

# James D Bever

## List of Publications by Year in descending order

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158  
papers

19,461  
citations

15504

65  
h-index

11939

134  
g-index

160  
all docs

160  
docs citations

160  
times ranked

11905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plantâ€‘soil feedbacks: the past, the present and future challenges. <i>Journal of Ecology</i> , 2013, 101, 265-276.	4.0	1,259
2	Negative plantâ€‘soil feedback predicts tree-species relative abundance in a tropical forest. <i>Nature</i> , 2010, 466, 752-755.	27.8	942
3	Incorporating the Soil Community into Plant Population Dynamics: The Utility of the Feedback Approach. <i>Journal of Ecology</i> , 1997, 85, 561.	4.0	929
4	A metaâ€‘analysis of contextâ€‘dependency in plant response to inoculation with mycorrhizal fungi. <i>Ecology Letters</i> , 2010, 13, 394-407.	6.4	889
5	Soil community feedback and the coexistence of competitors: conceptual frameworks and empirical tests. <i>New Phytologist</i> , 2003, 157, 465-473.	7.3	718
6	Rooting theories of plant community ecology in microbial interactions. <i>Trends in Ecology and Evolution</i> , 2010, 25, 468-478.	8.7	666
7	Biotic interactions and plant invasions. <i>Ecology Letters</i> , 2006, 9, 726-740.	6.4	649
8	Feedback between Plants and Their Soil Communities in an Old Field Community. <i>Ecology</i> , 1994, 75, 1965-1977.	3.2	606
9	GRASSROOTS ECOLOGY: PLANTâ€‘MICROBEâ€‘SOIL INTERACTIONS AS DRIVERS OF PLANT COMMUNITY STRUCTURE AND DYNAMICS. <i>Ecology</i> , 2003, 84, 2281-2291.	3.2	601
10	Host-Dependent Sporulation and Species Diversity of Arbuscular Mycorrhizal Fungi in a Mown Grassland. <i>Journal of Ecology</i> , 1996, 84, 71.	4.0	472
11	Microbial Population and Community Dynamics on Plant Roots and Their Feedbacks on Plant Communities. <i>Annual Review of Microbiology</i> , 2012, 66, 265-283.	7.3	429
12	Preferential allocation to beneficial symbiont with spatial structure maintains mycorrhizal mutualism. <i>Ecology Letters</i> , 2009, 12, 13-21.	6.4	407
13	Mycorrhizal Symbioses and Plant Invasions. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2009, 40, 699-715.	8.3	388
14	Coevolution of symbiotic mutualists and parasites in a community context. <i>Trends in Ecology and Evolution</i> , 2007, 22, 120-126.	8.7	345
15	Conspecific Negative Density Dependence and Forest Diversity. <i>Science</i> , 2012, 336, 904-907.	12.6	345
16	Negative feedback within a mutualism: hostâ€‘specific growth of mycorrhizal fungi reduces plant benefit. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2595-2601.	2.6	341
17	Mycorrhizal fungal identity and richness determine the diversity and productivity of a tallgrass prairie system. <i>New Phytologist</i> , 2006, 172, 554-562.	7.3	325
18	Maintenance of Plant Species Diversity by Pathogens. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 305-325.	8.3	320

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19	Arbuscular Mycorrhizal Fungi: More Diverse than Meets the Eye, and the Ecological Tale of Why. <i>BioScience</i> , 2001, 51, 923.	4.9	308
20	A conceptual framework for the evolution of ecological specialisation. <i>Ecology Letters</i> , 2011, 14, 841-851.	6.4	267
21	Mycorrhizal densities decline in association with nonnative plants and contribute to plant invasion. <i>Ecology</i> , 2009, 90, 399-407.	3.2	240
22	MAINTENANCE OF DIVERSITY WITHIN PLANT COMMUNITIES: SOIL PATHOGENS AS AGENTS OF NEGATIVE FEEDBACK. <i>Ecology</i> , 1998, 79, 1595-1601.	3.2	230
23	DIRECT AND INTERACTIVE EFFECTS OF ENEMIES AND MUTUALISTS ON PLANT PERFORMANCE: A META-ANALYSIS. <i>Ecology</i> , 2007, 88, 1021-1029.	3.2	208
24	Relative importance of competition and plant-soil feedback, their synergy, context dependency and implications for coexistence. <i>Ecology Letters</i> , 2018, 21, 1268-1281.	6.4	197
25	When and where plant-soil feedback may promote plant coexistence: a meta-analysis. <i>Ecology Letters</i> , 2019, 22, 1274-1284.	6.4	195
26	Arbuscular mycorrhizal fungi do not enhance nitrogen acquisition and growth of old-field perennials under low nitrogen supply in glasshouse culture. <i>New Phytologist</i> , 2005, 167, 869-880.	7.3	188
27	LOCAL ADAPTATION IN THE LINUM MARGINALE-MELAMPSORA LINI HOST-PATHOGEN INTERACTION. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1340-1351.	2.3	181
28	Dominant mycorrhizal association of trees alters carbon and nutrient cycling by selecting for microbial groups with distinct enzyme function. <i>New Phytologist</i> , 2017, 214, 432-442.	7.3	173
29	Host-specificity of AM fungal population growth rates can generate feedback on plant growth. <i>Plant and Soil</i> , 2002, 244, 281-290.	3.7	169
30	MYCORRHIZAL SPECIES DIFFERENTIALLY ALTER PLANT GROWTH AND RESPONSE TO HERBIVORY. <i>Ecology</i> , 2007, 88, 210-218.	3.2	166
31	Three-Way Interactions among Mutualistic Mycorrhizal Fungi, Plants, and Plant Enemies: Hypotheses and Synthesis. <i>American Naturalist</i> , 2006, 167, 141-152.	2.1	157
32	Evidence for the evolution of reduced mycorrhizal dependence during plant invasion. <i>Ecology</i> , 2009, 90, 1055-1062.	3.2	152
33	The missing link in grassland restoration: arbuscular mycorrhizal fungi inoculation increases plant diversity and accelerates succession. <i>Journal of Applied Ecology</i> , 2017, 54, 1301-1309.	4.0	152
34	Forces that structure plant communities: quantifying the importance of the mycorrhizal symbiosis. <i>New Phytologist</i> , 2011, 189, 366-370.	7.3	149
35	Inoculation with a Native Soil Community Advances Succession in a Grassland Restoration. <i>Restoration Ecology</i> , 2012, 20, 218-226.	2.9	148
36	Home-field advantage? evidence of local adaptation among plants, soil, and arbuscular mycorrhizal fungi through meta-analysis. <i>BMC Evolutionary Biology</i> , 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. <i>Ecology</i> , 2014, 95, 1045-1054.	3.2	144
38	The interactive effects of plant microbial symbionts: a review and meta-analysis. <i>Symbiosis</i> , 2010, 51, 139-148.	2.3	137
39	Kin competition and the evolution of cooperation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 370-377.	8.7	133
40	Preferential allocation, physiological evolutionary feedbacks, and the stability and environmental patterns of mutualism between plants and their root symbionts. <i>New Phytologist</i> , 2015, 205, 1503-1514.	7.3	129
41	Divergent phenologies may facilitate the coexistence of arbuscular mycorrhizal fungi in a North Carolina grassland. <i>American Journal of Botany</i> , 2002, 89, 1439-1446.	1.7	126
42	Arbuscular mycorrhizal fungal species suppress inducible plant responses and alter defensive strategies following herbivory. <i>Oecologia</i> , 2009, 160, 771-779.	2.0	115
43	Mycorrhizal status of the genus <i>Carex</i> (Cyperaceae). <i>American Journal of Botany</i> , 1999, 86, 547-553.	1.7	114
44	Evidence of a mycorrhizal mechanism for the adaptation of <i>Andropogon gerardii</i> (Poaceae) to high- and low-nutrient prairies. <i>American Journal of Botany</i> , 2001, 88, 1650-1656.	1.7	110
45	The Plant Microbiome and Native Plant Restoration: The Example of Native Mycorrhizal Fungi. <i>BioScience</i> , 2018, 68, 996-1006.	4.9	107
46	Plant-soil feedbacks as drivers of succession: evidence from remnant and restored tallgrass prairies. <i>Ecosphere</i> , 2015, 6, 1-12.	2.2	106
47	Mycorrhizal response trades off with plant growth rate and increases with plant successional status. <i>Ecology</i> , 2015, 96, 1768-1774.	3.2	105
48	Discovery, measurement, and interpretation of diversity in arbuscular endomycorrhizal fungi (Glomales, Zygomycetes). <i>Canadian Journal of Botany</i> , 1995, 73, 25-32.	1.1	103
49	Sexual Transmission of Disease and Host Mating Systems: Within-Season Reproductive Success. <i>American Naturalist</i> , 1997, 149, 485-506.	2.1	101
50	Biogeography of arbuscular mycorrhizal fungi (Glomeromycota): a phylogenetic perspective on species distribution patterns. <i>Mycorrhiza</i> , 2018, 28, 587-603.	2.8	100
51	Plant preferential allocation and fungal reward decline with soil phosphorus: implications for mycorrhizal mutualism. <i>Ecosphere</i> , 2016, 7, e01256.	2.2	94
52	Distribution of arbuscular mycorrhizal fungi in stands of the wetland grass <i>Panicum hemitomon</i> along a wide hydrologic gradient. <i>Oecologia</i> , 1999, 119, 586-592.	2.0	92
53	Specificity between Neotropical tree seedlings and their fungal mutualists leads to plant-soil feedback. <i>Ecology</i> , 2010, 91, 2594-2603.	3.2	92
54	Soil aggregate stability increase is strongly related to fungal community succession along an abandoned agricultural field chronosequence in the Bolivian Llanos. <i>Journal of Applied Ecology</i> , 2013, 50, 1266-1273.	4.0	90

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55	MycoDB, a global database of plant response to mycorrhizal fungi. <i>Scientific Data</i> , 2016, 3, 160028.	5.3	90
56	Locally adapted arbuscular mycorrhizal fungi improve vigor and resistance to herbivory of native prairie plant species. <i>Ecosphere</i> , 2015, 6, 1-16.	2.2	88
57	Trade-offs between arbuscular mycorrhizal fungal competitive ability and host growth promotion in <i>Plantago lanceolata</i> . <i>Oecologia</i> , 2009, 160, 807-816.	2.0	87
58	Shading decreases plant carbon preferential allocation towards the most beneficial mycorrhizal mutualist. <i>New Phytologist</i> , 2015, 205, 361-368.	7.3	86
59	REDUCED DROUGHT TOLERANCE DURING DOMESTICATION AND THE EVOLUTION OF WEEDINESS RESULTS FROM TOLERANCE-GROWTH TRADE-OFFS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3803-3814.	2.3	80
60	Microbial phylotype composition and diversity predicts plant productivity and plantâ€“soil feedbacks. <i>Ecology Letters</i> , 2013, 16, 167-174.	6.4	79
61	Mycorrhizal fungi influence global plant biogeography. <i>Nature Ecology and Evolution</i> , 2019, 3, 424-429.	7.8	74
62	The Effect of Restoration Methods on the Quality of the Restoration and Resistance to Invasion by Exotics. <i>Restoration Ecology</i> , 2010, 18, 181-187.	2.9	72
63	Mycorrhizal feedbacks generate positive frequency dependence accelerating grassland succession. <i>Journal of Ecology</i> , 2019, 107, 622-632.	4.0	71
64	From Lilliput to Brobdingnag: Extending Models of Mycorrhizal Function across Scales. <i>BioScience</i> , 2006, 56, 889.	4.9	70
65	Evolutionary history of plant hosts and fungal symbionts predicts the strength of mycorrhizal mutualism. <i>Communications Biology</i> , 2018, 1, 116.	4.4	70
66	Consequences of simultaneous interactions of fungal endophytes and arbuscular mycorrhizal fungi with a shared host grass. <i>Oikos</i> , 2012, 121, 2090-2096.	2.7	67
67	Frequency-dependent feedback constrains plant community coexistence. <i>Nature Ecology and Evolution</i> , 2018, 2, 1403-1407.	7.8	66
68	Coexistence under positive frequency dependence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 273-277.	2.6	63
69	Nitrogen-fixing bacteria, arbuscular mycorrhizal fungi, and the productivity and structure of prairie grassland communities. <i>Oecologia</i> , 2012, 170, 1089-1098.	2.0	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. <i>Plant and Soil</i> , 2017, 415, 1-12.	3.7	63
71	MECHANISMS OF PLANT SPECIES COEXISTENCE: ROLES OF RHIZOSPHERE BACTERIA AND ROOT FUNGAL PATHOGENS. <i>Ecology</i> , 2001, 82, 3285-3294.	3.2	62
72	A novel theory to explain species diversity in landscapes: positive frequency dependence and habitat suitability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2389-2393.	2.6	59

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73	Variable responses of old-field perennials to arbuscular mycorrhizal fungi and phosphorus source. <i>Oecologia</i> , 2006, 147, 348-358.	2.0	58
74	Evolution of nitrogen fixation in spatially structured populations of <i>Rhizobium</i> . <i>Heredity</i> , 2000, 85, 366-372.	2.6	57
75	A cooperative virulence plasmid imposes a high fitness cost under conditions that induce pathogenesis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1691-1699.	2.6	56
76	<scp>AMF</scp>, phylogeny, and succession: specificity of response to mycorrhizal fungi increases for lateâ€successional plants. <i>Ecosphere</i> , 2016, 7, e01555.	2.2	56
77	Mitigating climate change through managing constructed-microbial communities in agriculture. <i>Agriculture, Ecosystems and Environment</i> , 2016, 216, 304-308.	5.3	56
78	Soil microbiome mediates positive plant diversityâ€productivity relationships in late successional grassland species. <i>Ecology Letters</i> , 2019, 22, 1221-1232.	6.4	54
79	Arbuscular mycorrhizal fungi: Hyphal fusion and multigenomic structure. <i>Nature</i> , 2005, 433, E3-E4.	27.8	53
80	Coexistence and relative abundance in plant communities are determined by feedbacks when the scale of feedback and dispersal is local. <i>Journal of Ecology</i> , 2014, 102, 1195-1201.	4.0	53
81	Heritable variation and mechanisms of inheritance of spore shape within a population of <i>Scutellospora pellucida</i> , an arbuscular mycorrhizal fungus. <i>American Journal of Botany</i> , 1999, 86, 1209-1216.	1.7	51
82	NEGATIVE FREQUENCY DEPENDENCE AND THE IMPORTANCE OF SPATIAL SCALE. <i>Ecology</i> , 2002, 83, 21-27.	3.2	51
83	Negative plantâ€phylosphere feedbacks in native <i>Asteraceae</i> hosts â€ a novel extension of the plantâ€soil feedback framework. <i>Ecology Letters</i> , 2017, 20, 1064-1073.	6.4	50
84	Soil microbial legacy drives crop diversity advantage: Linking ecological plantâ€soil feedback with agricultural intercropping. <i>Journal of Applied Ecology</i> , 2021, 58, 496-506.	4.0	50
85	Analogous effects of arbuscular mycorrhizal fungi in the laboratory and a North Carolina field. <i>New Phytologist</i> , 2008, 180, 162-175.	7.3	49
86	Partner diversity and identity impacts on plant productivity in <i>Acacia</i>â€rhizobial interactions. <i>Journal of Ecology</i> , 2015, 103, 130-142.	4.0	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. <i>New Phytologist</i> , 2012, 196, 212-222.	7.3	48
88	Rhizobial mediation of <i>Acacia</i> adaptation to soil salinity: evidence of underlying tradeâ€offs and tests of expected patterns. <i>Journal of Ecology</i> , 2008, 96, 746-755.	4.0	47
89	Sensitivity to <scp>AMF</scp> species is greater in lateâ€successional than earlyâ€successional native or nonnative grassland plants. <i>Ecology</i> , 2019, 100, e02855.	3.2	47
90	Disturbance reduces the differentiation of mycorrhizal fungal communities in grasslands along a precipitation gradient. <i>Ecological Applications</i> , 2018, 28, 736-748.	3.8	45

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91	Ecology of Floristic Quality Assessment: testing for correlations between coefficients of conservatism, species traits and mycorrhizal responsiveness. <i>AoB PLANTS</i> , 2018, 10, plx073.	2.3	42
92	The Coexistence of Hosts with Different Abilities to Discriminate against Cheater Partners: An Evolutionary Game-Theory Approach. <i>American Naturalist</i> , 2014, 183, 762-770.	2.1	40
93	Ecological dynamics and complex interactions of <i>Agrobacterium</i> megaplasmids. <i>Frontiers in Plant Science</i> , 2014, 5, 635.	3.6	36
94	Evolutionary change in agriculture: the past, present and future. <i>Evolutionary Applications</i> , 2010, 3, 405-408.	3.1	34
95	Effect of permafrost thaw on plant and soil fungal community in a boreal forest: Does fungal community change mediate plant productivity response?. <i>Journal of Ecology</i> , 2019, 107, 1737-1752.	4.0	34
96	Taxonomy of <i>Acaulospora gerdemannii</i> and <i>Glomus leptotichum</i> , synanamorphs of an arbuscular mycorrhizal fungus in Glomales. <i>Mycological Research</i> , 1997, 101, 625-631.	2.5	32
97	A New Kind of Ecology?. <i>BioScience</i> , 2004, 54, 440.	4.9	32
98	Spatial Heterogeneity in Soil Microbes Alters Outcomes of Plant Competition. <i>PLoS ONE</i> , 2015, 10, e0125788.	2.5	32
99	Phylogenetically Structured Differences in rRNA Gene Sequence Variation among Species of Arbuscular Mycorrhizal Fungi and Their Implications for Sequence Clustering. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4921-4930.	3.1	31
100	Non-additive costs and interactions alter the competitive dynamics of co-occurring ecologically distinct plasmids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132173.	2.6	30
101	Spatial soil heterogeneity has a greater effect on symbiotic arbuscular mycorrhizal fungal communities and plant growth than genetic modification with <i>acillus thuringiensis</i> toxin genes. <i>Molecular Ecology</i> , 2015, 24, 2580-2593.	3.9	30
102	Plant-soil feedbacks promote coexistence and resilience in multi-species communities. <i>PLoS ONE</i> , 2019, 14, e0211572.	2.5	28
103	Spatio-temporal community dynamics induced by frequency dependent interactions. <i>Ecological Modelling</i> , 2006, 197, 133-147.	2.5	27
104	Perennial, but not annual legumes synergistically benefit from infection with arbuscular mycorrhizal fungi and rhizobia: a meta-analysis. <i>New Phytologist</i> , 2022, 233, 505-514.	7.3	27
105	Mycorrhizal composition can predict foliar pathogen colonization in soybean. <i>Biological Control</i> , 2016, 103, 46-53.	3.0	26
106	Root pathogen diversity and composition varies with climate in undisturbed grasslands, but less so in anthropogenically disturbed grasslands. <i>ISME Journal</i> , 2021, 15, 304-317.	9.8	26
107	Local adaptation of mycorrhizae communities changes plant community composition and increases aboveground productivity. <i>Oecologia</i> , 2020, 192, 735-744.	2.0	25
108	RESOURCE AND COMPETITIVE DYNAMICS SHAPE THE BENEFITS OF PUBLIC GOODS COOPERATION IN A PLANT PATHOGEN. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1953-1965.	2.3	24



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109	Pathogens and Mutualists as Joint Drivers of Host Species Coexistence and Turnover: Implications for Plant Competition and Succession. <i>American Naturalist</i> , 2020, 195, 591-602.	2.1	23
110	Evolutionary dynamics of rhizopine within spatially structured rhizobium populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1713-1719.	2.6	22
111	Effect of <i>Bacillus thuringiensis</i> (Bt) maize cultivation history on arbuscular mycorrhizal fungal colonization, spore abundance and diversity, and plant growth. <i>Agriculture, Ecosystems and Environment</i> , 2014, 195, 29-35.	5.3	22
112	Crop diversification can contribute to disease risk control in sustainable biofuels production. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 561-567.	4.0	22
113	Microbiome influence on host community dynamics: Conceptual integration of microbiome feedback with classical host-microbe theory. <i>Ecology Letters</i> , 2021, 24, 2796-2811.	6.4	22
114	Manipulating plant microbiomes in the field: Native mycorrhizae advance plant succession and improve native plant restoration. <i>Journal of Applied Ecology</i> , 2022, 59, 1976-1985.	4.0	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. <i>New Phytologist</i> , 2021, 229, 3048-3052.	7.3	20
117	<i>Acaulospora colossica</i> sp. nov. from an Old Field in North Carolina and Morphological Comparisons with Similar Species, <i>A. laevis</i> and <i>A. koskei</i> . <i>Mycologia</i> , 1999, 91, 676.	1.9	19
118	Host discrimination in modular mutualisms: a theoretical framework for meta-populations of mutualists and exploiters. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152428.	2.6	19
119	<i>Acaulospora colossica</i> sp. nov. from an old field in North Carolina and morphological comparisons with similar species, <i>A. laevis</i> and <i>A. koskei</i> . <i>Mycologia</i> , 1999, 91, 676-683.	1.9	18
120	Evolutionary history shapes patterns of mutualistic benefit in <i>Acacia</i> -rhizobial interactions. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1473-1485.	2.3	18
121	A nucleation framework for transition between alternate states: short-circuiting barriers to ecosystem recovery. <i>Ecology</i> , 2020, 101, e03099.	3.2	18
122	Mycorrhizal composition influences plant anatomical defense and impacts herbivore growth and survival in a life-stage dependent manner. <i>Pedobiologia</i> , 2018, 66, 29-35.	1.2	17
123	Climate Affects Plant-Soil Feedback of Native and Invasive Grasses: Negative Feedbacks in Stable but Not in Variable Environments. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	17
124	Native plant abundance, diversity, and richness increases in prairie restoration with field inoculation density of native mycorrhizal amendments. <i>Restoration Ecology</i> , 2020, 28, S373.	2.9	17
125	Carbon allocation and competition maintain variation in plant root mutualisms. <i>Ecology and Evolution</i> , 2018, 8, 5792-5800.	1.9	16
126	Community context for mechanisms of disease dilution: insights from linking epidemiology and plant-soil feedback theory. <i>Annals of the New York Academy of Sciences</i> , 2020, 1469, 65-85.	3.8	16



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127	Environmental identification of arbuscular mycorrhizal fungi using the LSU rDNA gene region: an expanded database and improved pipeline. <i>Mycorrhiza</i> , 2022, 32, 145-153.	2.8	16
128	In-depth Phylogenomic Analysis of Arbuscular Mycorrhizal Fungi Based on a Comprehensive Set of de novo Genome Assemblies. <i>Frontiers in Fungal Biology</i> , 2021, 2, .	2.0	15
129	Adaptation of <i>Liquidambar styraciflua</i> to coal tailings is mediated by arbuscular mycorrhizal fungi. <i>Applied Soil Ecology</i> , 2011, 48, 251-255.	4.3	14
130	Asymmetric facilitation induced by inoculation with arbuscular mycorrhizal fungi leads to overyielding in maize/faba bean intercropping. <i>Journal of Plant Interactions</i> , 2019, 14, 10-20.	2.1	14
131	Advancing Synthetic Ecology: A Database System to Facilitate Complex Ecological Meta-Analyses. <i>Bulletin of the Ecological Society of America</i> , 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. <i>Restoration Ecology</i> , 2020, 28, 785-795.	2.9	13
133	Are two strategies better than one? Manipulation of seed density and soil community in an experimental prairie restoration. <i>Restoration Ecology</i> , 2019, 27, 1021-1031.	2.9	12
134	Mycorrhizal types influence island biogeography of plants. <i>Communications Biology</i> , 2021, 4, 1128.	4.4	12
135	Microbial mediators of plant community response to long-term N and P fertilization: Evidence of a role of plant responsiveness to mycorrhizal fungi. <i>Global Change Biology</i> , 2022, 28, 2721-2735.	9.5	12
136	Connections and Feedback: Aquatic, Plant, and Soil Microbiomes in Heterogeneous and Changing Environments. <i>BioScience</i> , 2020, 70, 548-562.	4.9	11
137	Sowing density effects and patterns of colonization in a prairie restoration. <i>Restoration Ecology</i> , 2018, 26, 245-254.	2.9	10
138	Plant-soil feedback as a driver of spatial structure in ecosystems. <i>Physics of Life Reviews</i> , 2022, 40, 6-14.	2.8	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 <i>Rhizobium</i> Populations. <i>PLoS ONE</i> , 2014, 9, e95141.	2.5	9
141	Benefits of Native Mycorrhizal Amendments to Perennial Agroecosystems Increases with Field Inoculation Density. <i>Agronomy</i> , 2019, 9, 353.	3.0	9
142	Symbionts as Filters of Plant Colonization of Islands: Tests of Expected Patterns and Environmental Consequences in the Galapagos. <i>Plants</i> , 2020, 9, 74.	3.5	9
143	Dynamics within the Plant – Arbuscular Mycorrhizal Fungal Mutualism: Testing the Nature of Community Feedback. <i>Ecological Studies</i> , 2003, , 267-292.	1.2	8
144	Beyond the black box: promoting mathematical collaborations for elucidating interactions in soil ecology. <i>Ecosphere</i> , 2019, 10, e02799.	2.2	8

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145	Abiotic and biotic context dependency of perennial crop yield. PLoS ONE, 2020, 15, e0234546.	2.5	7
146	Celebrating INVAM: 35 years of the largest living culture collection of arbuscular mycorrhizal fungi. Mycorrhiza, 2021, 31, 117-126.	2.8	7
147	Adaptation of plant-mycorrhizal interactions to moisture availability in prairie restoration. Restoration Ecology, 2021, 29, .	2.9	7
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