terrestrial Ecosystems. Science, 1998, 280, 441-443.	12.6	212
18	Root herbivore effects on above-ground herbivore, parasitoid and hyperparasitoid performance via changes in plant quality. Journal of Animal Ecology, 2005, 74, 1121-1130.	2.8	208

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19	Response of Native Insect Communities to Invasive Plants. Annual Review of Entomology, 2014, 59, 119-141.	11.8	208
20	Divergent composition but similar function of soil food webs of individual plants: plant species and community effects. Ecology, 2010, 91, 3027-3036.	3.2	204
21	Interactions between above- and belowground insect herbivores as mediated by the plant defense system. Oikos, 2003, 101, 555-562.	2.7	199
22	Soil community composition drives aboveground plant-herbivore-parasitoid interactions. Ecology Letters, 2005, 8, 652-661.	6.4	198
23	Steering Soil Microbiomes to Suppress Aboveground Insect Pests. Trends in Plant Science, 2017, 22, 770-778.	8.8	193
24	Intra- and interspecific plant-soil interactions, soil legacies and priority effects during old-field succession. Journal of Ecology, 2011, 99, 945-953.	4.0	185
25	International scientists formulate a roadmap for insect conservation and recovery. Nature Ecology and Evolution, 2020, 4, 174-176.	7.8	176
26	Root herbivores influence the behaviour of an aboveground parasitoid through changes in plant-volatile signals. Oikos, 2007, 116, 367-376.	2.7	157
27	Trophic interactions in a changing world. Basic and Applied Ecology, 2004, 5, 487-494.	2.7	151
28	Biochar application rate affects biological nitrogen fixation in red clover conditional on potassium availability. Agriculture, Ecosystems and Environment, 2014, 191, 83-91.	5.3	150
29	Interactions between aboveground and belowground induced responses against phytophages. Basic and Applied Ecology, 2003, 4, 63-77.	2.7	147
30	Long-term effects of elevated CO 2 and temperature on populations of the peach potato aphid Myzus persicae and its parasitoid Aphidius matricariae. Oecologia, 1998, 116, 128-135.	2.0	142
31	Foliar-feeding insects acquire microbiomes from the soil rather than the host plant. Nature Communications, 2019, 10, 1254.	12.8	135
32	Reduced plantâ€“soil feedback of plant species expanding their range as compared to natives. Journal of Ecology, 2007, 95, 1050-1057.	4.0	131
33	Legacy effects of aboveground–belowground interactions. Ecology Letters, 2012, 15, 813-821.	6.4	126
34	CLIMATE VS. SOIL FACTORS IN LOCAL ADAPTATION OF TWO COMMON PLANT SPECIES. Ecology, 2007, 88, 424-433.	3.2	125
35	Above- and Below-Ground Terpenoid Aldehyde Induction in Cotton, Gossypium herbaceum, Following Root and Leaf Injury. Journal of Chemical Ecology, 2004, 30, 53-67.	1.8	121
36	Getting the ecology into interactions between plants and the plant growth-promoting bacterium Pseudomonas fluorescens. Frontiers in Plant Science, 2013, 4, 81.	3.6	121

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37	Development of the solitary endoparasitoidMicroplitis demolitor: host quality does not increase with host age and size. Ecological Entomology, 2004, 29, 35-43.	2.2	117
38	Soil amendment with biochar increases the competitive ability of legumes via increased potassium availability. Agriculture, Ecosystems and Environment, 2014, 191, 92-98.	5.3	114
39	Impact of foliar herbivory on the development of a root-feeding insect and its parasitoid. Oecologia, 2007, 152, 257-264.	2.0	112
40	INTERPLAY BETWEENSENECIO JACOBAEAAND PLANT, SOIL, AND ABOVEGROUND INSECT COMMUNITY COMPOSITION. Ecology, 2006, 87, 2002-2013.	3.2	97
41	Persistence of plant-mediated microbial soil legacy effects in soil and inside roots. Nature Communications, 2021, 12, 5686.	12.8	96
42	Longâ€term effectiveness of sowing high and low diversity seed mixtures to enhance plant community development on exâ€arable fields. Applied Vegetation Science, 2007, 10, 97-110.	1.9	93
43	Root Herbivore Effects on Aboveground Multitrophic Interactions: Patterns, Processes and Mechanisms. Journal of Chemical Ecology, 2012, 38, 755-767.	1.8	90
44	Community composition, diversity and metabolic footprints of soil nematodes in differently-aged temperate forests. Soil Biology and Biochemistry, 2015, 80, 118-126.	8.8	90
45	Speciesâ€specific plantâ€“soil feedback effects on aboveâ€ground plantâ€“insect interactions. Journal of Ecology, 2015, 103, 904-914.	4.0	88
46	Successional trajectories of soil nematode and plant communities in a chronosequence of ex-arable lands. Biological Conservation, 2005, 126, 317-327.	4.1	86
47	Below-Ground Microbial Community Development in a High Temperature World. Oikos, 1999, 85, 193.	2.7	84
48	Diversity and stability in plant communities. Nature, 2007, 446, E6-E7.	27.8	81
49	Soil inoculation method determines the strength of plantâ€“soil interactions. Soil Biology and Biochemistry, 2012, 55, 1-6.	8.8	78
50	Aboveâ€and belowâ€ground herbivory effects on belowâ€ground plantâ€“fungus interactions and plantâ€“soil feedback responses. Journal of Ecology, 2013, 101, 325-333.	4.0	77
51	Changes in litter quality induced by N deposition alter soil microbial communities. Soil Biology and Biochemistry, 2019, 130, 33-42.	8.8	77
52	Plant community composition steers grassland vegetation via soil legacy effects. Ecology Letters, 2020, 23, 973-982.	6.4	76
53	Plantâ€“soil interactions in the expansion and native range of a poleward shifting plant species. Global Change Biology, 2010, 16, 380-385.	9.5	75
54	Plantâ€“Soil Feedbacks and Temporal Dynamics of Plant Diversityâ€“Productivity Relationships. Trends in Ecology and Evolution, 2021, 36, 651-661.	8.7	74

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55	Root herbivory induces an above-ground indirect defence. Ecology Letters, 2003, 6, 9-12.	6.4	73
56	Impact of elevated carbon dioxide on the rhizosphere communities of Carex arenaria and Festuca rubra. Global Change Biology, 2007, 13, 2396-2410.	9.5	73
57	The importance of plantâ€“soil interactions, soil nutrients, and plant life history traits for the temporal dynamics of Jacobaea vulgaris in a chronosequence of oldâ€fields. Oikos, 2012, 121, 1251-1262.	2.7	69
58	Clutch size decisions of a gregarious parasitoid under laboratory and field conditions. Animal Behaviour, 2003, 66, 1119-1128.	1.9	68
59	Effects of Soil Organisms on Aboveground Plant-Insect Interactions in the Field: Patterns, Mechanisms and the Role of Methodology. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	67
60	Conditioning the soil microbiome through plantâ€“soil feedbacks suppresses an aboveground insect pest. New Phytologist, 2020, 226, 595-608.	7.3	67
61	Effects of changes in plant species richness and community traits on carabid assemblages and feeding guilds. Agriculture, Ecosystems and Environment, 2008, 127, 100-106.	5.3	62
62	How General are Aphid Responses to Elevated Atmospheric Co2?. Annals of the Entomological Society of America, 1999, 92, 724-730.	2.5	61
63	Restoration of species-rich grasslands on ex-arable land: Seed addition outweighs soil fertility reduction. Biological Conservation, 2008, 141, 2208-2217.	4.1	61
64	Time after Time: Temporal Variation in the Effects of Grass and Forb Species on Soil Bacterial and Fungal Communities. MBio, 2019, 10, .	4.1	60
65	Single introductions of soil biota and plants generate longâ€term legacies in soil and plant community assembly. Ecology Letters, 2019, 22, 1145-1151.	6.4	59
66	Legacies at work: plantâ€“soilâ€“microbiome interactions underpinning agricultural sustainability. Trends in Plant Science, 2022, 27, 781-792.	8.8	59
67	Community patterns of soil bacteria and nematodes in relation to geographic distance. Soil Biology and Biochemistry, 2012, 45, 1-7.	8.8	56
68	Influence of adult nutrition on the relationship between body size and reproductive parameters in a parasitoid wasp. Ecological Entomology, 2005, 30, 571-580.	2.2	54
69	Development of an Insect Herbivore and its Pupal Parasitoid Reflect Differences in Direct Plant Defense. Journal of Chemical Ecology, 2007, 33, 1556-1569.	1.8	54
70	Influences of space, soil, nematodes and plants on microbial community composition of chalk grassland soils. Environmental Microbiology, 2010, 12, 2096-2106.	3.8	54
71	Plant community composition but not plant traits determine the outcome of soil legacy effects on plants and insects. Journal of Ecology, 2018, 106, 1217-1229.	4.0	54
72	Recovery of plant species richness during long-term fertilization of a species-rich grassland. Ecology, 2011, 92, 1393-1398.	3.2	53

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73	Soil Organism and Plant Introductions in Restoration of Speciesâ€Rich Grassland Communities. Restoration Ecology, 2009, 17, 258-269.	2.9	52
74	Plant competition alters the temporal dynamics of plantâ€soil feedbacks. Journal of Ecology, 2018, 106, 2287-2300.	4.0	52
75	Soil biochar amendment in a nature restoration area: effects on plant productivity and community composition. Ecological Applications, 2014, 24, 1167-1177.	3.8	50
76	Plantâ€“soil feedback of native and range-expanding plant species is insensitive to temperature. Oecologia, 2010, 162, 1059-1069.	2.0	47
77	Influence of presence and spatial arrangement of belowground insects on hostâ€plant selection of aboveground insects: a field study. Ecological Entomology, 2009, 34, 339-345.	2.2	45
78	Removal of soil biota alters soil feedback effects on plant growth and defense chemistry. New Phytologist, 2019, 221, 1478-1491.	7.3	45
79	Contrasting diversity patterns of soil mites and nematodes in secondary succession. Acta Oecologica, 2009, 35, 603-609.	1.1	44
80	Effects of the Timing of Herbivory on Plant Defense Induction and Insect Performance in Ribwort Plantain (Plantago lanceolata L.) Depend on Plant Mycorrhizal Status. Journal of Chemical Ecology, 2015, 41, 1006-1017.	1.8	42
81	Potential effects of earthworms on leaf-chewer performance. Functional Ecology, 2004, 18, 746-751.	3.6	41
82	Plantâ€“soil feedback effects on plant quality and performance of an aboveground herbivore interact with fertilisation. Oikos, 2015, 124, 658-667.	2.7	40
83	The effect of elevated atmospheric carbon dioxide levels on soil bacterial communities. Global Change Biology, 2000, 6, 427-434.	9.5	38
84	Plantâ€“Soil Feedback Effects on Growth, Defense and Susceptibility to a Soil-Borne Disease in a Cut Flower Crop: Species and Functional Group Effects. Frontiers in Plant Science, 2017, 8, 2127.	3.6	38
85	FORUM: Sustaining ecosystem functions in a changing world: a call for an integrated approach. Journal of Applied Ecology, 2013, 50, 1124-1130.	4.0	37
86	Opposing effects of nitrogen and water addition on soil bacterial and fungal communities in the Inner Mongolia steppe: A field experiment. Applied Soil Ecology, 2016, 108, 128-135.	4.3	37
87	Poa annua shows interâ€generational differences in response to elevated CO 2. Global Change Biology, 1998, 4, 687-691.	9.5	36
88	Host Density Responses of Mastrus ridibundus, a Parasitoid of the Codling Moth, Cydia pomonella. Biological Control, 2001, 22, 169-175.	3.0	36
89	Global change alters the stability of food webs. Global Change Biology, 2005, 11, 490-501.	9.5	36
90	Long-term effectiveness of sowing high and low diversity seed mixtures to enhance plant community development on ex-arable fields. Applied Vegetation Science, 2007, 10, 97.	1.9	36

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91	Foraging efficiency of a parasitoid of a leaf herbivore is influenced by root herbivory on neighbouring plants. Functional Ecology, 2007, 21, 969-974.	3.6	36
92	Behaviour of male and female parasitoids in the field: influence of patch size, host density, and habitat complexity. Ecological Entomology, 2010, 35, 341-351.	2.2	36
93	Effects of spatial plantâ€“soil feedback heterogeneity on plant performance in monocultures. Journal of Ecology, 2016, 104, 364-376.	4.0	36
94	Homeâ€field advantages of litter decomposition increase with increasing N deposition rates: a litter and soil perspective. Functional Ecology, 2017, 31, 1792-1801.	3.6	36
95	Species-specific plantâ€“soil feedbacks alter herbivore-induced gene expression and defense chemistry in Plantago lanceolata. Oecologia, 2018, 188, 801-811.	2.0	36
96	Structure and ecological function of the soil microbiome affecting plantâ€“soil feedbacks in the presence of a soilâ€borne pathogen. Environmental Microbiology, 2020, 22, 660-676.	3.8	36
97	Do parasitized caterpillars protect their parasitoids from hyperparasitoids? A test of the â€˜usurpation hypothesisâ€™. Animal Behaviour, 2008, 76, 701-708.	1.9	35
98	Plant community evenness responds to spatial plantâ€“soil feedback heterogeneity primarily through the diversity of soil conditioning. Functional Ecology, 2018, 32, 509-521.	3.6	35
99	Soil and Freshwater and Marine Sediment Food Webs: Their Structure and Function. BioScience, 2013, 63, 35-42.	4.9	34
100	Temporal carryâ€over effects in sequential plantâ€“soil feedbacks. Oikos, 2018, 127, 220-229.	2.7	33
101	Effects of host deprivation and egg expenditure on the reproductive capacity of Mastrus ridibundus, an introduced parasitoid for the biological control of codling moth in California. Biological Control, 2005, 33, 96-106.	3.0	32
102	Comparing the physiological effects and function of larval feeding in closelyâ€related endoparasitoids (Braconidae: Microgastrinae). Physiological Entomology, 2008, 33, 217-225.	1.5	32
103	Interactions to the fifth trophic level: secondary and tertiary parasitoid wasps show extraordinary efficiency in utilizing host resources. Journal of Animal Ecology, 2009, 78, 686-692.	2.8	32
104	Sequential effects of root and foliar herbivory on aboveground and belowground induced plant defense responses and insect performance. Oecologia, 2014, 175, 187-198.	2.0	32
105	Complementarity and selection effects in early and midâ€successional plant communities are differentially affected by plantâ€“soil feedback. Journal of Ecology, 2015, 103, 641-647.	4.0	32
106	Can the negative plantâ€“soil feedback of Jacobaea vulgaris be explained by autotoxicity?. Basic and Applied Ecology, 2012, 13, 533-541.	2.7	31
107	How does global change affect the strength of trophic interactions?. Basic and Applied Ecology, 2004, 5, 505-514.	2.7	30
108	Combined effects of patch size and plant nutritional quality on local densities of insect herbivores. Basic and Applied Ecology, 2010, 11, 396-405.	2.7	30

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109	The Good, the Bad and the Plenty: Interactive Effects of Food Quality and Quantity on the Growth of Different Daphnia Species. PLoS ONE, 2012, 7, e42966.	2.5	29
110	Disentangling aboveâ€•and belowground neighbor effects on the growth, chemistry, and arthropod community on a focal plant. Ecology, 2015, 96, 164-175.	3.2	29
111	Legacy effects of elevated ozone on soil biota and plant growth. Soil Biology and Biochemistry, 2015, 91, 50-57.	8.8	29
112	Transient negative biochar effects on plant growth are strongest after microbial species loss. Soil Biology and Biochemistry, 2017, 115, 442-451.	8.8	29
113	Remarkable similarity in body mass of a secondary hyperparasitoidLysibia nana and its primary parasitoid hostCotesia glomerata emerging from cocoons of comparable size. Archives of Insect Biochemistry and Physiology, 2006, 61, 170-183.	1.5	28
114	Comparing arbuscular mycorrhizal communities of individual plants in a grassland biodiversity experiment. New Phytologist, 2010, 186, 746-754.	7.3	28
115	Quantitative comparison between the rhizosphere effect of Arabidopsis thaliana and co-occurring plant species with a longer life history. ISME Journal, 2020, 14, 2433-2448.	9.8	27
116	Soil heterogeneity and plant species diversity in experimental grassland communities: contrasting effects of soil nutrients and pH at different spatial scales. Plant and Soil, 2019, 442, 497-509.	3.7	26
117	Steering root microbiomes of a commercial horticultural crop with plant-soil feedbacks. Applied Soil Ecology, 2020, 150, 103468.	4.3	26
118	Aboveâ€ground plant metabolomic responses to plantâ€“soil feedbacks and herbivory. Journal of Ecology, 2020, 108, 1703-1712.	4.0	26
119	Long-term fertilization management affects the C utilization from crop residues by the soil micro-food web. Plant and Soil, 2018, 429, 335-348.	3.7	25
120	Plant traits shape soil legacy effects on individual plantâ€“insect interactions. Oikos, 2020, 129, 261-273.	2.7	25
121	Interspecific competition of early successional plant species in ex-arable fields as influenced by plantâ€“soil feedback. Basic and Applied Ecology, 2015, 16, 112-119.	2.7	24
122	Spatial heterogeneity in plantâ€“soil feedbacks alters competitive interactions between two grassland plant species. Functional Ecology, 2018, 32, 2085-2094.	3.6	24
123	Biodiversityâ€ecosystem functioning relationships in a longâ€term nonâ€weeded field experiment. Ecology, 2018, 99, 1836-1846.	3.2	24
124	Lifeâ€history traits in closely related secondary parasitoids sharing the same primary parasitoid host: evolutionary opportunities and constraints. Entomologia Experimentalis Et Applicata, 2009, 132, 155-164.	1.4	23
125	Plant diversity and identity effects on predatory nematodes and their prey. Ecology and Evolution, 2015, 5, 836-847.	1.9	23
126	Effects of Root Herbivory on Pyrrolizidine Alkaloid Content and Aboveground Plant-Herbivore-Parasitoid Interactions in Jacobaea Vulgaris. Journal of Chemical Ecology, 2013, 39, 109-119.	1.8	22

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127	Initial biochar effects on plant productivity derive from N fertilization. Plant and Soil, 2017, 415, 435-448.	3.7	22
128	Effects of plant diversity on the concentration of secondary plant metabolites and the density of arthropods on focal plants in the field. Journal of Ecology, 2017, 105, 647-660.	4.0	22
129	Intraspecific aggregation and soil heterogeneity: competitive interactions of two clonal plants with contrasting spatial architecture. Plant and Soil, 2018, 425, 231-240.	3.7	22
130	Effects of sterilization and maturity of compost on soil bacterial and fungal communities and wheat growth. Geoderma, 2022, 409, 115598.	5.1	22
131	Effects of diversity and identity of the neighbouring plant community on the abundance of arthropods on individual ragwort (Jacobaea vulgaris) plants. Entomologia Experimentalis Et Applicata, 2012, 144, 27-36.	1.4	20
132	Density-dependency and plant-soil feedback: former plant abundance influences competitive interactions between two grassland plant species through plant-soil feedbacks. Plant and Soil, 2018, 428, 441-452.	3.7	20
133	Intrinsic competition between two secondary hyperparasitoids results in temporal trophic switch. Oikos, 2011, 120, 226-233.	2.7	19
134	Local variation in conspecific plant density influences plantâ€“soil feedback in a natural grassland. Basic and Applied Ecology, 2013, 14, 506-514.	2.7	19
135	Globally, plantâ€soil feedbacks are weak predictors of plant abundance. Ecology and Evolution, 2021, 11, 1756-1768.	1.9	19
136	Effects of carbon dioxide and nitrogen fertilization on phenolic content in Poa annua L.. Biochemical Systematics and Ecology, 2000, 28, 839-846.	1.3	18
137	Impacts of belowground herbivory on oviposition decisions in two congeneric butterfly species. Entomologia Experimentalis Et Applicata, 2010, 136, 191-198.	1.4	18
138	Arbuscular mycorrhizal colonization, plant chemistry, and aboveground herbivory on Senecio jacobaea. Acta Oecologica, 2012, 38, 8-16.	1.1	18
139	Application and Theory of Plantâ€“Soil Feedbacks on Aboveground Herbivores. Ecological Studies, 2018, , 319-343.	1.2	18
140	Novel chemicals engender myriad invasion mechanisms. New Phytologist, 2021, 232, 1184-1200.	7.3	18
141	Small-scale spatial resource partitioning in a hyperparasitoid community. Arthropod-Plant Interactions, 2014, 8, 393-401.	1.1	17
142	Multi-trait mimicry of ants by a parasitoid wasp. Scientific Reports, 2015, 5, 8043.	3.3	17
143	Drivers of bacterial beta diversity in two temperate forests. Ecological Research, 2016, 31, 57-64.	1.5	17
144	Taking plantâ€“soil feedbacks to the field in a temperate grassland. Basic and Applied Ecology, 2019, 40, 30-42.	2.7	17

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145	Microbiomes of a specialist caterpillar are consistent across different habitats but also resemble the local soil microbial communities. Animal Microbiome, 2020, 2, 37.	3.8	17
146	Abiotic and Biotic Soil Legacy Effects of Plant Diversity on Plant Performance. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	17
147	â€˜Homeâ€™ and â€˜awayâ€™ litter decomposition depends on the size fractions of the soil biotic community. Soil Biology and Biochemistry, 2020, 144, 107783.	8.8	17
148	Potential for synergy in soil inoculation for nature restoration by mixing inocula from different successional stages. Plant and Soil, 2018, 433, 147-156.	3.7	16
149	Separating effects of soil microorganisms and nematodes on plant community dynamics. Plant and Soil, 2019, 441, 455-467.	3.7	16
150	The relative importance of plant-soil feedbacks for plant-species performance increases with decreasing intensity of herbivory. Oecologia, 2019, 190, 651-664.	2.0	16
151	A matter of time: Recovery of plant species diversity in wild plant communities at declining nitrogen deposition. Diversity and Distributions, 2021, 27, 1180-1193.	4.1	16
152	Walnut development affects chemical composition and codling moth performance. Agricultural and Forest Entomology, 2001, 3, 191-199.	1.3	15
153	Contrasting patterns of herbivore and predator pressure on invasive and native plants. Basic and Applied Ecology, 2012, 13, 725-734.	2.7	15
154	Aboveâ€•and Belowground Trophic Interactions on Creeping Thistle (Cirsium arvense) in Highâ€•and Lowâ€Ðiversity Plant Communities: Potential for Biotic Resistance?. Plant Biology, 2004, 6, 231-238.	3.8	14
155	Effects of plant diversity and structural complexity on parasitoid behaviour in a field experiment. Ecological Entomology, 2015, 40, 748-758.	2.2	14
156	Unpredictable responses of garden snail (Helix aspersa) populations toÂclimate change. Acta Oecologica, 2001, 22, 201-208.	1.1	13
157	Interactive effects of above- and belowground herbivory and plant competition on plant growth and defence. Basic and Applied Ecology, 2015, 16, 500-509.	2.7	13
158	Soil Inoculation Steers Plant-Soil Feedback, Suppressing Ruderal Plant Species. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	13
159	Microbial soil legacies of crops under different water and nitrogen levels determine succeeding crop performance. Plant and Soil, 2023, 485, 167-180.	3.7	13
160	Plant responses to variable timing of aboveground clipping and belowground herbivory depend on plant age. Journal of Plant Ecology, 2018, 11, 696-708.	2.3	12
161	How plantâ€“soil feedbacks influence the next generation of plants. Ecological Research, 2021, 36, 32-44.	1.5	12
162	Plants as green phone. Plant Signaling and Behavior, 2008, 3, 519-520.	2.4	11

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163	The effects of CO₂ and nutrient enrichment on photosynthesis and growth of Poa annua in two consecutive generations. Ecological Research, 2012, 27, 873-882.	1.5	11
164	Afterâ€life effects: living and dead invertebrates differentially affect plants and their associated aboveâ€• and belowground multitrophic communities. Oikos, 2017, 126, 888-899.	2.7	11
165	Carry-over effects of soil inoculation on plant growth and health under sequential exposure to soil-borne diseases. Plant and Soil, 2018, 433, 257-270.	3.7	11
166	The functional response of Uscana lariophaga under different egg distributions of its host Callosobruchus maculatus. Entomologia Experimentalis Et Applicata, 1996, 81, 227-233.	1.4	10
167	Shading enhances plant species richness and diversity on an extensive green roof. Urban Ecosystems, 2020, 23, 935-943.	2.4	9
168	Spatial patterns and ecological drivers of soil nematode Î²â€diversity in natural grasslands vary among vegetation types and trophic position. Journal of Animal Ecology, 2021, 90, 1367-1378.	2.8	9
169	Intraspecific variation in plant size, secondary plant compounds, herbivory and parasitoid assemblages during secondary succession. Basic and Applied Ecology, 2013, 14, 337-346.	2.7	8
170	Biochars produced from individual grassland species differ in their effect on plant growth. Basic and Applied Ecology, 2014, 15, 18-25.	2.7	8
171	Timing of simulated aboveground herbivory influences population dynamics of root-feeding nematodes. Plant and Soil, 2017, 415, 215-228.	3.7	8
172	Long-term effects ofÂsowing high orÂlow diverse seed mixtures onÂplant andÂgastropod diversity. Acta Oecologica, 2006, 30, 173-181.	1.1	7
173	Cultivar specific plant-soil feedback overrules soil legacy effects of elevated ozone in a rice-wheat rotation system. Agriculture, Ecosystems and Environment, 2016, 232, 85-92.	5.3	7
174	Aboveâ€belowground linkages of functionally dissimilar plant communities and soil properties in a grassland experiment. Ecosphere, 2020, 11, e03246.	2.2	7
175	Plant community legacy effects on nutrient cycling, fungal decomposer communities and decomposition in a temperate grassland. Soil Biology and Biochemistry, 2021, 163, 108450.	8.8	7
176	Light condition experienced by parent plants influences the response of offspring to light via both parental effects and soil legacy effects. Functional Ecology, 2022, 36, 2434-2444.	3.6	7
177	Reciprocal interactions between native and introduced populations of common milkweed, Asclepias syriaca, and the specialist aphid, Aphis nerii. Basic and Applied Ecology, 2014, 15, 444-452.	2.7	6
178	Convergent development of a parasitoid wasp on three host species with differing mass and growth potential. Entomologia Experimentalis Et Applicata, 2015, 154, 15-22.	1.4	6
179	Soil Inoculation Alters Leaf Metabolic Profiles in Genetically Identical Plants. Journal of Chemical Ecology, 2020, 46, 745-755.	1.8	6
180	Exogenous application of plant defense hormones alters the effects of live soils on plant performance. Basic and Applied Ecology, 2021, 56, 144-155.	2.7	6

#	Article	IF	Citations
181	Temporal changes in plantâ€“soil feedback effects on microbial networks, leaf metabolomics and plantâ€“insect interactions. Journal of Ecology, 2022, 110, 1328-1343.	4.0	5
182	Synergistic and antagonistic effects of mixing monospecific soils on plant-soil feedbacks. Plant and Soil, 2018, 429, 271-279.	3.7	4
183	Soil inoculation alters the endosphere microbiome of chrysanthemum roots and leaves. Plant and Soil, 2020, 455, 107-119.	3.7	4
184	Foliar herbivory on plants creates soil legacy effects that impact future insect herbivore growth via changes in plant community biomass allocation. Functional Ecology, 2022, 36, 1047-1062.	3.6	3
185	The negative effects of soil microorganisms on plant growth only extend to the first weeks. Journal of Plant Ecology, 2022, 15, 854-863.	2.3	3
186	Plant-litter-soil feedbacks in common grass species are slightly negative and only marginally modified by litter exposed to insect herbivory. Plant and Soil, 2023, 485, 227-244.	3.7	3
187	Travelling to a former sea floor: colonization of forests by understorey plant species on land recently reclaimed from the sea. Journal of Vegetation Science, 2010, 21, 167-176.	2.2	2
188	A Device to Study the Behavioral Responses of Zooplankton to Food Quality and Quantity. Journal of Insect Behavior, 2013, 26, 453-465.	0.7	2
189	Exogenous application of plant hormones in the field alters aboveground plantâ€“insect responses and belowground nutrient availability, but does not lead to differences in plantâ€“soil feedbacks. Arthropod-Plant Interactions, 2020, 14, 559-570.	1.1	2
190	Belowground responses of bacterial communities to foliar SA application over four plant generations. Plant and Soil, 2022, 470, 65-79.	3.7	2
191	Host location success of root-feeding nematodes in patches that differ in size and quality: A belowground release-recapture experiment. Basic and Applied Ecology, 2012, 13, 221-231.	2.7	1
192	Associational resistance to nematodes and its effects on interspecific interactions among grassland plants. Plant and Soil, 2022, 471, 591-607.	3.7	1
193	Aboveground–belowground interactions: the way forward. Trends in Ecology and Evolution, 2011, 26, 158-159.	8.7	0
194	Editorial: The Next Step: Disentangling the Role of Plant-Soil Feedbacks in Plant Performance and Species Coexistence Under Natural Conditions. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	0