

Hidden treatments in ecological experiments: re-evaluating biodiversity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Observing temporal processes in nature. , 0, , 9-10.		0
3	Competition and Herbivory in Establishing Grassland Communities: Implications for Plant Biomass, Species Diversity and Soil Microbial Activity. <i>Oikos</i> , 1997, 80, 470.	1.2	55
4	Effects of trampling and vegetation removal on species diversity and micro-environment under different shade conditions. <i>Journal of Vegetation Science</i> , 1997, 8, 873-880.	1.1	71
5	ECOLOGY: Biodiversity and Ecosystem Function: The Debate Deepens. <i>Science</i> , 1997, 277, 1260-1261.	6.0	478
6	Transect Studies of Pine Forests Along Parallel 52°N, 12°E and Along a Pollution Gradient in Central Europe: General Assumptions, Climatic Conditions and Pollution Deposition. <i>Environmental Pollution</i> , 1997, 98, 335-345.	3.7	7
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23	Assembly rules as general constraints on community composition. , 1999, , 251-271.		89
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527	Biomass-dependent susceptibility to drought in experimental grassland communities. <i>Ecology Letters</i> , 2007, 10, 401-410.	3.0	94
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531	Developing strategies and methods for rehabilitating degraded pastures using native grasses. <i>Ecological Management and Restoration</i> , 2007, 8, 182-186.	0.7	7
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548	Effects of food diversity on diatom selection by harpacticoid copepods. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 345, 119-128.	0.7	36
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1037	<i>In silico</i> substrate dependence increases community productivity but threatens biodiversity. <i>Physical Review E</i> , 2016, 93, 042414.	0.8	2
1038	Deconstructing the relationships between phylogenetic diversity and ecology: a case study on ecosystem functioning. <i>Ecology</i> , 2016, 97, 2212-2222.	1.5	34
1039	Power of Plankton: Effects of Algal Biodiversity on Biocrude Production and Stability. <i>Environmental Science & Technology</i> , 2016, 50, 13142-13150.	4.6	28
1040	Effects of plant intraspecific diversity across three trophic levels: Underlying mechanisms and plant traits. <i>American Journal of Botany</i> , 2016, 103, 1810-1818.	0.8	17
1041	Relationships between functional diversity and aboveground biomass production in the Northern Tibetan alpine grasslands. <i>Scientific Reports</i> , 2016, 6, 34105.	1.6	42
1042	<i>Pseudomonas</i> spp. diversity is negatively associated with suppression of the wheat take-all pathogen. <i>Scientific Reports</i> , 2016, 6, 29905.	1.6	46
1043	Per capita interactions and stress tolerance drive stress-induced changes in biodiversity effects on ecosystem functions. <i>Nature Communications</i> , 2016, 7, 12486.	5.8	54
1044	Biodiversity, ecosystem functioning, and classical biological control. <i>Applied Entomology and Zoology</i> , 2016, 51, 173-184.	0.6	21
1045	Root exudates drive interspecific facilitation by enhancing nodulation and N ₂ fixation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6496-6501.	3.3	282
1046	Plant species richness enhances nitrogen retention in green roof plots. <i>Ecological Applications</i> , 2016, 26, 2130-2144.	1.8	26
1047	Intraspecific diversity buffers the inhibitory effects of soil biota. <i>Ecology</i> , 2016, 97, 1913-1918.	1.5	15
1048	Do experiments exploring plant diversityâ€™ecosystem functioning relationships inform how biodiversity loss impacts natural ecosystems?. <i>Journal of Vegetation Science</i> , 2016, 27, 646-653.	1.1	134
1049	Bird and bat predation services in tropical forests and agroforestry landscapes. <i>Biological Reviews</i> , 2016, 91, 1081-1101.	4.7	182
1050	REI: riparian ecosystem index to assess the impact of hydrologic regime changes on riparian ecosystems. <i>Ecohydrology</i> , 2016, 9, 153-166.	1.1	5
1051	Deterministic diversity changes in freshwater phytoplankton in the Yunnanâ€™Guizhou Plateau lakes in China. <i>Ecological Indicators</i> , 2016, 63, 273-281.	2.6	15
1052	Integrative modelling reveals mechanisms linking productivity and plant species richness. <i>Nature</i> , 2016, 529, 390-393.	13.7	564
1053	Harmony as Ideology: Questioning the Diversityâ€™Stability Hypothesis. <i>Acta Biotheoretica</i> , 2016, 64, 33-64.	0.7	8

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1054	Effects of mesh bag enclosure and termites on fine woody debris decomposition in a subtropical forest. <i>Basic and Applied Ecology</i> , 2016, 17, 463-470.	1.2	30
1055	Positive diversity effects on productivity in mixtures of arable weed species as related to density-size relationships. <i>Journal of Plant Ecology</i> , 2016, 9, 792-804.	1.2	14
1056	Productivity, stand dynamics and the selection effect in a mixed willow clone short rotation coppice plantation. <i>Biomass and Bioenergy</i> , 2016, 87, 46-54.	2.9	25
1057	Forage nutritional characteristics and yield dynamics in a grazed semiarid steppe ecosystem of Inner Mongolia, China. <i>Ecological Indicators</i> , 2016, 60, 460-469.	2.6	23
1058	Weighted species richness outperforms species richness as predictor of biotic resistance. <i>Ecology</i> , 2016, 97, 262-271.	1.5	17
1059	Tree diversity and species identity effects on soil fungi, protists and animals are context dependent. <i>ISME Journal</i> , 2016, 10, 346-362.	4.4	307
1060	Daytime warming lowers community temporal stability by reducing the abundance of dominant, stable species. <i>Global Change Biology</i> , 2017, 23, 154-163.	4.2	95
1061	Greater Species Richness of Bacterial Skin Symbionts Better Suppresses the Amphibian Fungal Pathogen <i>Batrachochytrium Dendrobatidis</i> . <i>Microbial Ecology</i> , 2017, 74, 217-226.	1.4	82
1062	Restoration and management for plant diversity enhances the rate of belowground ecosystem recovery. <i>Ecological Applications</i> , 2017, 27, 355-362.	1.8	42
1063	Mowing exacerbates the loss of ecosystem stability under nitrogen enrichment in a temperate grassland. <i>Functional Ecology</i> , 2017, 31, 1637-1646.	1.7	71
1064	Species with larger body size do not dominate neighbourhood biomass production in old-field vegetation. <i>Journal of Vegetation Science</i> , 2017, 28, 616-626.	1.1	6
1065	Effects of native diversity, soil nutrients, and natural enemies on exotic invasion in experimental plant communities. <i>Ecology</i> , 2017, 98, 1409-1418.	1.5	36
1066	The Overlooked Role of Facilitation in Biodiversity Experiments. <i>Trends in Ecology and Evolution</i> , 2017, 32, 383-390.	4.2	202
1067	Integrating plant ecological responses to climate extremes from individual to ecosystem levels. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160142.	1.8	83
1068	Increased productivity in wet years drives a decline in ecosystem stability with nitrogen additions in arid grasslands. <i>Ecology</i> , 2017, 98, 1779-1786.	1.5	47
1069	Nonlinear partitioning of biodiversity effects on ecosystem functioning. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1233-1240.	2.2	9
1070	Functional flower traits and their diversity drive pollinator visitation. <i>Oikos</i> , 2017, 126, 1020-1030.	1.2	80
1071	Microbial richness and composition independently drive soil multifunctionality. <i>Functional Ecology</i> , 2017, 31, 2330-2343.	1.7	126

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1072	Functional consequences of realistic extinction scenarios in Amazonian soil food webs. <i>Ecosphere</i> , 2017, 8, e01692.	1.0	14
1073	Soil biota suppress positive plant diversity effects on productivity at high but not low soil fertility. <i>Journal of Ecology</i> , 2017, 105, 1766-1774.	1.9	23
1074	A role for the sampling effect in invaded ecosystems. <i>Oikos</i> , 2017, 126, 1229-1232.	1.2	14
1075	Aboveground biomass and carbon stock assessment in Indian tropical deciduous forest and relationship with stand structural attributes. <i>Ecological Engineering</i> , 2017, 99, 513-524.	1.6	60
1076	Structure, dynamics and stability of a Mediterranean river food web. <i>Marine and Freshwater Research</i> , 2017, 68, 484.	0.7	19
1077	Elevated CO ₂ mediates the short-term drought recovery of ecosystem function in low-diversity grassland systems. <i>Plant and Soil</i> , 2017, 420, 289-302.	1.8	8
1078	Biodiversity promotes primary productivity and growing season lengthening at the landscape scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10160-10165.	3.3	102
1079	Biodiversity effects in the wild are common and as strong as key drivers of productivity. <i>Nature</i> , 2017, 549, 261-264.	13.7	466
1080	Species richness and traits predict overyielding in stem growth in an early successional tree diversity experiment. <i>Ecology</i> , 2017, 98, 2601-2614.	1.5	68
1081	Intersection between biodiversity conservation, agroecology, and ecosystem services. <i>Agroecology and Sustainable Food Systems</i> , 2017, 41, 723-760.	1.0	44
1082	Native species dispersal reduces community invasibility by increasing species richness and biotic resistance. <i>Journal of Animal Ecology</i> , 2017, 86, 1380-1393.	1.3	18
1083	Effect of experimental soil disturbance and recovery on structure and function of soil community: a metagenomic and metagenetic approach. <i>Scientific Reports</i> , 2017, 7, 2260.	1.6	18
1084	Biodiversity effects on ecosystem functioning in a 15-year grassland experiment: Patterns, mechanisms, and open questions. <i>Basic and Applied Ecology</i> , 2017, 23, 1-73.	1.2	307
1085	How anthropogenic changes may affect soil-borne parasite diversity? Plant-parasitic nematode communities associated with olive trees in Morocco as a case study. <i>BMC Ecology</i> , 2017, 17, 4.	3.0	13
1086	An evolutionary game theoretical model shows the limitations of the additive partitioning method for interpreting biodiversity experiments. <i>Journal of Ecology</i> , 2017, 105, 345-353.	1.9	8
1087	Plant genotypic variation and intraspecific diversity trump soil nutrient availability to shape old-field structure and function. <i>Functional Ecology</i> , 2017, 31, 965-974.	1.7	11
1088	Drought Effects in Climate Change Manipulation Experiments: Quantifying the Influence of Ambient Weather Conditions and Rain-out Shelter Artifacts. <i>Ecosystems</i> , 2017, 20, 301-315.	1.6	41
1089	Magnitude of Species Diversity Effect on Aboveground Plant Biomass Increases Through Successional Time of Abandoned Farmlands on the Eastern Tibetan Plateau of China. <i>Land Degradation and Development</i> , 2017, 28, 370-378.	1.8	15

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1090	Going undercover: increasing canopy cover around a host tree drives associational resistance to an insect pest. <i>Oikos</i> , 2017, 126, 339-349.	1.2	13
1091	Secondary Invasion and Reinvasion after Russian-Olive Removal and Revegetation. <i>Invasive Plant Science and Management</i> , 2017, 10, 340-349.	0.5	11
1092	Bacterial strategies along nutrient and time gradients, revealed by metagenomic analysis of laboratory microcosms. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	53
1093	Effects of Experimental Sowing on Agroforestry Ecosystem Primary Production during Recovery from Agricultural Abandonment in a Semi-Arid Region of Central Western Spain. , 0, , .		0
1094	Screening Cover Crops for Weed Suppression in Conservation Agriculture. <i>Sustainable Agriculture Research</i> , 2017, 6, 124.	0.2	1
1095	Arbuscular Mycorrhizal Fungi Enhance Plant Diversity, Density and Productivity of Spring Ephemeral Community in Desert Ecosystem. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 301-307.	0.5	6
1096	Grassland Communities and Ecosystems $\hat{\tau}$. , 2017, , .		1
1097	Limited impact of an invasive oyster on intertidal assemblage structure and biodiversity: the importance of environmental context and functional equivalency with native species. <i>Marine Biology</i> , 2018, 165, 89.	0.7	14
1098	Climate change-driven extinctions of tree species affect forest functioning more than random extinctions. <i>Diversity and Distributions</i> , 2018, 24, 906-918.	1.9	23
1099	How does habitat fragmentation affect the biodiversity and ecosystem functioning relationship?. <i>Landscape Ecology</i> , 2018, 33, 341-352.	1.9	72
1101	Random species loss underestimates dilution effects of host diversity on foliar fungal diseases under fertilization. <i>Ecology and Evolution</i> , 2018, 8, 1705-1713.	0.8	26
1102	Tree species diversity alters plant defense investment in an experimental forest plantation in southern Mexico. <i>Biotropica</i> , 2018, 50, 246-253.	0.8	9
1103	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. <i>Environmental and Experimental Botany</i> , 2018, 152, 68-89.	2.0	113
1104	Perception of faunal circadian rhythms depends on sampling technique. <i>Marine Environmental Research</i> , 2018, 134, 68-75.	1.1	3
1105	Interplay between r- and K-strategists leads to phytoplankton underyielding under pulsed resource supply. <i>Oecologia</i> , 2018, 186, 755-764.	0.9	11
1106	Nonadditive effects of consumption in an intertidal macroinvertebrate community are independent of food availability but driven by complementarity effects. <i>Ecology and Evolution</i> , 2018, 8, 3086-3097.	0.8	1
1107	Biodiversity change is uncoupled from species richness trends: Consequences for conservation and monitoring. <i>Journal of Applied Ecology</i> , 2018, 55, 169-184.	1.9	435
1108	Biodiversity as a solution to mitigate climate change impacts on the functioning of forest ecosystems. <i>Biological Reviews</i> , 2018, 93, 439-456.	4.7	137

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1109	Diversity of plant-parasitic nematode communities associated with olive nurseries in Morocco: Origin and environmental impacts. <i>Applied Soil Ecology</i> , 2018, 124, 7-16.	2.1	15
1110	An a posteriori species clustering for quantifying the effects of species interactions on ecosystem functioning. <i>Methods in Ecology and Evolution</i> , 2018, 9, 704-715.	2.2	12
1111	Complementarity of three distinctive phytoremediation crops for multiple-trace element contaminated soil. <i>Science of the Total Environment</i> , 2018, 610-611, 1428-1438.	3.9	48
1112	Patterns and drivers of biodiversityâ€“stability relationships under climate extremes. <i>Journal of Ecology</i> , 2018, 106, 890-902.	1.9	83
1113	The role of complementarity and selection effects in P acquisition of intercropping systems. <i>Plant and Soil</i> , 2018, 422, 479-493.	1.8	38
1114	History matters: Heterotrophic microbial community structure and function adapt to multiple stressors. <i>Global Change Biology</i> , 2018, 24, e402-e415.	4.2	35
1115	The â€œBiodiversityâ€“Ecosystem function debateâ€: An interdisciplinary dialogue between Ecology, Agricultural Science, and Agroecology. <i>Agroecology and Sustainable Food Systems</i> , 2018, 42, 264-273.	1.0	9
1116	Tropical tree diversity mediates foraging and predatory effects of insectivorous birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181842.	1.2	24
1117	Impacts of species richness on productivity in a large-scale subtropical forest experiment. <i>Science</i> , 2018, 362, 80-83.	6.0	433
1118	Urban green-infrastructure for improved public health : research trends and issues. <i>Journal of the Japanese Society of Revegetation Technology</i> , 2018, 43, 466-469.	0.0	1
1119	Aboveground biomass and root/shoot ratio regulated drought susceptibility of ecosystem carbon exchange in a meadow steppe. <i>Plant and Soil</i> , 2018, 432, 259-272.	1.8	41
1120	Global meta-analysis reveals agro-grassland productivity varies based on species diversity over time. <i>PLoS ONE</i> , 2018, 13, e0200274.	1.1	15
1121	Small-scale genotypic richness stabilizes plot biomass and increases phenotypic variance in the invasive grass <i>Phalaris arundinacea</i> . <i>Journal of Plant Ecology</i> , 2018, 11, 47-55.	1.2	5
1122	Evidence that emergent <i>Nothofagus dombeyi</i> do not depress carbon sequestration rates of canopy species in an old-growth Chilean temperate forest. <i>New Zealand Journal of Botany</i> , 2018, 56, 311-322.	0.8	3
1123	Response of estuarine meiofauna communities to shifts in spatial distribution of keystone species: An experimental approach. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 212, 365-371.	0.9	10
1124	Functional divergence in nitrogen uptake rates explains diversityâ€“productivity relationship in microalgal communities. <i>Ecosphere</i> , 2018, 9, e02228.	1.0	24
1125	Using root traits to understand temporal changes in biodiversity effects in grassland mixtures. <i>Oikos</i> , 2019, 128, 208-220.	1.2	16
1126	Mapping change in biodiversity and ecosystem function research: food webs foster integration of experiments and science policy. <i>Advances in Ecological Research</i> , 2019, , 297-322.	1.4	16

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1127	Transferring biodiversity-ecosystem function research to the management of "real-world" ecosystems. <i>Advances in Ecological Research</i> , 2019, 61, 323-356.	1.4	51
1128	Linking local species coexistence to ecosystem functioning: a conceptual framework from ecological first principles in grassland ecosystems. <i>Advances in Ecological Research</i> , 2019, 61, 265-296.	1.4	3
1129	Divergence in natural diversity studies: The need to standardize methods and goals. <i>Catena</i> , 2019, 182, 104110.	2.2	17
1130	Global evidence of positive biodiversity effects on spatial ecosystem stability in natural grasslands. <i>Nature Communications</i> , 2019, 10, 3207.	5.8	59
1131	A multitrophic perspective on biodiversity-ecosystem functioning research. <i>Advances in Ecological Research</i> , 2019, 61, 1-54.	1.4	95
1132	Nutrient-induced shifts of dominant species reduce ecosystem stability via increases in species synchrony and population variability. <i>Science of the Total Environment</i> , 2019, 692, 441-449.	3.9	32
1133	Not even wrong: Comment by Wagg et al.. <i>Ecology</i> , 2019, 100, e02805.	1.5	8
1134	Evenness effects mask richness effects on ecosystem functioning at macro-scales in lakes. <i>Ecology Letters</i> , 2019, 22, 2120-2129.	3.0	18
1135	Terrestrial laser scanning reveals temporal changes in biodiversity mechanisms driving grassland productivity. <i>Advances in Ecological Research</i> , 2019, 61, 133-161.	1.4	11
1136	Functional similarity and competitive symmetry control productivity in mixtures of Mediterranean perennial grasses. <i>PLoS ONE</i> , 2019, 14, e0221667.	1.1	5
1137	Benefits of increased colonist quantity and genetic diversity for colonization depend on colonist identity. <i>Oikos</i> , 2019, 128, 1761-1771.	1.2	5
1138	Response of a coastal Baltic Sea diatom-dominated phytoplankton community to experimental heat shock and changing salinity. <i>Oecologia</i> , 2019, 191, 461-474.	0.9	3
1139	Levels of forest ecosystem services depend on specific mixtures of commercial tree species. <i>Nature Plants</i> , 2019, 5, 141-147.	4.7	57
1140	Interaction of a root-knot nematode (<i>Meloidogyne hapla</i>) and plant intraspecific diversity in clover-grass communities. <i>Journal of Plant Ecology</i> , 2019, 12, 1-9.	1.2	1
1141	Not even wrong: the spurious measurement of biodiversity's effects on ecosystem functioning. <i>Ecology</i> , 2019, 100, e02645.	1.5	31
1142	A Critical Review of Spatial Predictive Modeling Process in Environmental Sciences with Reproducible Examples in <i>R</i> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2048.	1.3	15
1143	Comparing the effects of companion species diversity and the dominant species (<i>Stipa grandis</i>) genotypic diversity on the biomass explained by plant functional trait. <i>Ecological Engineering</i> , 2019, 136, 17-22.	1.6	12
1144	Not even wrong: Comment by Loreau and Hector. <i>Ecology</i> , 2019, 100, e02794.	1.5	13

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1145	Tree performance in a biodiversity enrichment experiment in an oil palm landscape. <i>Journal of Applied Ecology</i> , 2019, 56, 2340-2352.	1.9	22
1146	Weed Control Ability of Single Sown Cover Crops Compared to Species Mixtures. <i>Agronomy</i> , 2019, 9, 294.	1.3	24
1147	The legacy of initial sowing after 20 years of ex-arable land colonisation. <i>Oecologia</i> , 2019, 190, 459-469.	0.9	7
1148	Ecogeographical rules and the macroecology of food webs. <i>Global Ecology and Biogeography</i> , 2019, 28, 1204-1218.	2.7	34
1149	Trade-offs and cost-benefit of ecosystem services of revegetated degraded alpine meadows over time on the Qinghai-Tibetan Plateau. <i>Agriculture, Ecosystems and Environment</i> , 2019, 279, 130-138.	2.5	37
1150	Community disassembly and disease: realistic but not randomized biodiversity losses enhance parasite transmission. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190260.	1.2	30
1151	Biodiversity and agriculture. , 2019, , 39-59.		1
1152	Plant biomass, rather than species composition, determines ecosystem properties: Results from a long-term graminoid removal experiment in a northern Canadian grassland. <i>Journal of Ecology</i> , 2019, 107, 2211-2225.	1.9	7
1153	Larger Area Facilitates Richness-Function Effects in Experimental Microcosms. <i>American Naturalist</i> , 2019, 193, 738-747.	1.0	4
1154	Tree diversity increases robustness of multi-trophic interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182399.	1.2	29
1155	Organic Regime Promotes Evenness of Natural Enemies and Planthopper Control in Paddy Fields. <i>Environmental Entomology</i> , 2019, 48, 318-325.	0.7	6
1156	Biodiversity? Yes, But What Kind? A Critical Reassessment in Light of a Challenge from Microbial Ecology. <i>Journal of Agricultural and Environmental Ethics</i> , 2019, 32, 201-218.	0.9	6
1157	Host range expansion may provide enemy free space for the highly invasive emerald ash borer. <i>Biological Invasions</i> , 2019, 21, 625-635.	1.2	12
1158	Unimodal diversity-productivity relationship emerged under stressful environment through sampling effect. <i>Ecological Informatics</i> , 2019, 50, 131-135.	2.3	2
1159	Forage Accumulation, Nutritive Value, and Botanical Composition of Grass-Cicer Milkvetch Mixtures under Two Harvest Managements. <i>Crop Science</i> , 2019, 59, 2876-2885.	0.8	4
1160	Geodiversity and geoheritage: Detecting scientific and geographic biases and gaps through a bibliometric study. <i>Science of the Total Environment</i> , 2019, 659, 1032-1044.	3.9	42
1161	Species diversity of resident green algae slows the establishment and proliferation of the cyanobacterium <i>Microcystis aeruginosa</i> . <i>Limnologia</i> , 2019, 74, 23-27.	0.7	13
1162	Effect of phytoplankton size diversity on primary productivity in the North Pacific: trait distributions under environmental variability. <i>Ecology Letters</i> , 2019, 22, 56-66.	3.0	36

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1163	Can Increased Within-Field Diversity Boost Ecosystem Services and Crop Adaptability to Climatic Uncertainty?. , 2019, , 191-197.		0
1164	Tree species identity surpasses richness in affecting soil microbial richness and community composition in subtropical forests. <i>Soil Biology and Biochemistry</i> , 2019, 130, 113-121.	4.2	111
1165	Multiple drivers of contrasting diversityâ€“invasibility relationships at fine spatial grains. <i>Ecology</i> , 2019, 100, e02573.	1.5	27
1166	Understanding negative biodiversityâ€“ecosystem functioning relationship in semi-natural wildflower strips. <i>Oecologia</i> , 2019, 189, 185-197.	0.9	9
1167	Do all roads lead to Rome? Exploring community trajectories in response to anthropogenic salinization and dilution of rivers. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180009.	1.8	23
1168	Environmental DNA metabarcoding studies are critically affected by substrate selection. <i>Molecular Ecology Resources</i> , 2019, 19, 366-376.	2.2	105
1169	Species richness and composition of shrub-encroached grasslands in relation to environmental factors in northern China. <i>Journal of Plant Ecology</i> , 2019, 12, 56-66.	1.2	17
1170	Multiple facets of diversity effects on plant productivity: Species richness, functional diversity, species identity and intraspecific competition. <i>Functional Ecology</i> , 2020, 34, 287-298.	1.7	65
1171	Key Species Superpose the Effect of Species Richness and Species Interaction on Carbon Fluxes in a Restored Minerotrophic Peatland. <i>Wetlands</i> , 2020, 40, 333-349.	0.7	3
1172	Biodiversity, ecosystem functioning, and the environmentalist agenda. <i>Biology and Philosophy</i> , 2020, 35, 1.	0.7	4
1173	Belowground Competition Can Influence the Evolution of Root Traits. <i>American Naturalist</i> , 2020, 195, 577-590.	1.0	21
1174	Biomass allocation and productivityâ€“richness relationship across four grassland types at the Qinghai Plateau. <i>Ecology and Evolution</i> , 2020, 10, 506-516.	0.8	14
1175	Harmful algal blooms significantly reduce the resource use efficiency in a coastal plankton community. <i>Science of the Total Environment</i> , 2020, 704, 135381.	3.9	31
1176	Wood-colonizing fungal community response to forest restoration thinnings in a <i>Pinus tabuliformis</i> plantation in northern China. <i>Forest Ecology and Management</i> , 2020, 476, 118459.	1.4	6
1177	Assessing the functional relationship between dung beetle traits and dung removal, burial, and seedling emergence. <i>Ecology</i> , 2020, 101, e03138.	1.5	28
1178	The species compositionâ€“ecosystem function relationship: A global meta-analysis using data from intact and recovering ecosystems. <i>PLoS ONE</i> , 2020, 15, e0236550.	1.1	17
1179	Plant diversity influenced gross nitrogen mineralization, microbial ammonium consumption and gross inorganic N immobilization in a grassland experiment. <i>Oecologia</i> , 2020, 193, 731-748.	0.9	15
1180	Resource enrichment combined with biomass removal maintains plant diversity and community stability in a long-term grazed grassland. <i>Journal of Plant Ecology</i> , 2020, 13, 611-620.	1.2	9

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1181	The results of biodiversityâ€™ecosystem functioning experiments are realistic. <i>Nature Ecology and Evolution</i> , 2020, 4, 1485-1494.	3.4	93
1182	Scaling up biodiversityâ€™ecosystem function relationships across space and over time. <i>Ecology</i> , 2020, 101, e03166.	1.5	37
1183	Niche Breadth: Causes and Consequences for Ecology, Evolution, and Conservation. <i>Quarterly Review of Biology</i> , 2020, 95, 179-214.	0.0	114
1184	Evidence for Elton's diversityâ€™invasibility hypothesis from belowground. <i>Ecology</i> , 2020, 101, e03187.	1.5	23
1185	Scaleâ€™dependent effects of neighborhood biodiversity on individual tree productivity in a coniferous and broadâ€™leaved mixed forest in China. <i>Ecology and Evolution</i> , 2020, 10, 8225-8234.	0.8	10
1186	Do biodiversity-ecosystem functioning experiments inform stakeholders how to simultaneously conserve biodiversity and increase ecosystem service provisioning in grasslands?. <i>Biological Conservation</i> , 2020, 245, 108552.	1.9	19
1187	Restoring functionally diverse communities enhances invasion resistance in a freshwater wetland. <i>Journal of Ecology</i> , 2020, 108, 2485-2498.	1.9	15
1188	The effects of intraspecific and interspecific diversity on food web stability. <i>Theoretical Ecology</i> , 2020, 13, 399-407.	0.4	4
1189	Tree community structure and recruitment dynamics in savanna woodlands. <i>International Journal of Biodiversity and Conservation</i> , 2020, 12, 71-103.	0.4	0
1190	Crop Varietal Mixtures as a Strategy to Support Insect Pest Control, Yield, Economic, and Nutritional Services. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	35
1191	Can increased training and awareness take forest research to new heights?. <i>Trees, Forests and People</i> , 2020, 1, 100005.	0.8	4
1192	Do soilâ€™borne fungal pathogens mediate plant diversityâ€™productivity relationships? Evidence and future opportunities. <i>Journal of Ecology</i> , 2020, 108, 1810-1821.	1.9	49
1193	A trait space at an overarching scale yields more conclusive macroecological patterns of functional diversity. <i>Global Ecology and Biogeography</i> , 2020, 29, 1729-1742.	2.7	18
1194	The change of accumulation of heavy metal drive interspecific facilitation under copper and cold stress. <i>Aquatic Toxicology</i> , 2020, 225, 105550.	1.9	3
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