James D Bever

List of Publications by Year
in descending order

158 papers	19,461 citations	18887 64 h-index	13635 134 g-index
160 all docs	160 docs citations	160 times ranked	13351 citing authors

#	Article	IF	Citations
1	Plantâ€"soil feedbacks: the past, the present and future challenges. Journal of Ecology, 2013, 101, 265-276.	1.9	1,259
2	Negative plantâ€"soil feedback predicts tree-species relative abundance in a tropical forest. Nature, 2010, 466, 752-755.	13.7	942
3	Incorporating the Soil Community into Plant Population Dynamics: The Utility of the Feedback Approach. Journal of Ecology, 1997, 85, 561.	1.9	929
4	A metaâ€analysis of contextâ€dependency in plant response to inoculation with mycorrhizal fungi. Ecology Letters, 2010, 13, 394-407.	3.0	889
5	Soil community feedback and the coexistence of competitors: conceptual frameworks and empirical tests. New Phytologist, 2003, 157, 465-473.	3.5	718
6	Rooting theories of plant community ecology in microbial interactions. Trends in Ecology and Evolution, 2010, 25, 468-478.	4.2	666
7	Biotic interactions and plant invasions. Ecology Letters, 2006, 9, 726-740.	3.0	649
8	Feeback between Plants and Their Soil Communities in an Old Field Community. Ecology, 1994, 75, 1965-1977.	1.5	606
9	GRASSROOTS ECOLOGY: PLANTâ€"MICROBEâ€"SOIL INTERACTIONS AS DRIVERS OF PLANT COMMUNITY STRUCTURE AND DYNAMICS. Ecology, 2003, 84, 2281-2291.	1.5	601
10	Host-Dependent Sporulation and Species Diversity of Arbuscular Mycorrhizal Fungi in a Mown Grassland. Journal of Ecology, 1996, 84, 71.	1.9	472
11	Microbial Population and Community Dynamics on Plant Roots and Their Feedbacks on Plant Communities. Annual Review of Microbiology, 2012, 66, 265-283.	2.9	429
12	Preferential allocation to beneficial symbiont with spatial structure maintains mycorrhizal mutualism. Ecology Letters, 2009, 12, 13-21.	3.0	407
13	Mycorrhizal Symbioses and Plant Invasions. Annual Review of Ecology, Evolution, and Systematics, 2009, 40, 699-715.	3.8	388
14	Coevolution of symbiotic mutualists and parasites in a community context. Trends in Ecology and Evolution, 2007, 22, 120-126.	4.2	345
15	Conspecific Negative Density Dependence and Forest Diversity. Science, 2012, 336, 904-907.	6.0	345
16	Negative feedback within a mutualism: hostâ€"specific growth of mycorrhizal fungi reduces plant benefit. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2595-2601.	1.2	341
17	Mycorrhizal fungal identity and richness determine the diversity and productivity of a tallgrass prairie system. New Phytologist, 2006, 172, 554-562.	3.5	325
18	Maintenance of Plant Species Diversity by Pathogens. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 305-325.	3.8	320

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19	Arbuscular Mycorrhizal Fungi: More Diverse than Meets the Eye, and the Ecological Tale of Why. BioScience, 2001, 51, 923.	2.2	308
20	A conceptual framework for the evolution of ecological specialisation. Ecology Letters, 2011, 14, 841-851.	3.0	267
21	Mycorrhizal densities decline in association with nonnative plants and contribute to plant invasion. Ecology, 2009, 90, 399-407.	1.5	240
22	MAINTENANCE OF DIVERSITY WITHIN PLANT COMMUNITIES: SOIL PATHOGENS AS AGENTS OF NEGATIVE FEEDBACK. Ecology, 1998, 79, 1595-1601.	1.5	230
23	DIRECT AND INTERACTIVE EFFECTS OF ENEMIES AND MUTUALISTS ON PLANT PERFORMANCE: A META-ANALYSIS. Ecology, 2007, 88, 1021-1029.	1.5	208
24	Relative importance of competition and plantâ€“soil feedback, their synergy, context dependency and implications for coexistence. Ecology Letters, 2018, 21, 1268-1281.	3.0	197
25	When and where plantâ€soil feedback may promote plant coexistence: a metaâ€analysis. Ecology Letters, 2019, 22, 1274-1284.	3.0	195
26	Arbuscular mycorrhizal fungi do not enhance nitrogen acquisition and growth of oldâ€field perennials under low nitrogen supply in glasshouse culture. New Phytologist, 2005, 167, 869-880.	3.5	188
27	LOCAL ADAPTATION IN THE LINUM MARGINALE?MELAMPSORA LINI HOST-PATHOGEN INTERACTION. Evolution; International Journal of Organic Evolution, 2002, 56, 1340-1351.	1.1	181
28	Dominant mycorrhizal association of trees alters carbon and nutrient cycling by selecting for microbial groups with distinct enzyme function. New Phytologist, 2017, 214, 432-442.	3.5	173
29	Host-specificity of AM fungal population growth rates can generate feedback on plant growth. Plant and Soil, 2002, 244, 281-290.	1.8	169
30	MYCORRHIZAL SPECIES DIFFERENTIALLY ALTER PLANT GROWTH AND RESPONSE TO HERBIVORY. Ecology, 2007, 88, 210-218.	1.5	166
31	Threeâ€Way Interactions among Mutualistic Mycorrhizal Fungi, Plants, and Plant Enemies: Hypotheses and Synthesis. American Naturalist, 2006, 167, 141-152.	1.0	157
32	Evidence for the evolution of reduced mycorrhizal dependence during plant invasion. Ecology, 2009, 90, 1055-1062.	1.5	152
33	The missing link in grassland restoration: arbuscular mycorrhizal fungi inoculation increases plant diversity and accelerates succession. Journal of Applied Ecology, 2017, 54, 1301-1309.	1.9	152
34	Forces that structure plant communities: quantifying the importance of the mycorrhizal symbiosis. New Phytologist, 2011, 189, 366-370.	3.5	149
35	Inoculation with a Native Soil Community Advances Succession in a Grassland Restoration. Restoration Ecology, 2012, 20, 218-226.	1.4	148
36	Home-field advantage? evidence of local adaptation among plants, soil, and arbuscular mycorrhizal fungi through meta-analysis. BMC Evolutionary Biology, 2016, 16, 122.	3.2	148

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37	Synergism and context dependency of interactions between arbuscular mycorrhizal fungi and rhizobia with a prairie legume. Ecology, 2014, 95, 1045-1054.	1.5	144
38	The interactive effects of plant microbial symbionts: a review and meta-analysis. Symbiosis, 2010, 51, 139-148.	1.2	137
39	Kin competition and the evolution of cooperation. Trends in Ecology and Evolution, 2009, 24, 370-377.	4.2	133
40	Preferential allocation, physioâ€•evolutionary feedbacks, and the stability and environmental patterns of mutualism between plants and their root symbionts. New Phytologist, 2015, 205, 1503-1514.	3.5	129
41	Divergent phenologies may facilitate the coexistence of arbuscular mycorrhizal fungi in a North Carolina grassland. American Journal of Botany, 2002, 89, 1439-1446.	0.8	126
42	Arbuscular mycorrhizal fungal species suppress inducible plant responses and alter defensive strategies following herbivory. Oecologia, 2009, 160, 771-779.	0.9	115
43	Mycorrhizal status of the genus Carex (Cyperaceae). American Journal of Botany, 1999, 86, 547-553.	0.8	114
44	Evidence of a mycorrhizal mechanism for the adaptation of Andropogon gerardii (Poaceae) to highâ€• and lowâ€•nutrient prairies. American Journal of Botany, 2001, 88, 1650-1656.	0.8	110
45	The Plant Microbiome and Native Plant Restoration: The Example of Native Mycorrhizal Fungi. BioScience, 2018, 68, 996-1006.	2.2	107
46	Plantâ€•soil feedbacks as drivers of succession: evidence from remnant and restored tallgrass prairies. Ecosphere, 2015, 6, 1-12.	1.0	106
47	Mycorrhizal response trades off with plant growth rate and increases with plant successional status. Ecology, 2015, 96, 1768-1774.	1.5	105
48	Discovery, measurement, and interpretation of diversity in arbuscular endomycorrhizal fungi (Glomales, Zygomycetes). Canadian Journal of Botany, 1995, 73, 25-32.	1.2	103
49	Sexual Transmission of Disease and Host Mating Systems: Within-Season Reproductive Success. American Naturalist, 1997, 149, 485-506.	1.0	101
50	Biogeography of arbuscular mycorrhizal fungi (Glomeromycota): a phylogenetic perspective on species distribution patterns. Mycorrhiza, 2018, 28, 587-603.	1.3	100
51	Plant preferential allocation and fungal reward decline with soil phosphorus: implications for mycorrhizal mutualism. Ecosphere, 2016, 7, e01256.	1.0	94
52	Distribution of arbuscular mycorrhizal fungi in stands of the wetland grass Panicum hemitomon along a wide hydrologic gradient. Oecologia, 1999, 119, 586-592.	0.9	92
53	Specificity between Neotropical tree seedlings and their fungal mutualists leads to plantâ€“soil feedback. Ecology, 2010, 91, 2594-2603.	1.5	92
54	Soil aggregate stability increase is strongly related to fungal community succession along an abandoned agricultural field chronosequence in the <scp>B</scp>olivian <scp>A</scp>ltiplano. Journal of Applied Ecology, 2013, 50, 1266-1273.	1.9	90

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55	MycoDB, a global database of plant response to mycorrhizal fungi. Scientific Data, 2016, 3, 160028.	2.4	90
56	Locally adapted arbuscular mycorrhizal fungi improve vigor and resistance to herbivory of native prairie plant species. Ecosphere, 2015, 6, 1-16.	1.0	88
57	Trade-offs between arbuscular mycorrhizal fungal competitive ability and host growth promotion in Plantago lanceolata. Oecologia, 2009, 160, 807-816.	0.9	87
58	Shading decreases plant carbon preferential allocation towards the most beneficial mycorrhizal mutualist. New Phytologist, 2015, 205, 361-368.	3.5	86
59	REDUCED DROUGHT TOLERANCE DURING DOMESTICATION AND THE EVOLUTION OF WEEDINESS RESULTS FROM TOLERANCE-GROWTH TRADE-OFFS. Evolution; International Journal of Organic Evolution, 2012, 66, 3803-3814.	1.1	80
60	Microbial phylotype composition and diversity predicts plant productivity and plantâ€"soil feedbacks. Ecology Letters, 2013, 16, 167-174.	3.0	79
61	Mycorrhizal fungi influence global plant biogeography. Nature Ecology and Evolution, 2019, 3, 424-429.	3.4	74
62	The Effect of Restoration Methods on the Quality of the Restoration and Resistance to Invasion by Exotics. Restoration Ecology, 2010, 18, 181-187.	1.4	72
63	Mycorrhizal feedbacks generate positive frequency dependence accelerating grassland succession. Journal of Ecology, 2019, 107, 622-632.	1.9	71
64	From Lilliput to Brobdingnag: Extending Models of Mycorrhizal Function across Scales. BioScience, 2006, 56, 889.	2.2	70
65	Evolutionary history of plant hosts and fungal symbionts predicts the strength of mycorrhizal mutualism. Communications Biology, 2018, 1, 116.	2.0	70
66	Consequences of simultaneous interactions of fungal endophytes and arbuscular mycorrhizal fungi with a shared host grass. Oikos, 2012, 121, 2090-2096.	1.2	67
67	Frequency-dependent feedback constrains plant community coexistence. Nature Ecology and Evolution, 2018, 2, 1403-1407.	3.4	66
68	Coexistence under positive frequency dependence. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 273-277.	1.2	63
69	Nitrogen-fixing bacteria, arbuscular mycorrhizal fungi, and the productivity and structure of prairie grassland communities. Oecologia, 2012, 170, 1089-1098.	0.9	63
70	Plant-soil feedback contributes to intercropping overyielding by reducing the negative effect of take-all on wheat and compensating the growth of faba bean. Plant and Soil, 2017, 415, 1-12.	1.8	63
71	MECHANISMS OF PLANT SPECIES COEXISTENCE: ROLES OF RHIZOSPHERE BACTERIA AND ROOT FUNGAL PATHOGENS. Ecology, 2001, 82, 3285-3294.	1.5	62
72	A novel theory to explain species diversity in landscapes: positive frequency dependence and habitat suitability. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2389-2393.	1.2	59

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73	Variable responses of old-field perennials to arbuscular mycorrhizal fungi and phosphorus source. Oecologia, 2006, 147, 348-358.	0.9	58
74	Evolution of nitrogen fixation in spatially structured populations of Rhizobium. Heredity, 2000, 85, 366-372.	1.2	57
75	A cooperative virulence plasmid imposes a high fitness cost under conditions that induce pathogenesis. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1691-1699.	1.2	56
76	<scp>AMF</scp>, phylogeny, and succession: specificity of response to mycorrhizal fungi increases for lateâ€successional plants. Ecosphere, 2016, 7, e01555.	1.0	56
77	Mitigating climate change through managing constructed-microbial communities in agriculture. Agriculture, Ecosystems and Environment, 2016, 216, 304-308.	2.5	56
78	Soil microbiome mediates positive plant diversityâ€productivity relationships in late successional grassland species. Ecology Letters, 2019, 22, 1221-1232.	3.0	54
79	Arbuscular mycorrhizal fungi: Hyphal fusion and multigenomic structure. Nature, 2005, 433, E3-E4.	13.7	53
80	Coexistence and relative abundance in plant communities are determined by feedbacks when the scale of feedback and dispersal is local. Journal of Ecology, 2014, 102, 1195-1201.	1.9	53
81	Heritable variation and mechanisms of inheritance of spore shape within a population of Scutellospora pellucida , an arbuscular mycorrhizal fungus. American Journal of Botany, 1999, 86, 1209-1216.	0.8	51
82	NEGATIVE FREQUENCY DEPENDENCE AND THE IMPORTANCE OF SPATIAL SCALE. Ecology, 2002, 83, 21-27.	1.5	51
83	Negative plantâ€phyllosphere feedbacks in native Asteraceae hosts â€" a novel extension of the plantâ€soil feedback framework. Ecology Letters, 2017, 20, 1064-1073.	3.0	50
84	Soil microbial legacy drives crop diversity advantage: Linking ecological plantâ€"soil feedback with agricultural intercropping. Journal of Applied Ecology, 2021, 58, 496-506.	1.9	50
85	Analogous effects of arbuscular mycorrhizal fungi in the laboratory and a North Carolina field. New Phytologist, 2008, 180, 162-175.	3.5	49
86	Partner diversity and identity impacts on plant productivity in <i>Acacia</i>â€"rhizobial interactions. Journal of Ecology, 2015, 103, 130-142.	1.9	49
87	Nonâ€native plants and soil microbes: potential contributors to the consistent reduction in soil aggregate stability caused by the disturbance of North American grasslands. New Phytologist, 2012, 196, 212-222.	3.5	48
88	Rhizobial mediation of <i>Acacia</i> adaptation to soil salinity: evidence of underlying tradeâ€offs and tests of expected patterns. Journal of Ecology, 2008, 96, 746-755.	1.9	47
89	Sensitivity to <scp>AMF</scp> species is greater in lateâ€successional than earlyâ€successional native or nonnative grassland plants. Ecology, 2019, 100, e02855.	1.5	47
90	Disturbance reduces the differentiation of mycorrhizal fungal communities in grasslands along a precipitation gradient. Ecological Applications, 2018, 28, 736-748.	1.8	45

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91	Ecology of Floristic Quality Assessment: testing for correlations between coefficients of conservatism, species traits and mycorrhizal responsiveness. AoB PLANTS, 2018, 10, plx073.	1.2	42
92	The Coexistence of Hosts with Different Abilities to Discriminate against Cheater Partners: An Evolutionary Game-Theory Approach. American Naturalist, 2014, 183, 762-770.	1.0	40
93	Ecological dynamics and complex interactions of Agrobacterium megaplasmids. Frontiers in Plant Science, 2014, 5, 635.	1.7	36
94	Evolutionary change in agriculture: the past, present and future. Evolutionary Applications, 2010, 3, 405-408.	1.5	34
95	Effect of permafrost thaw on plant and soil fungal community in a boreal forest: Does fungal community change mediate plant productivity response?. Journal of Ecology, 2019, 107, 1737-1752.	1.9	34
96	Taxonomy of Acaulospora gerdemannii and Glomus leptotichum, synanamorphs of an arbuscular mycorrhizal fungus in Glomales. Mycological Research, 1997, 101, 625-631.	2.5	32
97	A New Kind of Ecology?. BioScience, 2004, 54, 440.	2.2	32
98	Spatial Heterogeneity in Soil Microbes Alters Outcomes of Plant Competition. PLoS ONE, 2015, 10, e0125788.	1.1	32
99	Phylogenetically Structured Differences in rRNA Gene Sequence Variation among Species of Arbuscular Mycorrhizal Fungi and Their Implications for Sequence Clustering. Applied and Environmental Microbiology, 2016, 82, 4921-4930.	1.4	31
100	Non-additive costs and interactions alter the competitive dynamics of co-occurring ecologically distinct plasmids. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132173.	1.2	30
101	Spatial soil heterogeneity has a greater effect on symbiotic arbuscular mycorrhizal fungal communities and plant growth than genetic modification with <i><scp>B</scp>acillus thuringiensis</i> toxin genes. Molecular Ecology, 2015, 24, 2580-2593.	2.0	30
102	Plant-soil feedbacks promote coexistence and resilience in multi-species communities. PLoS ONE, 2019, 14, e0211572.	1.1	28
103	Spatio-temporal community dynamics induced by frequency dependent interactions. Ecological Modelling, 2006, 197, 133-147.	1.2	27
104	Perennial, but not annual legumes synergistically benefit from infection with arbuscular mycorrhizal fungi and rhizobia: a metaâ€analysis. New Phytologist, 2022, 233, 505-514.	3.5	27
105	Mycorrhizal composition can predict foliar pathogen colonization in soybean. Biological Control, 2016, 103, 46-53.	1.4	26
106	Root pathogen diversity and composition varies with climate in undisturbed grasslands, but less so in anthropogenically disturbed grasslands. ISME Journal, 2021, 15, 304-317.	4.4	26
107	Local adaptation of mycorrhizae communities changes plant community composition and increases aboveground productivity. Oecologia, 2020, 192, 735-744.	0.9	25
108	RESOURCE AND COMPETITIVE DYNAMICS SHAPE THE BENEFITS OF PUBLIC GOODS COOPERATION IN A PLANT PATHOGEN. Evolution; International Journal of Organic Evolution, 2012, 66, 1953-1965.	1.1	24

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109	Pathogens and Mutualists as Joint Drivers of Host Species Coexistence and Turnover: Implications for Plant Competition and Succession. American Naturalist, 2020, 195, 591-602.	1.0	23
110	Evolutionary dynamics of rhizopine within spatially structured rhizobium populations. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1713-1719.	1.2	22
111	Effect of Bacillus thuringiensis (Bt) maize cultivation history on arbuscular mycorrhizal fungal colonization, spore abundance and diversity, and plant growth. Agriculture, Ecosystems and Environment, 2014, 195, 29-35.	2.5	22
112	Crop diversification can contribute to disease risk control in sustainable biofuels production. Frontiers in Ecology and the Environment, 2015, 13, 561-567.	1.9	22
113	Microbiome influence on host community dynamics: Conceptual integration of microbiome feedback with classical hostâ€"microbe theory. Ecology Letters, 2021, 24, 2796-2811.	3.0	22
114	Manipulating plant microbiomes in the field: Native mycorrhizae advance plant succession and improve native plant restoration. Journal of Applied Ecology, 2022, 59, 1976-1985.	1.9	21
115	Host-specificity of AM fungal population growth rates can generate feedback on plant growth. , 2002, , 281-290.		21
116	Utility of large subunit for environmental sequencing of arbuscular mycorrhizal fungi: a new reference database and pipeline. New Phytologist, 2021, 229, 3048-3052.	3.5	20
117	Acaulospora colossica sp. nov. from an Old Field in North Carolina and Morphological Comparisons with Similar Species, A. laevis and A. koskei. Mycologia, 1999, 91, 676.	0.8	19
118	Host discrimination in modular mutualisms: a theoretical framework for meta-populations of mutualists and exploiters. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152428.	1.2	19
119	Acaulospora colossica sp. nov. from an old field in North Carolina and morphological comparisons with similar species, A. laevis and A. koskei. Mycologia, 1999, 91, 676-683.	0.8	18
120	Evolutionary history shapes patterns of mutualistic benefit in Acacia â€"rhizobial interactions. Evolution; International Journal of Organic Evolution, 2016, 70, 1473-1485.	1.1	18
121	A nucleation framework for transition between alternate states: shortâ€circuiting barriers to ecosystem recovery. Ecology, 2020, 101, e03099.	1.5	18
122	Mycorrhizal composition influences plant anatomical defense and impacts herbivore growth and survival in a life-stage dependent manner. Pedobiologia, 2018, 66, 29-35.	0.5	17
123	Climate Affects Plant-Soil Feedback of Native and Invasive Grasses: Negative Feedbacks in Stable but Not in Variable Environments. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	17
124	Native plant abundance, diversity, and richness increases in prairie restoration with field inoculation density of native mycorrhizal amendments. Restoration Ecology, 2020, 28, S373.	1.4	17
125	Carbon allocation and competition maintain variation in plant root mutualisms. Ecology and Evolution, 2018, 8, 5792-5800.	0.8	16
126	Community context for mechanisms of disease dilution: insights from linking epidemiology and plantâ€"soil feedback theory. Annals of the New York Academy of Sciences, 2020, 1469, 65-85.	1.8	16

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127	Environmental identification of arbuscular mycorrhizal fungi using the LSU rDNA gene region: an expanded database and improved pipeline. Mycorrhiza, 2022, 32, 145-153.	1.3	16
128	In-depth Phylogenomic Analysis of Arbuscular Mycorrhizal Fungi Based on a Comprehensive Set of de novo Genome Assemblies. Frontiers in Fungal Biology, 2021, 2, .	0.9	15
129	Adaptation of Liquidambar styraciflua to coal tailings is mediated by arbuscular mycorrhizal fungi. Applied Soil Ecology, 2011, 48, 251-255.	2.1	14
130	Asymmetric facilitation induced by inoculation with arbuscular mycorrhizal fungi leads to overyielding in maize/faba bean intercropping. Journal of Plant Interactions, 2019, 14, 10-20.	1.0	14
131	Advancing Synthetic Ecology: A Database System to Facilitate Complex Ecological Meta-Analyses. Bulletin of the Ecological Society of America, 2010, 91, 235-243.	0.2	13
132	Biochar soil amendments in prairie restorations do not interfere with benefits from inoculation with native arbuscular mycorrhizal fungi. Restoration Ecology, 2020, 28, 785-795.	1.4	13
133	Are two strategies better than one? Manipulation of seed density and soil community in an experimental prairie restoration. Restoration Ecology, 2019, 27, 1021-1031.	1.4	12
134	Mycorrhizal types influence island biogeography of plants. Communications Biology, 2021, 4, 1128.	2.0	12
135	Microbial mediators of plant community response to longâ€term N and P fertilization: Evidence of a role of plant responsiveness to mycorrhizal fungi. Global Change Biology, 2022, 28, 2721-2735.	4.2	12
136	Connections and Feedback: Aquatic, Plant, and Soil Microbiomes in Heterogeneous and Changing Environments. BioScience, 2020, 70, 548-562.	2.2	11
137	Sowing density effects and patterns of colonization in a prairie restoration. Restoration Ecology, 2018, 26, 245-254.	1.4	10
138	Plant-soil feedback as a driver of spatial structure in ecosystems. Physics of Life Reviews, 2022, 40, 6-14.	1.5	10
139	Genomic Organization and Mechanisms of Inheritance in Arbuscular Mycorrhizal Fungi: Contrasting the Evidence and Implications of Current Theories. , 2008, , 135-148.		9
140	Joint Evolution of Kin Recognition and Cooperation in Spatially Structured Rhizobium Populations. PLoS ONE, 2014, 9, e95141.	1.1	9
141	Benefits of Native Mycorrhizal Amendments to Perennial Agroecosystems Increases with Field Inoculation Density. Agronomy, 2019, 9, 353.	1.3	9
142	Symbionts as Filters of Plant Colonization of Islands: Tests of Expected Patterns and Environmental Consequences in the Galapagos. Plants, 2020, 9, 74.	1.6	9
143	Dynamics within the Plant â€" Arbuscular Mycorrhizal Fungal Mutualism: Testing the Nature of Community Feedback. Ecological Studies, 2003, , 267-292.	0.4	8
144	Beyond the black box: promoting mathematical collaborations for elucidating interactions in soil ecology. Ecosphere, 2019, 10, e02799.	1.0	8

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145	Abiotic and biotic context dependency of perennial crop yield. PLoS ONE, 2020, 15, e0234546.	1.1	7
146	Celebrating INVAM: 35Âyears of the largest living culture collection of arbuscular mycorrhizal fungi. Mycorrhiza, 2021, 31, 117-126.	1.3	7
147	Adaptation of plantâ€mycorrhizal interactions to moisture availability in prairie restoration. Restoration Ecology, 2021, 29, .	1.4	7
148	MECHANISMS OF PLANT SPECIES COEXISTENCE: ROLES OF RHIZOSPHERE BACTERIA AND ROOT FUNGAL PATHOGENS. , 2001, 82, 3285.		7
149	Native mycorrhizal fungi improve milkweed growth, latex, and establishment while some commercial fungi may inhibit them. Ecosphere, 2022, 13, .	1.0	7
150	<I>Glomus candidum</I>, a new species of arbuscular mycorrhizal fungi from North American grassland. Mycotaxon, 2010, 113, 101-109.	0.1	6
151	Response to Comment on â€œConspecific Negative Density Dependence and Forest Diversityâ€. Science, 2012, 338, 469-469.	6.0	5
152	Dispersal and spatial heterogeneity allow coexistence between enemies and protective mutualists. Ecology and Evolution, 2014, 4, 3841-3850.	0.8	4
153	Effects of the soil microbiome on the demography of two annual prairie plants. Ecology and Evolution, 2020, 10, 6208-6222.	0.8	2
154	Can Nucleation Bridge to Desirable Alternative Stable States? Theory and Applications. Bulletin of the Ecological Society of America, 2022, 103, e01953.	0.2	2
155	Preferential Allocation of Benefits and Resource Competition among Recipients Allows Coexistence of Symbionts within Hosts. American Naturalist, 2022, 199, 468-479.	1.0	1
156	Evidence for the evolution of native plant response to mycorrhizal fungi in postâ€agricultural grasslands. Ecology and Evolution, 2022, 12, .	0.8	1
157	Evidence of Adaptation of Little Bluestem to the Local Environment of Central Kansas. Transactions of the Kansas Academy of Science, 2021, 124, .	0.0	0
158	Enriched CO2 and Root-Associated Fungi (Mycorrhizae) Yield Inverse Effects on Plant Mass and Root Morphology in Six Asclepias Species. Plants, 2021, 10, 2474.	1.6	0