

Diversity and Productivity in a Long-Term Grassland Ex

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Does sampling resolution influence the relationship between plant community diversity and aboveground productivity at a northern prairie site? An investigation using ground-based radiometry. , 0, , .		0
2	DISENTANGLING THE IMPACTS OF DIVERSITY ON ECOSYSTEM FUNCTIONING IN COMBINATORIAL EXPERIMENTS. <i>Ecology</i> , 2002, 83, 2925-2935.	1.5	123
3	Trophic Control of Production in a Rocky Intertidal Community. <i>Science</i> , 2002, 296, 736-739.	6.0	207
4	PHENOTYPIC DIVERSITY INFLUENCES ECOSYSTEM FUNCTIONING IN AN OAK SANDHILLS COMMUNITY. <i>Ecology</i> , 2002, 83, 2084-2090.	1.5	139
5	Putting Food Production in Context: Toward a Postmechanistic Agricultural Ethic. <i>BioScience</i> , 2002, 52, 264.	2.2	15
6	Challenges of a Changing Earth. <i>Global Change - the IGBP Series</i> , 2002, , .	2.1	64
7	Extinction and the loss of functional diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1721-1727.	1.2	215
8	Resource availability dominates and alters the relationship between species diversity and ecosystem productivity in experimental plant communities. <i>Oecologia</i> , 2002, 132, 271-277.	0.9	225
9	Studying the effects of plant species richness on ecosystem functioning: does the choice of experimental design matter?. <i>Oecologia</i> , 2002, 133, 594-598.	0.9	35
10	Measuring Functional Diversity in Plant Communities with MixedLife Forms: A Problem of Hardand Soft Attributes. <i>Ecosystems</i> , 2002, 5, 529-538.	1.6	57
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16	Functional diversity (FD), species richness and community composition. <i>Ecology Letters</i> , 2002, 5, 402-411.	3.0	1,380
17	Reductions in grassland species evenness increase dicot seedling invasion and spittle bug infestation. <i>Ecology Letters</i> , 2002, 5, 676-684.	3.0	159
18	Agricultural sustainability and intensive production practices. <i>Nature</i> , 2002, 418, 671-677.	13.7	5,748

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21	Biodiversity equals instability?. <i>Nature</i> , 2002, 416, 23-24.	13.7	60
22	Spin spotting. <i>Nature</i> , 2002, 416, 24-25.	13.7	26
23	Mutualism or cooperation among competitors promotes coexistence and competitive ability. <i>Ecological Modelling</i> , 2003, 164, 271-282.	1.2	86
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29	The development of vegetative zonation patterns in restored prairie pothole wetlands. <i>Journal of Applied Ecology</i> , 2003, 40, 92-100.	1.9	43
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40	Effect of harvest intensity on development of natural regeneration and shrubs in an Ontario boreal mixedwood stand. <i>Forest Ecology and Management</i> , 2003, , .	1.4	0
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1014	Ant-mediated ecosystem services and disservices on marketable yield in cocoa agroforestry systems. <i>Agriculture, Ecosystems and Environment</i> , 2017, 247, 409-417.	2.5	27
1015	Plant functional identity as the predictor of carbon storage in semi-arid ecosystems. <i>Plant Ecology and Diversity</i> , 2017, 10, 139-151.	1.0	17
1016	The forest strata-dependent relationship between biodiversity and aboveground biomass within a subtropical forest. <i>Forest Ecology and Management</i> , 2017, 401, 125-134.	1.4	64
1017	Gradual changes in range size accompany long-term trends in species richness. <i>Ecology Letters</i> , 2017, 20, 1148-1157.	3.0	51
1018	Establishment of a comprehensive indicator system for the assessment of biodiversity and ecosystem services. <i>Landscape Ecology</i> , 2017, 32, 1563-1579.	1.9	22

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1019	Modeling plant interspecific interactions from experiments with perennial crop mixtures to predict optimal combinations. <i>Ecological Applications</i> , 2017, 27, 2277-2289.	1.8	21
1020	Spatial plant resource acquisition traits explain plant community effects on soil microbial properties. <i>Pedobiologia</i> , 2017, 65, 50-57.	0.5	17
1021	Effect of Aminocyclopyrachlor on Native Prairie Species in the Northern Great Plains. <i>Invasive Plant Science and Management</i> , 2017, 10, 201-209.	0.5	3
1022	Biodiversity and climate determine the functioning of Neotropical forests. <i>Global Ecology and Biogeography</i> , 2017, 26, 1423-1434.	2.7	193
1023	Applying principles of resource competition theory to microalgae biomass production: A more refined relationship between species richness and productivity. <i>Algal Research</i> , 2017, 25, 431-438.	2.4	4
1024	Ecotypic diversity of a dominant grassland species resists exotic invasion. <i>Biological Invasions</i> , 2017, 19, 1483-1493.	1.2	5
1025	Effects of precipitation and temperature on net primary productivity and precipitation use efficiency across China's grasslands. <i>GIScience and Remote Sensing</i> , 2017, 54, 881-897.	2.4	42
1026	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
1027	To what extent can ecosystem services motivate protecting biodiversity?. <i>Ecology Letters</i> , 2017, 20, 935-946.	3.0	45
1028	Local neighbourhood effects on sapling growth in a young experimental forest. <i>Forest Ecology and Management</i> , 2017, 384, 424-443.	1.4	13
1029	Taxonomic resolution is a determinant of biodiversity effects in arbuscular mycorrhizal fungal communities. <i>Journal of Ecology</i> , 2017, 105, 219-228.	1.9	46
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1031	Effects of species diversity on fine root productivity increase with stand development and associated mechanisms in a boreal forest. <i>Journal of Ecology</i> , 2017, 105, 237-245.	1.9	61
1032	Significant relationship between soil bacterial community structure and incidence of bacterial wilt disease under continuous cropping system. <i>Archives of Microbiology</i> , 2017, 199, 267-275.	1.0	111
1033	Modeling and mapping forest diversity in the boreal forest of interior Alaska. <i>Landscape Ecology</i> , 2017, 32, 397-413.	1.9	17
1034	Linking above-ground biomass and biodiversity to stand development in urban forest areas: A case study in Northern Italy. <i>Landscape and Urban Planning</i> , 2017, 157, 90-97.	3.4	22
1035	A general biodiversity-function relationship is mediated by trophic level. <i>Oikos</i> , 2017, 126, 18-31.	1.2	112
1036	Methodological Challenges and General Criteria for Assessing and Designing Local Sustainable Agri-Food Systems: A Socio-Ecological Approach at Landscape Level. <i>Human-environment Interactions</i> , 2017, , 27-67.	1.2	11

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1037	Leaf area increases with species richness in young experimental stands of subtropical trees. <i>Journal of Plant Ecology</i> , 2017, 10, 128-135.	1.2	33
1038	Landscape indicators of groundwater nitrate concentrations: an approach for trans-border aquifer monitoring. <i>Ecosphere</i> , 2017, 8, e02047.	1.0	13
1039	Impacts of plant diversity on arthropod communities and plant-herbivore network architecture. <i>Ecosphere</i> , 2017, 8, e01983.	1.0	31
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1041	Weed Diversity Affects Soybean and Maize Yield in a Long Term Experiment in Michigan, USA. <i>Frontiers in Plant Science</i> , 2017, 8, 236.	1.7	26
1042	Dispersal-Based Microbial Community Assembly Decreases Biogeochemical Function. <i>Processes</i> , 2017, 5, 65.	1.3	93
1043	Rationally Managed Pastures Stock More Carbon than No-Tillage Fields. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	16
1044	Satellite Observations of Phytoplankton Functional Type Spatial Distributions, Phenology, Diversity, and Ecotones. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	29
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1046	Plant Community Changes During the First 10 Years of a Tallgrass Prairie Restoration Experiment. <i>Transactions of the Kansas Academy of Science</i> , 2017, 120, 187-199.	0.0	2
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1049	Forbs, grasses, and grassland fire behaviour. <i>Journal of Ecology</i> , 2018, 106, 1983-2001.	1.9	45
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1051	Soil pH and plant diversity shape soil bacterial community structure in the active layer across the latitudinal gradients in continuous permafrost region of Northeastern China. <i>Scientific Reports</i> , 2018, 8, 5619.	1.6	96
1053	Does plant diversity affect the water balance of established grassland systems?. <i>Ecohydrology</i> , 2018, 11, e1945.	1.1	7
1054	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
1055	Gut Microbial Diversity in Women With Polycystic Ovary Syndrome Correlates With Hyperandrogenism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1502-1511.	1.8	224

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1057	Toward more robust plant-soil feedback research. <i>Ecology</i> , 2018, 99, 550-556.	1.5	49
1058	Modulators of mercury risk to wildlife and humans in the context of rapid global change. <i>Ambio</i> , 2018, 47, 170-197.	2.8	244
1059	Land-use intensity indirectly affects ecosystem services mainly through plant functional identity in a temperate forest. <i>Functional Ecology</i> , 2018, 32, 1390-1399.	1.7	44
1060	Below-ground resource partitioning alone cannot explain the biodiversity-ecosystem function relationship: A field test using multiple tracers. <i>Journal of Ecology</i> , 2018, 106, 2002-2018.	1.9	53
1061	Diversifying crop rotation increased metabolic soil diversity and activity of the microbial community. <i>Agriculture, Ecosystems and Environment</i> , 2018, 257, 159-164.	2.5	83
1062	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
1063	Spatiotemporal variations in litter mass and their relationships with climate in temperate grassland: A case study from Xilingol grassland, Inner Mongolia (China). <i>Advances in Space Research</i> , 2018, 61, 1055-1065.	1.2	5
1064	Consistent effects of biodiversity loss on multifunctionality across contrasting ecosystems. <i>Nature Ecology and Evolution</i> , 2018, 2, 269-278.	3.4	136
1065	Interspecific competition alters leaf stoichiometry in 20 grassland species. <i>Oikos</i> , 2018, 127, 903-914.	1.2	33
1066	A timesaving estimation of per-quadrat species number in grassland communities based on a Poisson-like model. <i>Ecological Research</i> , 2018, 33, 427-434.	0.7	1
1067	Remote sensing of biodiversity: Soil correction and data dimension reduction methods improve assessment of \pm -diversity (species richness) in prairie ecosystems. <i>Remote Sensing of Environment</i> , 2018, 206, 240-253.	4.6	84
1068	Influence of plant composition and water use strategies on green roof stormwater retention. <i>Science of the Total Environment</i> , 2018, 625, 775-781.	3.9	81
1069	Distribution breadth and species turnover of night-flying beetles and moths on different mainland and island mountains. <i>Ecological Research</i> , 2018, 33, 237-247.	0.7	2
1070	Species and soil effects on overyielding of tree species mixtures in the Netherlands. <i>Forest Ecology and Management</i> , 2018, 409, 105-118.	1.4	23
1071	Interplay between r- and K-strategists leads to phytoplankton underyielding under pulsed resource supply. <i>Oecologia</i> , 2018, 186, 755-764.	0.9	11
1072	Community-wide consequences of variation in photoprotective physiology among prairie plants. <i>Photosynthetica</i> , 2018, 56, 455-467.	0.9	21
1073	Influence of species richness, evenness, and composition on optical diversity: A simulation study. <i>Remote Sensing of Environment</i> , 2018, 211, 218-228.	4.6	53

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1075	Perennial vegetation impacts on stream discharge and channel sources of sediment in the Minnesota River Basin. <i>Journal of Soils and Water Conservation</i> , 2018, 73, 120-132.	0.8	10
1076	Nonlinear response of lucerne (<i>Medicago sativa</i>) biomass and biological nitrogen fixation to different irrigations and sowing modes. <i>Applied Soil Ecology</i> , 2018, 125, 257-263.	2.1	6
1077	Managing biological control services through multi-trophic trait interactions: review and guidelines for implementation at local and landscape scales. <i>Biological Reviews</i> , 2018, 93, 306-321.	4.7	107
1078	Contribution of <i>Medicago sativa</i> to the productivity and nutritive value of forage in semi-arid grassland pastures. <i>Grass and Forage Science</i> , 2018, 73, 159-173.	1.2	6
1079	Overyielding in young tree plantations is driven by local complementarity and selection effects related to shade tolerance. <i>Journal of Ecology</i> , 2018, 106, 1096-1105.	1.9	61
1080	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
1081	Belowground complementarity effects in a grassland biodiversity experiment are related to deep-rooting species. <i>Journal of Ecology</i> , 2018, 106, 265-277.	1.9	76
1082	Abiotic and biotic drivers of aboveground biomass in semi-steppe rangelands. <i>Science of the Total Environment</i> , 2018, 615, 895-905.	3.9	46
1083	Contrasting termite diversity and assemblages on granitic and basaltic African savanna landscapes. <i>Insectes Sociaux</i> , 2018, 65, 25-35.	0.7	10
1084	Glyphosate Alters Aboveground Net Primary Production, Soil Organic Carbon, and Nutrients in Pampean Grasslands (Argentina). <i>Rangeland Ecology and Management</i> , 2018, 71, 119-125.	1.1	6
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1086	Storage of C, N, and P affected by afforestation with <i>Salix cupularis</i> in an alpine semiarid desert ecosystem. <i>Land Degradation and Development</i> , 2018, 29, 188-198.	1.8	42
1087	Crop mixtures: does niche complementarity hold for belowground resources? An experimental test using rice genotypic pairs. <i>Plant and Soil</i> , 2018, 424, 187-202.	1.8	28
1088	The genetics underlying natural variation of plant-plant interactions, a beloved but forgotten member of the family of biotic interactions. <i>Plant Journal</i> , 2018, 93, 747-770.	2.8	65
1089	Frontiers in alley cropping: Transformative solutions for temperate agriculture. <i>Global Change Biology</i> , 2018, 24, 883-894.	4.2	52
1090	Resource availability underlies the plant-fungal diversity relationship in a grassland ecosystem. <i>Ecology</i> , 2018, 99, 204-216.	1.5	91
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1093	Development of PVC Dispensers for Long-Lasting Release of Attractants for the Control of Invasive Crayfish Populations. <i>Diversity</i> , 2018, 10, 128.	0.7	3
1094	Enhanced aboveground biomass by increased precipitation in a central European grassland. <i>Ecological Processes</i> , 2018, 7, .	1.6	22
1095	Size-dependent movement explains why bigger is better in fragmented landscapes. <i>Ecology and Evolution</i> , 2018, 8, 10754-10767.	0.8	22
1096	Grain size affects the relationship between species richness and above-ground biomass in semi-arid rangelands. <i>Plant Ecology and Diversity</i> , 2018, 11, 489-499.	1.0	2
1097	Legacy effects of afforestation on prairie plant and seed bank communities in a northern Canadian prairie. <i>Basic and Applied Ecology</i> , 2018, 33, 25-36.	1.2	6
1098	Changes in temperature alter the relationship between biodiversity and ecosystem functioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10989-10994.	3.3	188
1099	Biodiversity explains maximum variation in productivity under experimental warming, nitrogen addition, and grazing in mountain grasslands. <i>Ecology and Evolution</i> , 2018, 8, 10094-10112.	0.8	16
1100	Grazing-induced microbiome alterations drive soil organic carbon turnover and productivity in meadow steppe. <i>Microbiome</i> , 2018, 6, 170.	4.9	119
1101	Igapá ³ (Black-water flooded forests) of the Amazon Basin. , 2018, , .		5
1102	Rhizobia: Culture Collections, Identification, and Methods of Preservation. <i>Soil Biology</i> , 2018, , 175-197.	0.6	3
1103	Microbial Resource Conservation. <i>Soil Biology</i> , 2018, , .	0.6	6
1104	Diversity and Phenology of Arachnids in Igapá ³ Forests. , 2018, , 81-97.		1
1105	Perennial biomass crop establishment, community characteristics, and productivity in the upper US Midwest: Effects of cropping systems seed mixtures and biochar applications. <i>European Journal of Agronomy</i> , 2018, 101, 121-128.	1.9	15
1106	Small mammal species richness is directly linked to regional productivity, but decoupled from food resources, abundance, or habitat complexity. <i>Journal of Biogeography</i> , 2018, 45, 2533-2545.	1.4	33
1107	Regional Crop Diversity and Weather Shocks in India. <i>Asian Development Review</i> , 2018, 35, 113-130.	0.8	25
1108	Selection in response to community diversity alters plant performance and functional traits. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2018, 33, 51-61.	1.1	21
1109	Farming for bees: annual variation in pollinator populations across agricultural landscapes. <i>Agricultural and Forest Entomology</i> , 2018, 20, 541-548.	0.7	19

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1113	Effects of functional diversity and functional dominance on complementary light use depend on evenness. <i>Journal of Vegetation Science</i> , 2018, 29, 726-736.	1.1	5
1114	Degraded soil increases the performance of a dominant grass, <i>Andropogon gerardii</i> (Big bluestem). <i>Plant Ecology</i> , 2018, 219, 901-911.	0.7	5
1115	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
1116	Evolution of facilitation requires diverse communities. <i>Nature Ecology and Evolution</i> , 2018, 2, 1381-1385.	3.4	45
1117	Suppression of Weeds and Increases in Food Production in Higher Crop Diversity Planting Arrangements: A Case Study of Relay Intercropping. <i>Crop Science</i> , 2018, 58, 1729-1739.	0.8	18
1118	No evidence for trade-offs in plant responses to consumer food web manipulations. <i>Ecology</i> , 2018, 99, 1953-1963.	1.5	13
1119	Improving the Yield and Nutritional Quality of Forage Crops. <i>Frontiers in Plant Science</i> , 2018, 9, 535.	1.7	122
1120	A combinatorial analysis using observational data identifies species that govern ecosystem functioning. <i>PLoS ONE</i> , 2018, 13, e0201135.	1.1	6
1121	Diversity Generator Mechanisms Are Essential Components of Biological Systems: The Two Queen Hypothesis. <i>Frontiers in Microbiology</i> , 2018, 9, 223.	1.5	15
1122	Advancing Intercropping Research and Practices in Industrialized Agricultural Landscapes. <i>Agriculture (Switzerland)</i> , 2018, 8, 80.	1.4	150
1123	Effects of Fertilizer Broadcasting on the Excessive Use of Inorganic Fertilizers and Environmental Sustainability. <i>Sustainability</i> , 2018, 10, 759.	1.6	177
1124	Grazers, pathogens and shelf-shading enhance phytoplankton species richness more and reduce productivity less when environments are less dynamic: A theoretical study. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 211, 152-165.	0.9	3
1125	Weed Control Through Crop Plant Manipulations. , 2018, , 73-96.		11
1126	Intercropping wheat and maize increases the uptake of phthalic acid esters by plant roots from soils. <i>Journal of Hazardous Materials</i> , 2018, 359, 9-18.	6.5	22
1127	From individuals to communities: How singleton invasive pine saplings lead to biodiversity change in the Brazilian Cerrado hotspot. <i>Journal of Vegetation Science</i> , 2018, 29, 824-834.	1.1	6

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1129	Effects of grasshoppers on prairies: Herbivore composition matters more than richness in three grassland ecosystems. <i>Journal of Animal Ecology</i> , 2018, 87, 1727-1737.	1.3	6
1130	Trait structure and functional diversity of periphytic algae in a floodplain conservation area. <i>Revista Brasileira De Botanica</i> , 2018, 41, 601-610.	0.5	5
1131	Plant identity, but not diversity, and agroecosystem characteristics affect the occurrence of <i>M. robertsii</i> in an organic cropping system. <i>Biological Control</i> , 2018, 124, 18-29.	1.4	12
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1133	Resource-mediated effects of grazing and irrigation on insect diversity in a meadow steppe. <i>Insect Conservation and Diversity</i> , 2019, 12, 29-38.	1.4	6
1134	Food Security and Food System Sustainability in North America. , 2019, , 126-133.		3
1135	Linking species abundance and overyielding from experimental communities with niche and fitness characteristics. <i>Journal of Ecology</i> , 2019, 107, 178-189.	1.9	6
1136	Species association in <i>Xanthoceras sorbifolium</i> Bunge communities and selection for agroforestry establishment. <i>Agroforestry Systems</i> , 2019, 93, 1531-1543.	0.9	6
1137	Anthropogenic threats can have cascading homogenizing effects on the phylogenetic and functional diversity of tropical ecosystems. <i>Ecography</i> , 2019, 42, 148-161.	2.1	28
1138	Using root traits to understand temporal changes in biodiversity effects in grassland mixtures. <i>Oikos</i> , 2019, 128, 208-220.	1.2	16
1139	Linking ecology and plant pathology to unravel the importance of soil-borne fungal pathogens in species-rich grasslands. <i>European Journal of Plant Pathology</i> , 2019, 154, 141-156.	0.8	42
1140	Plant species richness and functional groups have different effects on soil water content in a decade-long grassland experiment. <i>Journal of Ecology</i> , 2019, 107, 127-141.	1.9	69
1141	Interspecific competition among catch crops modifies vertical root biomass distribution and nitrate scavenging in soils. <i>Scientific Reports</i> , 2019, 9, 11531.	1.6	24
1142	Litter addition decreases plant diversity by suppressing seeding in a semiarid grassland, Northern China. <i>Ecology and Evolution</i> , 2019, 9, 9907-9915.	0.8	10
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1147	Why We're in the Sixth Great Extinction and What It Means to Humanity. , 2019, , 262-284.		6
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1150	Plant water uptake along a diversity gradient provides evidence for complementarity in hydrological niches. <i>Oikos</i> , 2019, 128, 1748-1760.	1.2	18
1151	Predominance of abiotic drivers in the relationship between species diversity and litterfall production in a tropical karst seasonal rainforest. <i>Forest Ecology and Management</i> , 2019, 449, 117452.	1.4	15
1152	Global evidence of positive biodiversity effects on spatial ecosystem stability in natural grasslands. <i>Nature Communications</i> , 2019, 10, 3207.	5.8	59
1153	How plant diversity impacts the coupled water, nutrient and carbon cycles. <i>Advances in Ecological Research</i> , 2019, 61, 185-219.	1.4	29
1154	Cover Crop Management Practices Rather Than Composition of Cover Crop Mixtures Affect Bacterial Communities in No-Till Agroecosystems. <i>Frontiers in Microbiology</i> , 2019, 10, 1618.	1.5	64
1155	Lost in trait space: species-poor communities are inflexible in properties that drive ecosystem functioning. <i>Advances in Ecological Research</i> , 2019, , 91-131.	1.4	14
1156	Productivity does not correlate with species and functional diversity in Australian reforestation plantings across a wide climate gradient. <i>Global Ecology and Biogeography</i> , 2019, 28, 1417-1429.	2.7	28
1157	Plant domestication disrupts biodiversity effects across major crop types. <i>Ecology Letters</i> , 2019, 22, 1472-1482.	3.0	25
1158	Differential Impacts of Emerald Ash Borer (<i>Agrilus planipennis</i> Fairmaire) on Forest Communities Containing Native Ash (<i>Fraxinus</i> spp.) Species in Eastern North America. <i>Forest Science</i> , 2019, , .	0.5	1
1159	Finite-Time Trajectory Tracking Control for Uncertain Underactuated Marine Surface Vessels. <i>IEEE Access</i> , 2019, 7, 102321-102330.	2.6	18
1160	Effects of Understorey Vegetation Management on Plant Communities in Oil Palm Plantations in Sumatra, Indonesia. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	1.0	38
1161	Plant Taxonomic Diversity Better Explains Soil Fungal and Bacterial Diversity than Functional Diversity in Restored Forest Ecosystems. <i>Plants</i> , 2019, 8, 479.	1.6	24
1162	Long-term impact of tylosin on fecal microbiota and fecal bile acids of healthy dogs. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 2605-2617.	0.6	67
1163	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
1164	Taking plant-soil feedbacks to the field in a temperate grassland. <i>Basic and Applied Ecology</i> , 2019, 40, 30-42.	1.2	17
1165	Functional similarity and competitive symmetry control productivity in mixtures of Mediterranean perennial grasses. <i>PLoS ONE</i> , 2019, 14, e0221667.	1.1	5
1166	Identification of flowers of <i>Musa nana</i> Lour., flowers of <i>Musa basjoo</i> Sieb. et Zucc and flowers of <i>Musa balbisiana</i> Colla by HPLC fingerprinting. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 267, 032078.	0.2	0

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1167	Non-trophic interactions strengthen the diversityâ€”functioning relationship in an ecological bioenergetic network model. <i>PLoS Computational Biology</i> , 2019, 15, e1007269.	1.5	19
1168	Understory plant communities vary with tree productivity in two reclaimed boreal upland forest types in Canada. <i>Forest Ecology and Management</i> , 2019, 453, 117577.	1.4	3
1169	The Economic Value of Biodiversity. <i>Annual Review of Resource Economics</i> , 2019, 11, 355-375.	1.5	29
1170	Common principles and best practices for engineering microbiomes. <i>Nature Reviews Microbiology</i> , 2019, 17, 725-741.	13.6	324
1171	Multiple facets of stream macroinvertebrate alpha diversity are driven by different ecological factors across an extensive altitudinal gradient. <i>Ecology and Evolution</i> , 2019, 9, 1306-1322.	0.8	34
1172	Increasing the benefits of species diversity in multispecies temporary grasslands by increasing within-species diversity. <i>Annals of Botany</i> , 2019, 123, 891-900.	1.4	21
1173	Effect of Increasing Species Diversity and Grazing Management on Pasture Productivity, Animal Performance, and Soil Carbon Sequestration of Re-Established Pasture in Canadian Prairie. <i>Animals</i> , 2019, 9, 127.	1.0	6
1174	Soil microbiome mediates positive plant diversityâ€”productivity relationships in late successional grassland species. <i>Ecology Letters</i> , 2019, 22, 1221-1232.	3.0	54
1175	Remote sensing of terrestrial plant biodiversity. <i>Remote Sensing of Environment</i> , 2019, 231, 111218.	4.6	209
1176	Exploring the relationships between aquatic macrophyte functional traits and anthropogenic pressures in freshwater lakes. <i>Acta Oecologica</i> , 2019, 99, 103443.	0.5	17
1177	Biocontrol in insecticide sprayed crops does not benefit from semiâ€”natural habitats and recovers slowly after spraying. <i>Journal of Applied Ecology</i> , 2019, 56, 2176-2185.	1.9	22
1178	Do we need specific breeding for legume-based mixtures?. <i>Advances in Agronomy</i> , 2019, , 141-215.	2.4	49
1179	Testing the effects of plant species loss on multiple ecosystem functions based on extinction scenarios. <i>Basic and Applied Ecology</i> , 2019, 38, 13-22.	1.2	4
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1181	Three Tibetan grassland plant species tend to partition niches with limited plasticity in nitrogen use. <i>Plant and Soil</i> , 2019, 441, 601-611.	1.8	16
1182	Weed Control Ability of Single Sown Cover Crops Compared to Species Mixtures. <i>Agronomy</i> , 2019, 9, 294.	1.3	24
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1188	Biodiversity and agriculture. , 2019, , 39-59.		1
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1190	Meta-analysis shows positive effects of plant diversity on microbial biomass and respiration. <i>Nature Communications</i> , 2019, 10, 1332.	5.8	184
1191	Enduring effects of large legumes and phosphorus fertiliser on jarrah forest restoration 15 years after bauxite mining. <i>Forest Ecology and Management</i> , 2019, 438, 204-214.	1.4	15
1192	Relationships between plant traits, soil properties and carbon fluxes differ between monocultures and mixed communities in temperate grassland. <i>Journal of Ecology</i> , 2019, 107, 1704-1719.	1.9	56
1193	Plant growth promoting bacteria in agriculture: Two sides of a coin. <i>Applied Soil Ecology</i> , 2019, 138, 10-18.	2.1	174
1194	Carbon Cycle Implications of Soil Microbial Interactions. <i>Advances in Environmental Microbiology</i> , 2019, , 1-29.	0.1	0
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1197	A natural algal polyculture outperforms an assembled polyculture in wastewater-based open pond biofuel production. <i>Algal Research</i> , 2019, 40, 101488.	2.4	13
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1199	Mechanisms of Coexistence. , 2019, , 66-104.		1
1200	Community-Level Processes. , 2019, , 105-159.		0
1201	Assembly Rules. , 2019, , 160-222.		0
1202	Theories and Their Predictions. , 2019, , 223-264.		0
1204	Large-sized rare tree species contribute disproportionately to functional diversity in resource acquisition in African tropical forest. <i>Ecology and Evolution</i> , 2019, 9, 4349-4361.	0.8	13

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1206	Elucidating space, climate, edaphic, and biodiversity effects on aboveground biomass in tropical forests. <i>Land Degradation and Development</i> , 2019, 30, 918-927.	1.8	20
1207	Toward more robust plant–soil feedback research: Comment. <i>Ecology</i> , 2019, 100, e02590.	1.5	19
1208	Grasslands are more important for ecosystem services than you might think. <i>Ecosphere</i> , 2019, 10, e02582.	1.0	476
1209	Tree species diversity facilitates conservation efforts of European yew. <i>Biodiversity and Conservation</i> , 2019, 28, 791-810.	1.2	8
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1211	Transcriptomic analysis reveals adaptive strategies to chronic low nitrogen in Tibetan wild barley. <i>BMC Plant Biology</i> , 2019, 19, 68.	1.6	22
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1213	Stability of grassland production is robust to changes in the consumer food web. <i>Ecology Letters</i> , 2019, 22, 707-716.	3.0	20
1214	Both mass ratio effects and community diversity drive biomass production in a grassland experiment. <i>Scientific Reports</i> , 2019, 9, 1848.	1.6	37
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1217	Assessment of congruence between co-occurrence and functional networks: A new framework for revealing community assembly rules. <i>Scientific Reports</i> , 2019, 9, 19996.	1.6	4
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1220	The Influence of Tree Structural and Species Diversity on Temperate Forest Productivity and Stability in Korea. <i>Forests</i> , 2019, 10, 1113.	0.9	14
1221	Evaluation of temporal changes in hydrostructural properties of regenerating permanent grassland soils based on shrinkage properties and $\frac{1}{4}$ CT analysis. <i>Soil and Tillage Research</i> , 2019, 185, 102-112.	2.6	17
1222	Sources of resistance in <i>Musa</i> to <i>Xanthomonas campestris</i> pv. <i>musacearum</i> , the causal agent of banana xanthomonas wilt. <i>Plant Pathology</i> , 2019, 68, 49-59.	1.2	23

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1224	Drivers of tree carbon storage in subtropical forests. <i>Science of the Total Environment</i> , 2019, 654, 684-693.	3.9	65
1225	Legacies of afforestation on soil nematode community composition, structure, and diversity in a northern Canadian prairie. <i>Plant and Soil</i> , 2019, 435, 437-447.	1.8	11
1226	Trait-based ecology of terrestrial arthropods. <i>Biological Reviews</i> , 2019, 94, 999-1022.	4.7	151
1227	Gross, Background, and Net Anthropogenic Soil Nitrous Oxide Emissions from Soybean, Corn, and Wheat Croplands. <i>Journal of Environmental Quality</i> , 2019, 48, 16-23.	1.0	14
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1229	Flower-visitor communities of an arctic-alpine plant: Global patterns in species richness, phylogenetic diversity and ecological functioning. <i>Molecular Ecology</i> , 2019, 28, 318-335.	2.0	15
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1231	Elevational patterns and hierarchical determinants of biodiversity across microbial taxonomic scales. <i>Molecular Ecology</i> , 2019, 28, 86-99.	2.0	34
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1236	Enhanced agricultural sustainability through within-species diversification. <i>Nature Sustainability</i> , 2019, 2, 46-52.	11.5	63
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1240	Using Crop Diversity and Conservation Cropping to Develop More Sustainable Arable Cropping Systems. , 2019, , 93-108.		5

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1242	Simulating eutrophication in a metacommunity landscape: an aquatic model ecosystem. <i>Oecologia</i> , 2019, 189, 461-474.	0.9	9
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1245	The Future of Complementarity: Disentangling Causes from Consequences. <i>Trends in Ecology and Evolution</i> , 2019, 34, 167-180.	4.2	246
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1247	How do mixing tree species and stand density affect seasonal radial growth during drought events?. <i>Forest Ecology and Management</i> , 2019, 432, 436-445.	1.4	31
1248	Functional Diversity of Plant Endophytes and Their Role in Assisted Phytoremediation. , 2020, , 237-255.		3
1249	Resource fluctuation patterns influence emergent properties of phytoplankton assemblages and their resistance to harmful algal blooms. <i>Marine and Freshwater Research</i> , 2020, 71, 56.	0.7	3
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1252	Limited evidence for spatial resource partitioning across temperate grassland biodiversity experiments. <i>Ecology</i> , 2020, 101, e02905.	1.5	40
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1257	Soil nutrients, forest structure and species traits drive aboveground carbon dynamics in an old-growth temperate forest. <i>Science of the Total Environment</i> , 2020, 705, 135874.	3.9	7
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1261	Revegetation of a barren rare earth mine using native plant species in reciprocal plantation: effect of phytoremediation on soil microbiological communities. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2107-2119.	2.7	20
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1266	Multivariate relationships between litter productivity and its drivers in a tropical karst seasonal rainforest. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2020, 273, 151728.	0.6	4
1267	Designing Diverse Agricultural Pastures for Improving Ruminant Production Systems. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	28
1268	Aboveâ€“belowground linkages of functionally dissimilar plant communities and soil properties in a grassland experiment. <i>Ecosphere</i> , 2020, 11, e03246.	1.0	7
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1271	Bioenergy Potential and Greenhouse Gas Emissions from Intensifying European Temporary Grasslands. <i>Land</i> , 2020, 9, 457.	1.2	6
1272	Reference state and benchmark concepts for better biodiversity conservation in contemporary ecosystems. <i>Global Change Biology</i> , 2020, 26, 6702-6714.	4.2	47
1273	Multifaceted functional diversity for multifaceted crop yield: Towards ecological assembly rules for varietal mixtures. <i>Journal of Applied Ecology</i> , 2020, 57, 2285-2295.	1.9	22
1274	Arbuscular mycorrhizal symbiosis increases phosphorus uptake and productivity of mixtures of maize varieties compared to monocultures. <i>Journal of Applied Ecology</i> , 2020, 57, 2203-2211.	1.9	20
1275	Confronting an individual-based simulation model with empirical community patterns of grasslands. <i>PLoS ONE</i> , 2020, 15, e0236546.	1.1	8
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1279	Land Cover Classification using Google Earth Engine and Random Forest Classifier – The Role of Image Composition. <i>Remote Sensing</i> , 2020, 12, 2411.	1.8	224
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1282	Factors Affecting Yield of Crops. , 0, , .		78
1283	Drivers of total and pathogenic soil-borne fungal communities in grassland plant species. <i>Fungal Ecology</i> , 2020, 48, 100987.	0.7	24
1284	Plant diversity decreases potential nitrous oxide emissions from restored agricultural soil. <i>Pedobiologia</i> , 2020, 83, 150670.	0.5	3
1285	Diversity-dependent soil acidification under nitrogen enrichment constrains biomass productivity. <i>Global Change Biology</i> , 2020, 26, 6594-6603.	4.2	31
1286	Characterization of wheat leaf rust pathogen (<i>Puccinia triticina</i>) in some parts of Ethiopia and seedling evaluation of durum wheat (<i>Triticum turgidum</i>) cultivars to the pathogen. <i>African Journal of Agricultural Research Vol Pp</i> , 2020, 15, 291-296.	0.2	2
1287	Chronic nitrogen addition differentially affects gross nitrogen transformations in alpine and temperate grassland soils. <i>Soil Biology and Biochemistry</i> , 2020, 149, 107962.	4.2	29
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1290	Testing the impact of community composition on the productivity of a cool temperate eucalypt forest: the Australian Forest Evenness Experiment (AFEX). <i>Australian Journal of Botany</i> , 2020, 68, 310.	0.3	5
1291	Altered tropical seascapes influence patterns of fish assemblage and ecological functions in the Western Indian Ocean. <i>Scientific Reports</i> , 2020, 10, 12479.	1.6	1
1292	A landscape-scale assessment of the relationship between grassland functioning, community diversity, and functional traits. <i>Ecology and Evolution</i> , 2020, 10, 9906-9919.	0.8	8
1293	Productive Capacity of Biodiversity: Crop Diversity and Permanent Grasslands in Northwestern France. <i>Environmental and Resource Economics</i> , 2020, 77, 365-399.	1.5	3
1294	Does the use of biological traits predict a smooth landscape of ecosystem functioning?. <i>Ecology and Evolution</i> , 2020, 10, 10395-10407.	0.8	7
1295	Impairment of microbial and meiofaunal ecosystem functions linked to algal forest loss. <i>Scientific Reports</i> , 2020, 10, 19970.	1.6	11

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1297	Co-planting of <i>Salix interior</i> and <i>Trifolium pratense</i> for phytoremediation of trace elements from wood preservative contaminated soil. <i>International Journal of Phytoremediation</i> , 2021, 23, 1-9.	1.7	5
1298	Influence of Annual Plant Diversity on Forage Productivity and Nutrition, Soil Chemistry, and Soil Microbial Communities. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	7
1299	Economic and stochastic efficiency analysis of alternative cover crop systems in Louisiana. <i>Experimental Agriculture</i> , 2020, 56, 651-661.	0.4	5
1300	Biodiversity enhances the multitrophic control of arthropod herbivory. <i>Science Advances</i> , 2020, 6, .	4.7	68
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1304	Differential thermal tolerance between algae and corals may trigger the proliferation of algae in coral reefs. <i>Global Change Biology</i> , 2020, 26, 4316-4327.	4.2	42
1305	Effects of Prey Distribution and Heterospecific Interactions on the Functional Response of <i>Harmonia axyridis</i> and <i>Aphidius gifuensis</i> to <i>Myzus persicae</i> . <i>Insects</i> , 2020, 11, 325.	1.0	5
1306	Sick plants in grassland communities: a growthâ€defense tradeâ€off is the main driver of fungal pathogen abundance. <i>Ecology Letters</i> , 2020, 23, 1349-1359.	3.0	68
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1309	Microbiomes of soils. , 2020, , 29-54.		2
1310	Mixed Plantations of Eucalyptus and Leguminous Trees. , 2020, , .		3
1311	Functional diversity patterns of macrofauna in the adjacent waters of the Yangtze River Estuary. <i>Marine Pollution Bulletin</i> , 2020, 154, 111032.	2.3	25
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1315	Forest strata-dependent effects of vegetation attributes and soil nutrients on decadal changes in aboveground net carbon stock in two temperate forests. <i>Catena</i> , 2020, 194, 104776.	2.2	7
1316	Optimizing yield and flower resources for pollinators in intensively managed multi-species grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2020, 302, 107062.	2.5	15
1317	Drought tolerance is determined by species identity and functional group diversity rather than by species diversity within multi-species swards. <i>European Journal of Agronomy</i> , 2020, 119, 126116.	1.9	15
1318	Evaluation of pulse crops' functional diversity supporting food production. <i>Scientific Reports</i> , 2020, 10, 3416.	1.6	4
1319	Exploration of the Relationship Between Gut Microbiota and Polycystic Ovary Syndrome (PCOS): a Review. <i>Geburtshilfe Und Frauenheilkunde</i> , 2020, 80, 161-171.	0.8	61
1320	Climatic humidity mediates the strength of the species richness-biomass relationship on the Mongolian Plateau steppe. <i>Science of the Total Environment</i> , 2020, 718, 137252.	3.9	34
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1322	Biodiversity increases multitrophic energy use efficiency, flow and storage in grasslands. <i>Nature Ecology and Evolution</i> , 2020, 4, 393-405.	3.4	45
1323	Scientists' warning to humanity on insect extinctions. <i>Biological Conservation</i> , 2020, 242, 108426.	1.9	458
1324	Diverse Swards and Mixed-Grazing of Cattle and Sheep for Improved Productivity. <i>Frontiers in Sustainable Food Systems</i> , 2020, 3, .	1.8	27
1325	Shifts in functional compositions predict desired multifunctionality along fragmentation intensities in an alpine grassland. <i>Ecological Indicators</i> , 2020, 112, 106095.	2.6	17
1326	Common patterns of functional and biotic indices in response to multiple stressors in marine harbours ecosystems. <i>Environmental Pollution</i> , 2020, 259, 113959.	3.7	25
1327	Community diversity outweighs effect of warming on plant colonization. <i>Global Change Biology</i> , 2020, 26, 3079-3090.	4.2	17
1328	On the functional relationship between biodiversity and economic value. <i>Science Advances</i> , 2020, 6, eaax7712.	4.7	47
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1330	Vegetation change over seven years in the largest protected Pacific Northwest Bunchgrass Prairie remnant. <i>PLoS ONE</i> , 2020, 15, e0227337.	1.1	11
1331	White clover population effects on the productivity and yield stability of mixtures with perennial ryegrass and chicory. <i>Field Crops Research</i> , 2020, 252, 107802.	2.3	10

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1333	Plant diversity enhances the reclamation of degraded lands by stimulating plant–soil feedbacks. <i>Journal of Applied Ecology</i> , 2020, 57, 1258-1270.	1.9	22
1334	Diazotrophs Show Signs of Restoration in Amazon Rain Forest Soils with Ecosystem Rehabilitation. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	11
1335	Synergetic use of in situ and hyperspectral data for mapping species diversity and above ground biomass in Shoolpaneshwar Wildlife Sanctuary, Gujarat. <i>Tropical Ecology</i> , 2020, 61, 106-115.	0.6	14
1336	Functional identity enhances aboveground productivity of a coastal saline meadow mediated by <i>Tamarix chinensis</i> in Laizhou Bay, China. <i>Scientific Reports</i> , 2020, 10, 5826.	1.6	3
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1727	Phosphorus addition decreases soil fungal richness and alters fungal guilds in two tropical forests. <i>Soil Biology and Biochemistry</i> , 2022, 175, 108836.	4.2	12
1728	Recent scenario of agricultural contaminants on water resources. <i>Current Directions in Water Scarcity Research</i> , 2022, , 225-246.	0.2	0
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