

Biodiversity effects in the wild are common and as strong

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Opportunities for research on mountain biodiversity under global change. <i>Current Opinion in Environmental Sustainability</i> , 2017, 29, 40-47.	3.1	60
2	Managed Multi-strata Tree + Crop Systems: An Agroecological Marvel. <i>Frontiers in Environmental Science</i> , 0, 5, .	1.5	17
3	Biodiversity ecosystem functioning research in freshwater phytoplankton: A comprehensive review of trait-based studies. <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.2	6
4	Heterogeneity in Nitrogen Sources Enhances Productivity and Nutrient Use Efficiency in Algal Polycultures. <i>Environmental Science & Technology</i> , 2018, 52, 3769-3776.	4.6	17
5	Plant functional diversity modulates global environmental change effects on grassland productivity. <i>Journal of Ecology</i> , 2018, 106, 1941-1951.	1.9	61
6	Satellite sensor requirements for monitoring essential biodiversity variables of coastal ecosystems. <i>Ecological Applications</i> , 2018, 28, 749-760.	1.8	116
7	Dominance of individual plant species is more important than diversity in explaining plant biomass in the forest understorey. <i>Journal of Vegetation Science</i> , 2018, 29, 521-531.	1.1	24
8	Quantifying effects of biodiversity on ecosystem functioning across times and places. <i>Ecology Letters</i> , 2018, 21, 763-778.	3.0	157
9	Genotype identity has a more important influence than genotype diversity on shoot biomass productivity in willow short-rotation coppices. <i>GCB Bioenergy</i> , 2018, 10, 534-547.	2.5	21
10	A million and more trees for science. <i>Nature Ecology and Evolution</i> , 2018, 2, 763-766.	3.4	90
11	Positive species mixture effects on fine root turnover and mortality in natural boreal forests. <i>Soil Biology and Biochemistry</i> , 2018, 121, 130-137.	4.2	33
12	Exploiting ecosystem services in agriculture for increased food security. <i>Global Food Security</i> , 2018, 17, 57-63.	4.0	84
13	How does habitat fragmentation affect the biodiversity and ecosystem functioning relationship?. <i>Landscape Ecology</i> , 2018, 33, 341-352.	1.9	72
14	Consistent effects of biodiversity loss on multifunctionality across contrasting ecosystems. <i>Nature Ecology and Evolution</i> , 2018, 2, 269-278.	3.4	136
15	Effects of oil exposure, plant species composition, and plant genotypic diversity on salt marsh and mangrove assemblages. <i>Ecosphere</i> , 2018, 9, e02207.	1.0	13
16	Leaf herbivory is more impacted by forest composition than by tree diversity or edge effects. <i>Basic and Applied Ecology</i> , 2018, 29, 79-88.	1.2	13
17	A biodiversity survey of scavenging amphipods in a proposed marine protected area: the Filchner area in the Weddell Sea, Antarctica. <i>Polar Biology</i> , 2018, 41, 1371-1390.	0.5	2
18	Plant diversity effects on arthropods and arthropod-dependent ecosystem functions in a biodiversity experiment. <i>Basic and Applied Ecology</i> , 2018, 26, 50-63.	1.2	84

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19	Inclusion of Biodiversity in Habitat Restoration Policy to Facilitate Ecosystem Recovery. Conservation Letters, 2018, 11, e12419.	2.8	24
20	Vegetation Cover Development Resulting from Different Restoration Approaches of Exploited Mines. Floresta E Ambiente, 2018, 25, .	0.1	8
21	Covariation between tree size and shade tolerance modulates mixed-forest productivity. Annals of Forest Science, 2018, 75, 1.	0.8	7
22	Is the future of agriculture perennial? Imperatives and opportunities to reinvent agriculture by shifting from annual monocultures to perennial polycultures. Global Sustainability, 2018, 1, .	1.6	135
23	Tropical tree diversity mediates foraging and predatory effects of insectivorous birds. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181842.	1.2	24
24	Functional-biogeography of the reef fishes of the islands of the Gulf of California: Integrating functional divergence into marine conservation. Global Ecology and Conservation, 2018, 16, e00506.	1.0	14
25	Mixed effects of climate variation on the scots pine forests: Age and species mixture matter. Dendrochronologia, 2018, 52, 48-56.	1.0	4
26	Model Microbial Consortia as Tools for Understanding Complex Microbial Communities. Current Genomics, 2018, 19, 723-733.	0.7	22
27	Neighbor Diversity Regulates the Productivity of Coral Assemblages. Current Biology, 2018, 28, 3634-3639.e3.	1.8	28
28	Global mismatch of policy and research on drivers of biodiversity loss. Nature Ecology and Evolution, 2018, 2, 1071-1074.	3.4	152
29	Empowering peer reviewers with a checklist to improve transparency. Nature Ecology and Evolution, 2018, 2, 929-935.	3.4	26
30	Long-term effects of species loss on community properties across contrasting ecosystems. Nature, 2018, 557, 710-713.	13.7	75
31	Ecological Engineering Helps Maximize Function in Algal Oil Production. Applied and Environmental Microbiology, 2018, 84, .	1.4	6
32	Biodiversityâ€ecosystem functioning relationships in a longâ€term nonâ€weeded field experiment. Ecology, 2018, 99, 1836-1846.	1.5	24
33	Carbon Sequestration in Grassland Soils. , 2018, , 175-209.		23
34	Î²-Diversity, Community Assembly, and Ecosystem Functioning. Trends in Ecology and Evolution, 2018, 33, 549-564.	4.2	374
35	Competition and coexistence in plant communities: intraspecific competition is stronger than interspecific competition. Ecology Letters, 2018, 21, 1319-1329.	3.0	283
36	Tree Endophytes: Cryptic Drivers of Tropical Forest Diversity. Forestry Sciences, 2018, , 63-103.	0.4	24

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38	Decadal stability in genetic variation and structure in the intertidal seaweed <i>Fucus serratus</i> (Heterokontophyta: Fucaceae). <i>BMC Evolutionary Biology</i> , 2018, 18, 94.	3.2	10
39	Drivers of Microbiome Biodiversity: A Review of General Rules, Feces, and Ignorance. <i>MBio</i> , 2018, 9, .	1.8	230
40	Community-wide scan identifies fish species associated with coral reef services across the Indo-Pacific. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181167.	1.2	13
41	Mycorrhiza in tree diversityâ€ecosystem function relationships: conceptual framework and experimental implementation. <i>Ecosphere</i> , 2018, 9, e02226.	1.0	49
42	Biodiversity estimates and ecological interpretations of meiofaunal communities are biased by the taxonomic approach. <i>Communications Biology</i> , 2018, 1, 112.	2.0	28
43	Ecosystem context illuminates conflicting roles of plant diversity in carbon storage. <i>Ecology Letters</i> , 2018, 21, 1604-1619.	3.0	50
44	Species richness effects on the vegetative expansion of transplanted seagrass in Indonesia. <i>Botanica Marina</i> , 2018, 61, 205-211.	0.6	10
45	Functional divergence in nitrogen uptake rates explains diversityâ€productivity relationship in microalgal communities. <i>Ecosphere</i> , 2018, 9, e02228.	1.0	24
46	The strength of the biodiversityâ€ecosystem function relationship depends on spatial scale. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180038.	1.2	82
47	Long term effect of nitrogen addition on understory community in a Chinese boreal forest. <i>Science of the Total Environment</i> , 2019, 646, 989-995.	3.9	17
48	Foodâ€web structure varies along environmental gradients in a highâ€latitude marine ecosystem. <i>Ecography</i> , 2019, 42, 295-308.	2.1	87
49	Using conservation science to advance corporate biodiversity accountability. <i>Conservation Biology</i> , 2019, 33, 307-318.	2.4	58
50	Biodiversityâ€ecosystem functioning relationships in fish communities: biomass is related to evenness and the environment, not to species richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191189.	1.2	58
51	Public Participation in Biodiversity Conservation of Chinese Nature Reserves. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 295, 012050.	0.2	0
52	Potential grazing indicator forbs for two mesic grasslands in South Africa. <i>Ecological Indicators</i> , 2019, 107, 105611.	2.6	9
53	Diversity-triggered deterministic bacterial assembly constrains community functions. <i>Nature Communications</i> , 2019, 10, 3833.	5.8	232
54	Niche dimensionality and herbivory control stream algal biomass via shifts in guild composition, richness, and evenness. <i>Ecology</i> , 2019, 100, e02831.	1.5	15
55	Transferring biodiversity-ecosystem function research to the management of â€real-worldâ€™ ecosystems. <i>Advances in Ecological Research</i> , 2019, 61, 323-356.	1.4	51

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56	Plant water uptake along a diversity gradient provides evidence for complementarity in hydrological niches. <i>Oikos</i> , 2019, 128, 1748-1760.	1.2	18
57	Impact of Increased Genotype or Species Diversity in Short Rotation Coppice on Biomass Production and Wood Characteristics. <i>Bioenergy Research</i> , 2019, 12, 497-508.	2.2	8
58	Biodiversity and thermal ecological function: The influence of freshwater algal diversity on local thermal environments. <i>Ecology and Evolution</i> , 2019, 9, 6949-6958.	0.8	1
59	Global evidence of positive biodiversity effects on spatial ecosystem stability in natural grasslands. <i>Nature Communications</i> , 2019, 10, 3207.	5.8	59
60	A multitrophic perspective on biodiversityâ€™ecosystem functioning research. <i>Advances in Ecological Research</i> , 2019, 61, 1-54.	1.4	95
61	A new experimental approach to test why biodiversity effects strengthen as ecosystems age. <i>Advances in Ecological Research</i> , 2019, , 221-264.	1.4	21
62	Editorial: Cancer Ecosystems. <i>Frontiers in Oncology</i> , 2019, 9, 718.	1.3	10
63	Coral reef ecosystem functioning: eight core processes and the role of biodiversity. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 445-454.	1.9	175
64	Not even wrong: Comment by Wagg etÂal.. <i>Ecology</i> , 2019, 100, e02805.	1.5	8
65	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
67	Rapid reorganization of global biodiversity. <i>Science</i> , 2019, 366, 308-309.	6.0	26
68	Water availability regulates negative effects of species mixture on soil microbial biomass in boreal forests. <i>Soil Biology and Biochemistry</i> , 2019, 139, 107634.	4.2	11
69	Economic value of protected areas via visitor mental health. <i>Nature Communications</i> , 2019, 10, 5005.	5.8	86
70	Host-associated microbiomes drive structure and function of marine ecosystems. <i>PLoS Biology</i> , 2019, 17, e3000533.	2.6	103
71	How do trees respond to species mixing in experimental compared to observational studies?. <i>Ecology and Evolution</i> , 2019, 9, 11254-11265.	0.8	8
72	Phytoplankton Diversity Relates Negatively with Productivity in Tropical High-Altitude Lakes from Southern Ecuador. <i>Sustainability</i> , 2019, 11, 5235.	1.6	4
73	Traitâ€based approach to monitoring marine benthic data along 500 km of coastline. <i>Diversity and Distributions</i> , 2019, 25, 1879-1896.	1.9	35
74	The Origin, Succession, and Predicted Metabolism of Bacterial Communities Associated with Leaf Decomposition. <i>MBio</i> , 2019, 10, .	1.8	9

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75	Impacts of forest management on tree species richness and composition: Assessment of forest management regimes in Tarai landscape Nepal. <i>Applied Geography</i> , 2019, 111, 102078.	1.7	30
76	Reefs need richness. <i>Nature Ecology and Evolution</i> , 2019, 3, 149-150.	3.4	3
77	Landscape context explains ecosystem multifunctionality in restored grasslands better than plant diversity. <i>Ecology</i> , 2019, 100, e02634.	1.5	57
78	Spatio-temporal microbial community dynamics within soil aggregates. <i>Soil Biology and Biochemistry</i> , 2019, 132, 58-68.	4.2	98
79	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
80	Environmental performance of agroforestry systems in the Cerrado biome, Brazil. <i>World Development</i> , 2019, 122, 339-348.	2.6	20
81	Grazing Exclusion, a Choice between Biomass Growth and Species Diversity Maintenance in Beijing's Tianjin Sand Source Control Project. <i>Sustainability</i> , 2019, 11, 1941.	1.6	7
82	Countryside Biogeography: the Controls of Species Distributions in Human-Dominated Landscapes. <i>Current Landscape Ecology Reports</i> , 2019, 4, 15-30.	1.1	19
83	Synthesizing the effects of large, wild herbivore exclusion on ecosystem function. <i>Functional Ecology</i> , 2019, 33, 1597-1610.	1.7	77
84	Responses of grasslands to experimental warming. , 2019, , 347-384.		1
85	ENSO and NAO affect long-term leaf litter dynamics and stoichiometry of Scots pine and European beech mixedwoods. <i>Global Change Biology</i> , 2019, 25, 3070-3090.	4.2	22
86	Linkage between tree species richness and soil microbial diversity improves phosphorus bioavailability. <i>Functional Ecology</i> , 2019, 33, 1549-1560.	1.7	81
87	Climate and land-use change homogenise terrestrial biodiversity, with consequences for ecosystem functioning and human well-being. <i>Emerging Topics in Life Sciences</i> , 2019, 3, 207-219.	1.1	59
88	Meta-analysis shows positive effects of plant diversity on microbial biomass and respiration. <i>Nature Communications</i> , 2019, 10, 1332.	5.8	184
89	Linking biodiversity, ecosystem services, and beneficiaries of tropical dry forests of Latin America: Review and new perspectives. <i>Ecosystem Services</i> , 2019, 36, 100909.	2.3	20
90	Tropical fish diversity enhances coral reef functioning across multiple scales. <i>Science Advances</i> , 2019, 5, eaav6420.	4.7	69
91	Demystifying dominant species. <i>New Phytologist</i> , 2019, 223, 1106-1126.	3.5	125
92	Modelling biodiversity change in agricultural landscape scenarios - A review and prospects for future research. <i>Biological Conservation</i> , 2019, 235, 1-17.	1.9	18

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93	Land-sparing agriculture sustains higher levels of avian functional diversity than land sharing. <i>Global Change Biology</i> , 2019, 25, 1576-1590.	4.2	46
94	Biodiversity and ecosystem functioning in naturally assembled communities. <i>Biological Reviews</i> , 2019, 94, 1220-1245.	4.7	403
95	Glyphosate as a Tool for the Incorporation of New Herbicide Options in Integrated Weed Management in Maize: A Weed Dynamics Evaluation. <i>Agronomy</i> , 2019, 9, 876.	1.3	6
96	Water availability drives aboveground biomass and bird richness in forest restoration plantings to achieve carbon and biodiversity cobenefits. <i>Ecology and Evolution</i> , 2019, 9, 14379-14393.	0.8	6
97	On the use of observational data in studying biodiversity-productivity relationships in forests. <i>Forestry Chronicle</i> , 2019, 95, 24-28.	0.5	1
98	The impact of rising CO ₂ and acclimation on the response of US forests to global warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25734-25744.	3.3	105
99	Biodiversity's contributions to sustainable development. <i>Nature Sustainability</i> , 2019, 2, 1083-1093.	11.5	109
100	The Antarctic fish <i>Harpagifer antarcticus</i> under current temperatures and salinities and future scenarios of climate change. <i>Progress in Oceanography</i> , 2019, 174, 37-43.	1.5	31
101	Strategic approaches to restoring ecosystems can triple conservation gains and halve costs. <i>Nature Ecology and Evolution</i> , 2019, 3, 62-70.	3.4	199
102	Relationships between plant diversity and biomass production of alpine grasslands are dependent on the spatial scale and the dimension of biodiversity. <i>Ecological Engineering</i> , 2019, 127, 375-382.	1.6	49
103	Phylogenetic diversity correlated with aboveground biomass production during forest succession: Evidence from tropical forests in Southeast Asia. <i>Journal of Ecology</i> , 2019, 107, 1419-1432.	1.9	32
104	Developing an observational design for epibenthos and fish assemblages in the Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 162, 180-190.	0.6	16
105	Wood decomposition is more strongly controlled by temperature than by tree species and decomposer diversity in highly species rich subtropical forests. <i>Oikos</i> , 2019, 128, 701-715.	1.2	36
106	Functionally richer communities improve ecosystem functioning: Dung removal and secondary seed dispersal by dung beetles in the Western Palaearctic. <i>Journal of Biogeography</i> , 2019, 46, 70-82.	1.4	45
107	Plant diversity loss reduces soil respiration across terrestrial ecosystems. <i>Global Change Biology</i> , 2019, 25, 1482-1492.	4.2	61
108	Corporate biodiversity accounting and reporting in mega-diverse countries: An examination of indicators disclosed in sustainability reports. <i>Ecological Indicators</i> , 2019, 98, 888-901.	2.6	47
109	Species delimitation in endangered groundwater salamanders: Implications for aquifer management and biodiversity conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2624-2633.	3.3	74
110	The developing relationship between the study of fungal communities and community ecology theory. <i>Fungal Ecology</i> , 2019, 39, 393-402.	0.7	15

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111	An Evolutionary Perspective on Industrial and Sustainable Agriculture. , 2019, , 425-433.		7
112	Impacts of grazing exclusion on productivity partitioning along regional plant diversity and climatic gradients in Tibetan alpine grasslands. <i>Journal of Environmental Management</i> , 2019, 231, 635-645.	3.8	34
113	Molecular Approaches for an Operational Marine Biodiversity Observation Network. , 2019, , 613-631.		5
114	The community and ecosystem consequences of intraspecific diversity: a meta-analysis. <i>Biological Reviews</i> , 2019, 94, 648-661.	4.7	187
115	Different ecological mechanisms lead to similar grazer controls on the functioning of periphyton Antarctic and sub-Antarctic communities. <i>Progress in Oceanography</i> , 2019, 174, 7-16.	1.5	9
116	Effects of plant diversity on soil carbon in diverse ecosystems: a global meta-analysis. <i>Biological Reviews</i> , 2020, 95, 167-183.	4.7	107
117	The effect of species diversity on tree growth varies during forest succession in the boreal forest of central Canada. <i>Forest Ecology and Management</i> , 2020, 455, 117641.	1.4	26
118	Terrestrial land-cover type richness is positively linked to landscape-level functioning. <i>Nature Communications</i> , 2020, 11, 154.	5.8	37
119	Neighbourhood diversity mitigates drought impacts on tree growth. <i>Journal of Ecology</i> , 2020, 108, 865-875.	1.9	41
120	Designing a network of green infrastructure for the EU. <i>Landscape and Urban Planning</i> , 2020, 196, 103732.	3.4	38
121	Improving/maintaining water-use efficiency and yield of wheat by deficit irrigation: A global meta-analysis. <i>Agricultural Water Management</i> , 2020, 228, 105906.	2.4	77
122	Green Criminology and Environmental Crime: Criminology That Matters in the Age of Global Ecological Collapse. <i>Journal of White Collar and Corporate Crime</i> , 2020, 1, 50-61.	0.6	30
123	Changes in plant species richness distribution in Tibetan alpine grasslands under different precipitation scenarios. <i>Global Ecology and Conservation</i> , 2020, 21, e00848.	1.0	21
124	Species dominance rather than species asynchrony determines the temporal stability of productivity in four subtropical forests along 30 years of restoration. <i>Forest Ecology and Management</i> , 2020, 457, 117687.	1.4	12
125	High ecosystem service delivery potential of small woodlands in agricultural landscapes. <i>Journal of Applied Ecology</i> , 2020, 57, 4-16.	1.9	46
126	Mass ratio effects underlie ecosystem responses to environmental change. <i>Journal of Ecology</i> , 2020, 108, 855-864.	1.9	31
127	How does forest management affect fungal diversity and community composition? Current knowledge and future perspectives for the conservation of forest fungi. <i>Forest Ecology and Management</i> , 2020, 457, 117678.	1.4	100
128	Global evapotranspiration hiatus explained by vegetation structural and physiological controls. <i>Ecological Engineering</i> , 2020, 158, 106046.	1.6	4

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129	Effects of mammal defaunation on natural ecosystem services and human well being throughout the entire Neotropical realm. <i>Ecosystem Services</i> , 2020, 45, 101173.	2.3	29
130	Restoring Abandoned Farmland to Mitigate Climate Change on a Full Earth. <i>One Earth</i> , 2020, 3, 176-186.	3.6	60
131	Testing the diversityâ€“biomass relationship in riverine fish communities. <i>Global Ecology and Biogeography</i> , 2020, 29, 1743-1757.	2.7	8
132	Optimizing the Tending of Forest Stands with Interactive Decision Maps to Balance the Financial Incomes and Ecological Risks according to Owner Demands: Case Study in RakovnÃk, the Czech Republic. <i>Forests</i> , 2020, 11, 730.	0.9	2
133	Extreme environmental conditions reduce coral reef fish biodiversity and productivity. <i>Nature Communications</i> , 2020, 11, 3832.	5.8	42
134	Blind spots in global soil biodiversity and ecosystem function research. <i>Nature Communications</i> , 2020, 11, 3870.	5.8	192
135	A crossâ€“scale assessment of productivityâ€“diversity relationships. <i>Global Ecology and Biogeography</i> , 2020, 29, 1940-1955.	2.7	35
136	Extreme seascape drives local recruitment and genetic divergence in brooding and spawning corals in remote northâ€“west Australia. <i>Evolutionary Applications</i> , 2020, 13, 2404-2421.	1.5	25
137	Global correlates of terrestrial and marine coverage by protected areas on islands. <i>Nature Communications</i> , 2020, 11, 4438.	5.8	8
138	The results of biodiversityâ€“ecosystem functioning experiments are realistic. <i>Nature Ecology and Evolution</i> , 2020, 4, 1485-1494.	3.4	93
139	Strong positively diversityâ€“productivity relationships in the natural sub-alpine meadow communities across time are up to superior performers. <i>Scientific Reports</i> , 2020, 10, 13353.	1.6	3
140	Scaling up biodiversityâ€“ecosystem function relationships across space and over time. <i>Ecology</i> , 2020, 101, e03166.	1.5	37
141	A meta-analysis on decomposition quantifies afterlife effects of plant diversity as a global change driver. <i>Nature Communications</i> , 2020, 11, 4547.	5.8	36
142	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
143	Invasive dominance and resident diversity: unpacking the impact of plant invasion on biodiversity and ecosystem function. <i>Ecological Monographs</i> , 2020, 90, e01425.	2.4	27
144	Multifunctionality of an Urbanized Coastal Marine Ecosystem. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	5
145	Production of mobile invertebrate communities on shallow reefs from temperate to tropical seas. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201798.	1.2	16
146	Application of remote sensing technology to estimate productivity and assess phylogenetic heritability. <i>Applications in Plant Sciences</i> , 2020, 8, e11401.	0.8	12

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147	Effects of maternal genotypic identity and genetic diversity of the red mangrove <i>Rhizophora mangle</i> on associated soil bacterial communities: A field-based experiment. <i>Ecology and Evolution</i> , 2020, 10, 13957-13967.	0.8	12
148	Differential incorporation of scientific advances affects coastal habitat restoration practice. <i>Conservation Science and Practice</i> , 2020, 2, e305.	0.9	2
149	The state of the world's urban ecosystems: What can we learn from trees, fungi, and bees?. <i>Plants People Planet</i> , 2020, 2, 482-498.	1.6	23
150	Biodiversity increases ecosystem functions despite multiple stressors on coral reefs. <i>Nature Ecology and Evolution</i> , 2020, 4, 919-926.	3.4	62
151	Archaea in boreal Swedish lakes are diverse, dominated by Woese archaeota and follow deterministic community assembly. <i>Environmental Microbiology</i> , 2020, 22, 3158-3171.	1.8	19
152	Today's protected areas: supporting a more sustainable future for humanity. <i>Integrative Zoology</i> , 2020, 15, 603-616.	1.3	9
153	Decreased motility of flagellated microalgae long-term acclimated to CO ₂ -induced acidified waters. <i>Nature Climate Change</i> , 2020, 10, 561-567.	8.1	20
154	Variation in the methods leads to variation in the interpretation of biodiversity-ecosystem multifunctionality relationships. <i>Journal of Plant Ecology</i> , 2020, 13, 431-441.	1.2	17
155	Warmer and less variable temperatures favour an accelerated plant phenology of two invasive weeds across sub-Antarctic Macquarie Island. <i>Austral Ecology</i> , 2020, 45, 572-585.	0.7	13
156	Can Constructed Wetlands be Wildlife Refuges? A Review of Their Potential Biodiversity Conservation Value. <i>Sustainability</i> , 2020, 12, 1442.	1.6	43
157	Interactive effects of global change factors on terrestrial net primary productivity are treatment length and intensity dependent. <i>Journal of Ecology</i> , 2020, 108, 2083-2094.	1.9	19
158	Tree restoration and ecosystem carbon storage in an acid and metal impacted landscape: Chronosequence and resampling approaches. <i>Forest Ecology and Management</i> , 2020, 463, 118012.	1.4	8
159	Species loss drives ecosystem function in experiments, but in nature the importance of species loss depends on dominance. <i>Global Ecology and Biogeography</i> , 2020, 29, 1531-1541.	2.7	32
160	Assessing biotic and abiotic effects on forest productivity in three temperate forests. <i>Ecology and Evolution</i> , 2020, 10, 7887-7900.	0.8	12
161	Leaf reflectance spectra capture the evolutionary history of seed plants. <i>New Phytologist</i> , 2020, 228, 485-493.	3.5	72
162	Seasonal Variation and Sexual Dimorphism of the Microbiota in Wild Blue Sheep (<i>Pseudois nayaur</i>). <i>Frontiers in Microbiology</i> , 2020, 11, 1260.	1.5	15
163	Accumulation curves of environmental DNA sequences predict coastal fish diversity in the coral triangle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200248.	1.2	35
164	Microhabitats are associated with diversity-productivity relationships in freshwater bacterial communities. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	13

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165	Climatic humidity mediates the strength of the species richnessâ€“biomass relationship on the Mongolian Plateau steppe. <i>Science of the Total Environment</i> , 2020, 718, 137252.	3.9	34
166	Ectomycorrhizal fungal diversity predicted to substantially decline due to climate changes in North American Pinaceae forests. <i>Journal of Biogeography</i> , 2020, 47, 772-782.	1.4	42
167	Structural diversity underpins carbon storage in Australian temperate forests. <i>Global Ecology and Biogeography</i> , 2020, 29, 789-802.	2.7	45
168	Scalingâ€“up biodiversityâ€“ecosystem functioning research. <i>Ecology Letters</i> , 2020, 23, 757-776.	3.0	270
169	Marked changes in diatom and dinoflagellate biomass, composition and seasonality in the Belgian Part of the North Sea between the 1970s and 2000s. <i>Science of the Total Environment</i> , 2020, 716, 136316.	3.9	25
170	Biotic factors determine ecosystem processes in environments with different hydrological regimes. <i>Freshwater Biology</i> , 2020, 65, 1376-1391.	1.2	4
171	Effects of functional diversity and salinization on zooplankton productivity: an experimental approach. <i>Hydrobiologia</i> , 2020, 847, 2845-2862.	1.0	12
172	Changes in plant diversity and its relationship with productivity in response to nitrogen addition, warming and increased rainfall. <i>Oikos</i> , 2020, 129, 939-952.	1.2	31
173	A graphical causal model for resolving species identity effects and biodiversityâ€“ecosystem function correlations. <i>Ecology</i> , 2020, 101, e03070.	1.5	29
174	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
175	Earth system data cubes unravel global multivariate dynamics. <i>Earth System Dynamics</i> , 2020, 11, 201-234.	2.7	59
176	Brazilian cuisine: comparison of environmental, economic and nutritional performance of two typical Brazilian dishes. <i>Environment, Development and Sustainability</i> , 2021, 23, 3097-3113.	2.7	0
177	Disturbance effects on productivityâ€“plant diversity relationships from a 22â€“yearâ€“old successional field. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	3
178	Tree phylogenetic diversity structures multitrophic communities. <i>Functional Ecology</i> , 2021, 35, 521-534.	1.7	21
179	Mapping functional diversity using individual tree-based morphological and physiological traits in a subtropical forest. <i>Remote Sensing of Environment</i> , 2021, 252, 112170.	4.6	46
180	A graphical null model for scaling biodiversityâ€“ecosystem functioning relationships. <i>Journal of Ecology</i> , 2021, 109, 1549-1560.	1.9	12
181	Remote spectral detection of biodiversity effects on forest biomass. <i>Nature Ecology and Evolution</i> , 2021, 5, 46-54.	3.4	33
182	A socialâ€“ecological framework and toolbox to help strengthening functional agrobiodiversity-supported ecosystem services at the landscape scale. <i>Ambio</i> , 2021, 50, 360-374.	2.8	7

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183	Cryopreservation and Resuscitation of Natural Aquatic Prokaryotic Communities. <i>Frontiers in Microbiology</i> , 2020, 11, 597653.	1.5	8
184	Multitrophic richness enhances ecosystem multifunctionality of tropical shallow lakes. <i>Functional Ecology</i> , 2021, 35, 942-954.	1.7	18
185	A combination of climate, tree diversity and local human disturbance determine the stability of dry Afromontane forests. <i>Forest Ecosystems</i> , 2021, 8, .	1.3	9
186	The osmotic response capacity of the Antarctic fish <i>Harpagifer antarcticus</i> is insufficient to cope with projected temperature and salinity under climate change. <i>Journal of Thermal Biology</i> , 2021, 96, 102835.	1.1	9
187	Disentangling climatic and anthropogenic contributions to nonlinear dynamics of alpine grassland productivity on the Qinghai-Tibetan Plateau. <i>Journal of Environmental Management</i> , 2021, 281, 111875.	3.8	44
188	Effect of foundation species composition and oil exposure on wetland communities across multiple trophic levels. <i>Marine Ecology - Progress Series</i> , 2021, 662, 53-68.	0.9	2
189	Gut Microbiome over a Lifetime and the Association with Hypertension. <i>Current Hypertension Reports</i> , 2021, 23, 15.	1.5	10
190	Plant functional groups mediate effects of climate and soil factors on species richness and community biomass in grasslands of Mongolian Plateau. <i>Journal of Plant Ecology</i> , 2021, 14, 679-691.	1.2	12
191	Evaluation of Environmental Naturalness: A Case Study in the Tiet�-Jacar� Hydrographic Basin, S�o Paulo, Brazil. <i>Sustainability</i> , 2021, 13, 3021.	1.6	4
192	Divergent above- and below-ground biodiversity pathways mediate disturbance impacts on temperate forest multifunctionality. <i>Global Change Biology</i> , 2021, 27, 2883-2894.	4.2	30
193	Trophic complexity alters the diversity-multifunctionality relationship in experimental grassland mesocosms. <i>Ecology and Evolution</i> , 2021, 11, 6471-6479.	0.8	6
194	Neighborhood effects and environmental variables drive sapling growth in a young subtropical tree plantation. <i>Forest Ecology and Management</i> , 2021, 483, 118929.	1.4	3
196	Towards a systematic method for assessing the impact of chemical pollution on ecosystem services of water systems. <i>Journal of Environmental Management</i> , 2021, 281, 111873.	3.8	17
197	Response of soil microbial communities to mixed beech-conifer forests varies with site conditions. <i>Soil Biology and Biochemistry</i> , 2021, 155, 108155.	4.2	21
198	Linking Bacterial-Fungal Relationships to Microbial Diversity and Soil Nutrient Cycling. <i>MSystems</i> , 2021, 6, .	1.7	81
199	Functional Diversity Facilitates Stability Under Environmental Changes in an Outdoor Microalgal Cultivation System. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 651895.	2.0	11
200	Aquatic biodiversity enhances multiple nutritional benefits to humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	44
202	Qualitative and Quantitative Loss of Habitat at Different Spatial Scales Affects Functional Moth Diversity. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	7

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203	Plant diversity and species turnover co-regulate soil nitrogen and phosphorus availability in Dinghushan forests, southern China. <i>Plant and Soil</i> , 2021, 464, 257.	1.8	21
204	Exploration of multiple post-extinction compensatory scenarios improves the likelihood of determining the most realistic ecosystem future. <i>Environmental Research Communications</i> , 2021, 3, 045001.	0.9	3
205	Disturbance reshapes the productivity–diversity relationship. <i>Journal of Vegetation Science</i> , 2021, 32, e13030.	1.1	2
206	Tree species mixing reduces biomass but increases length of absorptive fine roots in European forests. <i>Journal of Ecology</i> , 2021, 109, 2678-2691.	1.9	11
207	Consistently positive effect of species diversity on ecosystem, but not population, temporal stability. <i>Ecology Letters</i> , 2021, 24, 2256-2266.	3.0	56
208	Immunological resilience and biodiversity for prevention of allergic diseases and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3613-3626.	2.7	32
209	Ecosystem multifunctionality and stability are enhanced by macrophyte richness in mesocosms. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	8
210	Food–grade carrageenans and their implications in health and disease. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 3918-3936.	5.9	46
211	Biodiversity, environmental context and structural attributes as drivers of aboveground biomass in shrublands at the middle and lower reaches of the Yellow River basin. <i>Science of the Total Environment</i> , 2021, 774, 145198.	3.9	15
212	The Biodiversity–Biomass Relationship of Aquatic Macrophytes Is Regulated by Water Depth: A Case Study of a Shallow Mesotrophic Lake in China. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	5
213	TEEB-Russia: Towards National Ecosystem Accounting. <i>Sustainability</i> , 2021, 13, 6678.	1.6	2
215	The effects of biodiversity gradient on plant mass and metabolism of individual submerged macrophytes. <i>Ecological Processes</i> , 2021, 10, .	1.6	5
216	A global meta-analysis of the effects of plant diversity on biomass partitioning in grasslands. <i>Environmental Research Letters</i> , 2021, 16, 064083.	2.2	1
217	The role of functional diversity and facilitation in small-scale pollinator habitat. <i>Ecological Applications</i> , 2021, 31, e02355.	1.8	5
218	The function–dominance correlation drives the direction and strength of biodiversity–ecosystem functioning relationships. <i>Ecology Letters</i> , 2021, 24, 1762-1775.	3.0	8
219	Climate change and plant biodiversity in Himalaya, India. <i>Proceedings of the Indian National Science Academy</i> , 2021, 87, 234-259.	0.5	7
221	Species identity drives ecosystem function in a subsidy-dependent coastal ecosystem. <i>Oecologia</i> , 2021, 196, 1195-1206.	0.9	4
222	Positive but variable effects of crop diversification on biodiversity and ecosystem services. <i>Global Change Biology</i> , 2021, 27, 4697-4710.	4.2	189

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223	Spatial turnover of multiple ecosystem functions is more associated with plant than soil microbial diversity. <i>Ecosphere</i> , 2021, 12, e03644.	1.0	12
224	Dominance determines fish community biomass in a temperate seagrass ecosystem. <i>Ecology and Evolution</i> , 2021, 11, 10489-10501.	0.8	3
225	Beyond species richness and community composition: Using plant functional diversity to measure restoration success in jarrah forest. <i>Applied Vegetation Science</i> , 2021, 24, e12607.	0.9	4
226	Modes of Metabolic Performance of Pacific Reefs. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092930.	1.5	1
227	Environmental and anthropogenic factors affecting natural regeneration of degraded dry Afromontane forest. <i>Restoration Ecology</i> , 2021, 29, e13471.	1.4	6
228	Recovering ecosystem functions in a restored salt marsh by leveraging positive effects of biodiversity. <i>Ecosphere</i> , 2021, 12, e03664.	1.0	5
229	Analysis of a Landscape Intensely Modified by Agriculture in the Tietã€“Jacarã© Watershed, Brazil. <i>Sustainability</i> , 2021, 13, 9304.	1.6	2
230	Noncommercial forests need type- and age-differentiated conservation measures: A case study based on 600 plots in Zhejiang Province in eastern China. <i>Global Ecology and Conservation</i> , 2021, 28, e01704.	1.0	0
231	Grain yield and greenhouse gas emissions from maize and wheat fields under plastic film and straw mulching: A meta-analysis. <i>Field Crops Research</i> , 2021, 270, 108210.	2.3	38
232	Soil properties mediate ecosystem intrinsic water use efficiency and stomatal conductance via taxonomic diversity and leaf economic spectrum. <i>Science of the Total Environment</i> , 2021, 783, 146968.	3.9	5
233	Biodiversity dynamics in the Anthropocene: how human activities change equilibria of species richness. <i>Ecography</i> , 2022, 2022, .	2.1	30
234	Application of vermicompost and biochar suppresses <i>Fusarium</i> root rot of replanted American ginseng. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 6977-6991.	1.7	12
235	Relationships between biodiversity and ecosystem functioning proxies strengthen when approaching chemosynthetic deep-sea methane seeps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210950.	1.2	5
237	Species richness is more important for ecosystem functioning than species turnover along an elevational gradient. <i>Nature Ecology and Evolution</i> , 2021, 5, 1582-1593.	3.4	35
238	The significance of tree-tree interactions for forest ecosystem functioning. <i>Basic and Applied Ecology</i> , 2021, 55, 33-52.	1.2	38
239	Water productivity and seed cotton yield in response to deficit irrigation: A global meta-analysis. <i>Agricultural Water Management</i> , 2021, 255, 107027.	2.4	30
240	Documenting decadal disturbance dynamics reveals archipelago-specific recovery and compositional change on Polynesian reefs. <i>Marine Pollution Bulletin</i> , 2021, 170, 112659.	2.3	8
241	Both diversity and functional composition affect productivity and water use efficiency in experimental temperate grasslands. <i>Journal of Ecology</i> , 2021, 109, 3877-3891.	1.9	12

#	ARTICLE	IF	CITATIONS
242	Species patch size at seeding affects the productivity of mixed legume-grass communities. <i>European Journal of Agronomy</i> , 2021, 129, 126342.	1.9	2
243	Future phytoplankton diversity in a changing climate. <i>Nature Communications</i> , 2021, 12, 5372.	5.8	80
244	We should not necessarily expect positive relationships between biodiversity and ecosystem functioning in observational field data. <i>Ecology Letters</i> , 2021, 24, 2537-2548.	3.0	64
245	Destruction of the soil microbial ecological environment caused by the over-utilization of the rice-crayfish co-cropping pattern. <i>Science of the Total Environment</i> , 2021, 788, 147794.	3.9	15
246	Disentangling the distinct mechanisms shaping the subsurface oil reservoir bacterial and archaeal communities across northern China. <i>Science of the Total Environment</i> , 2021, 789, 148074.	3.9	8
247	A rapid tree diversity assessment method for cocoa agroforestry systems. <i>Ecological Indicators</i> , 2021, 130, 107993.	2.6	3
248	A slight increase in soil pH benefits soil organic carbon and nitrogen storage in a semi-arid grassland. <i>Ecological Indicators</i> , 2021, 130, 108037.	2.6	15
249	Loss in soil microbial diversity constrains microbiome selection and alters the abundance of N-cycling guilds in barley rhizosphere. <i>Applied Soil Ecology</i> , 2022, 169, 104224.	2.1	16
250	Biological Extinction and Climate Change. , 2020, , 11-20.		6
251	Blood pressure management in an ecosystem context. <i>Hypertension Research</i> , 2020, 43, 989-994.	1.5	12
259	Phytoplankton Diversity Effect on Ecosystem Functioning in a Coastal Upwelling System. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	21
260	Silvopasture in the Caatinga biome of Brazil: A review of its ecology, management, and development opportunities. <i>Forest Systems</i> , 2018, 27, eR01S.	0.1	26
261	Plant diversity maintains multiple soil functions in future environments. <i>ELife</i> , 2018, 7, .	2.8	54
262	Biodiversity mediates the effects of stressors but not nutrients on litter decomposition. <i>ELife</i> , 2020, 9, .	2.8	24
263	Marine biodiversity research in the Ryukyu Islands, Japan: current status and trends. <i>PeerJ</i> , 2019, 7, e6532.	0.9	30
264	Ecological networks reveal contrasting patterns of bacterial and fungal communities in glacier-fed streams in Central Asia. <i>PeerJ</i> , 2019, 7, e7715.	0.9	17
266	SPATIAL STATISTICS ON AMAZON RAINFOREST ASSESSMENT: SPATIALLY STRATIFIED INVENTORY PROCESSING. <i>Floresta</i> , 2021, 51, 883.	0.1	0
267	Biodiversity has a positive but saturating effect on imperiled coral reefs. <i>Science Advances</i> , 2021, 7, eabi8592.	4.7	9

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268	Differences in bee community composition between restored and remnant prairies are more strongly linked to forb community differences than landscape differences. <i>Journal of Applied Ecology</i> , 2022, 59, 129-140.	1.9	8
269	Spatiotemporal dynamics of abiotic and biotic properties explain biodiversity–ecosystem–functioning relationships. <i>Ecological Monographs</i> , 2022, 92, e01490.	2.4	13
272	Planted Forests: Characterization and Sustainable Management. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2019, , 1-9.	0.0	0
277	Konflikte um Flächennutzung und Bodenfunktionen in Agrarlandschaften. <i>RaumFragen: Stadt - Region - Landschaft</i> , 2020, , 657-688.	1.0	1
278	Small biodiversity effects on leaf litter production of a seasonal heath vegetation. <i>Journal of Vegetation Science</i> , 2020, 31, 877-886.	1.1	3
281	Planted Forests: Characterization and Sustainable Management. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 786-794.	0.0	0
282	Characterization of gut microbiota in captive Himalayan tahr (<i>Hemitragus jemlahicus</i>) and the limited effect of sex on intestinal microorganisms of tahr. , 2021, 88, 1177-1188.		0
283	The hidden role of multi-trophic interactions in driving diversity–productivity relationships. <i>Ecology Letters</i> , 2022, 25, 405-415.	3.0	16
284	Diverse forests are cool: Promoting diverse forests to mitigate carbon emissions and climate change. , 2022, 1, 5-8.		8
285	Disentangling effects of climate and land use on biodiversity and ecosystem services—A multi-scale experimental design. <i>Methods in Ecology and Evolution</i> , 2022, 13, 514-527.	2.2	15
286	Functional evenness and community-weighted mean traits have strong correlation with macrophyte community productivity. <i>Aquatic Sciences</i> , 2022, 84, 1.	0.6	2
287	Species richness and identity both determine the biomass of global reef fish communities. <i>Nature Communications</i> , 2021, 12, 6875.	5.8	12
288	Biodiversity promotes ecosystem functioning despite environmental change. <i>Ecology Letters</i> , 2022, 25, 555-569.	3.0	85
289	The importance of biodiverse plant communities for healthy soils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	2
290	Relationships between above-ground plant traits and carbon cycling in tundra plant communities. <i>Journal of Ecology</i> , 2022, 110, 700-716.	1.9	21
291	Marine food webs are more complex but less stable in sub-Antarctic (Beagle Channel, Argentina) than in Antarctic (Potter Cove, Antarctic Peninsula) regions. <i>Marine Environmental Research</i> , 2022, 174, 105561.	1.1	11
292	Nitrogen Enhances Magnitude of Compensatory Response of a Subalpine Plant Community to the Removal of Codominant Species. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
294	Pathways for cross-boundary effects of biodiversity on ecosystem functioning. <i>Trends in Ecology and Evolution</i> , 2022, 37, 454-467.	4.2	34

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295	Assessing the Impact of Climate Change on Potential Distribution of <i>Meconopsis punicea</i> and Its Influence on Ecosystem Services Supply in the Southeastern Margin of Qinghai-Tibet Plateau. <i>Frontiers in Plant Science</i> , 2021, 12, 830119.	1.7	19
296	Secondary production increases with species richness but decreases with species evenness of benthic invertebrates. <i>Oikos</i> , 2022, 2022, .	1.2	7
297	The effects of pollinator diversity on pollination function. <i>Ecology</i> , 2022, 103, e3631.	1.5	2
298	Positive contribution of macrofaunal biodiversity to secondary production and seagrass carbon metabolism. <i>Ecology</i> , 2022, 103, e3648.	1.5	9
299	The Complex Biodiversity-Ecosystem Function Relationships for the Qinghai-Tibetan Grassland Community. <i>Frontiers in Plant Science</i> , 2021, 12, 772503.	1.7	5
300	China's biodiversity conservation in the process of implementing the sustainable development goals (SDGs). <i>Journal of Cleaner Production</i> , 2022, 338, 130595.	4.6	22
301	Deep mining decreases the microbial taxonomic and functional diversity of subsurface oil reservoirs. <i>Science of the Total Environment</i> , 2022, 821, 153564.	3.9	6
302	Ecological Interactions of Cyanobacteria and Heterotrophs Enhances the Robustness of Cyanobacterial Consortium for Carbon Sequestration. <i>Frontiers in Microbiology</i> , 2022, 13, 780346.	1.5	14
303	Assessing long-term nutrient and lime enrichment effects on a subtropical South African grassland. <i>African Journal of Range and Forage Science</i> , 2023, 40, 206-218.	0.6	1
304	Elevation dependence of climate effects on ecosystem multifunctionality states over the Qinghai-Tibet Plateau. <i>Global Ecology and Conservation</i> , 2022, , e02066.	1.0	2
306	Diversity and extinction risk are inversely related at a global scale. <i>Ecology Letters</i> , 2022, 25, 697-707.	3.0	18
308	The effect of trait-based diversity on productivity results mainly from intraspecific trait variability in the macrophyte community. <i>Freshwater Biology</i> , 2022, 67, 1137-1149.	1.2	6
309	Fantastic Beasts: Unfolding Mixoplankton Temporal Variability in the Belgian Coastal Zone Through DNA-Metabarcoding. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
310	Causal networks of phytoplankton diversity and biomass are modulated by environmental context. <i>Nature Communications</i> , 2022, 13, 1140.	5.8	18
311	Biodiversity stabilizes primary productivity through compensatory effects under warming conditions. <i>Journal of Vegetation Science</i> , 2022, 33, .	1.1	2
312	Price Equations for Understanding the Response of Ecosystem Function to Community Change. <i>American Naturalist</i> , 2022, 200, 181-192.	1.0	8
313	A deep neural network for high-throughput measurement of functional traits on museum skeletal specimens. <i>Methods in Ecology and Evolution</i> , 2023, 14, 347-359.	2.2	4
314	Assessing biodiversity from space: Impact of spatial and spectral resolution on trait-based functional diversity. <i>Remote Sensing of Environment</i> , 2022, 275, 113024.	4.6	18

#	ARTICLE	IF	CITATIONS
315	Overgrazing, not haying, decreases grassland topsoil organic carbon by decreasing plant species richness along an aridity gradient in Northern China. <i>Agriculture, Ecosystems and Environment</i> , 2022, 332, 107935.	2.5	14
316	Co-occurrence pattern and community assembly of broomcorn millet rhizosphere microbiomes in a typical agricultural ecosystem. <i>Applied Soil Ecology</i> , 2022, 176, 104478.	2.1	10
317	The influence of aboveground and belowground species composition on spatial turnover in nutrient pools in alpine grasslands. <i>Global Ecology and Biogeography</i> , 2022, 31, 486-500.	2.7	11
318	Future restoration should enhance ecological complexity and emergent properties at multiple scales. <i>Ecography</i> , 2022, 2022, .	2.1	30
319	Yield and water productivity of crops, vegetables and fruits under subsurface drip irrigation: A global meta-analysis. <i>Agricultural Water Management</i> , 2022, 269, 107645.	2.4	31
332	Temperature and Rainfall Patterns Constrain the Multidimensional Rewilding of Global Forests. <i>Advanced Science</i> , 2022, 9, e2201144.	5.6	12
333	Species richness and functional attributes of fish assemblages across a large-scale salinity gradient in shallow coastal areas. <i>Biogeosciences</i> , 2022, 19, 2295-2312.	1.3	1
334	Ecology and responses to climate change of biocrust-forming mosses in drylands. <i>Journal of Experimental Botany</i> , 2022, 73, 4380-4395.	2.4	16
335	Coastal ecosystem services in South Africa's largest natural bay: The role of marine benthic filter feeders in mitigating pollution. <i>Ecological Indicators</i> , 2022, 139, 108899.	2.6	3
336	Nitrogen deposition magnifies destabilizing effects of plant functional group loss. <i>Science of the Total Environment</i> , 2022, 835, 155419.	3.9	1
337	What plant's pollinator network structure tells us about the mechanisms underlying the bidirectional biodiversity productivity relationship?. <i>Basic and Applied Ecology</i> , 2022, , .	1.2	3
338	Plant community traits associated with nitrogen can predict spatial variability in productivity. <i>Ecological Indicators</i> , 2022, 140, 109001.	2.6	5
339	Downlisting pandas and upgrading conservation: China setting an example to preserve wildlife worldwide. <i>Animal Conservation</i> , 0, , .	1.5	2
340	Response of Maize (<i>Zea mays</i> L.) Varieties to Nitrogen Application in the Guinea Savanna Agro-Ecology of Ghana. <i>Asian Journal of Crop Science</i> , 2022, 14, 11-19.	0.2	0
341	Arbuscular Mycorrhizal Fungi and Soil Quality Indicators in Eucalyptus genotypes With Different Drought Tolerance Levels. <i>Frontiers in Fungal Biology</i> , 0, 3, .	0.9	0
342	Biotic Interactions as Mediators of Context-Dependent Biodiversity-Ecosystem Functioning Relationships. <i>Research Ideas and Outcomes</i> , 0, 8, .	1.0	10
343	Mixture Composition Influenced the Biomass Yield and Nutritional Quality of Legume-Grass Pastures. <i>Agronomy</i> , 2022, 12, 1449.	1.3	6
344	Historical context modifies plant diversity's community productivity relationships in alpine grassland. <i>Journal of Ecology</i> , 2022, 110, 2205-2218.	1.9	3

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346	Horizontal Distribution Characteristics and Environmental Factors of Shrubland Species Diversity in Hainan Island, China. <i>Land</i> , 2022, 11, 1047.	1.2	3
347	Woody plant phylogenetic diversity supports nature's contributions to people but is at risk from human population growth. <i>Conservation Letters</i> , 2022, 15, .	2.8	3
348	Plant and microbial community composition jointly determine moorland multifunctionality. <i>Journal of Ecology</i> , 2022, 110, 2507-2521.	1.9	10
350	Dryness weakens the positive effects of plant and fungal α diversities on above- and belowground biomass. <i>Global Change Biology</i> , 2022, 28, 6629-6639.	4.2	14
351	Biogeographic Patterns and Richness of the <i>Meconopsis</i> Species and Their Influence Factors across the Pan-Himalaya and Adjacent Regions. <i>Diversity</i> , 2022, 14, 661.	0.7	2
352	Greater bee diversity is needed to maintain crop pollination over time. <i>Nature Ecology and Evolution</i> , 2022, 6, 1516-1523.	3.4	8
353	Chilean blind spots in soil biodiversity and ecosystem function research. <i>Austral Ecology</i> , 2022, 47, 1372-1381.	0.7	5
354	Spatial variation in the direct and indirect effects of plant diversity on soil respiration in an arid region. <i>Ecological Indicators</i> , 2022, 142, 109288.	2.6	0
355	Precipitation-mediated responses of plant biomass production and allocation to changing soil pH in semiarid grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2022, 339, 108123.	2.5	7
356	Tree species richness and N-fixing tree species enhance the chemical stability of soil organic carbon in subtropical plantations. <i>Soil Biology and Biochemistry</i> , 2022, 174, 108828.	4.2	5
357	Effects of litter species and genetic diversity on plant litter decomposition in coastal wetland. <i>Ecological Indicators</i> , 2022, 144, 109439.	2.6	4
358	Distinct indicators of land use and hydrology characterize different aspects of riverine phytoplankton communities. <i>Science of the Total Environment</i> , 2022, 851, 158209.	3.9	7
359	Reef Ecology in the Western Pacific for Adaptation to Global Change. <i>Coral Reefs of the World</i> , 2022, , 55-98.	0.3	0
360	Why are biodiversity-ecosystem functioning relationships so elusive? Trophic interactions may amplify ecosystem function variability. <i>Journal of Animal Ecology</i> , 2023, 92, 367-376.	1.3	11
361	Phyllosphere bacterial communities in urban green areas throughout Europe relate to urban intensity. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	1.3	2
362	Microbial drivers of plant richness and productivity in a grassland restoration experiment along a gradient of land-use intensity. <i>New Phytologist</i> , 2022, 236, 1936-1950.	3.5	6
363	Fish community structure and dynamics are insufficient to mediate coral resilience. <i>Nature Ecology and Evolution</i> , 2022, 6, 1700-1709.	3.4	3
364	Beyond physical control: Macrofauna community diversity across sandy beaches and its relationship with secondary production. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 277, 108083.	0.9	2

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365	Biodiversity buffers the impact of eutrophication on ecosystem functioning of submerged macrophytes on the Yunnan-Guizhou Plateau, Southwest China. <i>Environmental Pollution</i> , 2022, 314, 120210.	3.7	10
366	Using ecosystem integrity to maximize climate mitigation and minimize risk in international forest policy. <i>Frontiers in Forests and Global Change</i> , 0, 5, .	1.0	7
367	How puzzles are shaping our understanding of biodiversity: A call for more research into biodiversity representation in educational games. <i>Gaia</i> , 2022, 31, 139-145.	0.3	0
368	Rare and declining bee species are key to consistent pollination of wildflowers and crops across large spatial scales. <i>Ecology</i> , 2023, 104, .	1.5	9
369	Phylogenetic distance controls plant growth during early restoration of a semi-arid riparian forest. <i>Ecological Solutions and Evidence</i> , 2022, 3, .	0.8	2
370	Trait-trait relationships and tradeoffs vary with genome size in prokaryotes. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
371	Richness-biomass relationships change with increasing acid rain intensity by shifting from positive to negative selection. <i>Ecological Indicators</i> , 2022, 145, 109610.	2.6	0
372	Anthropogenic disturbance mediates soil water effect on diversity-productivity relationships in a temperate forest region. <i>Forest Ecology and Management</i> , 2022, 525, 120544.	1.4	3
373	Effects of multi-resource addition on grassland plant productivity and biodiversity along a resource gradient. <i>Science of the Total Environment</i> , 2023, 857, 159367.	3.9	1
374	Evenness, biodiversity, and ecosystem function of intertidal communities along the Italian coasts: Experimental short-term response to ambient and extreme air temperatures. <i>Science of the Total Environment</i> , 2023, 858, 160037.	3.9	3
375	Community biomass is driven by dominants and their characteristics – The insight from a field biodiversity experiment with realistic species loss scenario. <i>Journal of Ecology</i> , 2023, 111, 240-250.	1.9	6
376	Planktonic functional diversity changes in synchrony with lake ecosystem state. <i>Global Change Biology</i> , 2023, 29, 686-701.	4.2	5
377	The influence of China's protected areas policy on households' risk perception, forest investment, and revenue. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	1
378	Different factors drive the assembly of pine and <i>Panax notoginseng</i> -associated microbiomes in <i>Panax notoginseng</i> -pine agroforestry systems. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
379	The supply of multiple ecosystem services requires biodiversity across spatial scales. <i>Nature Ecology and Evolution</i> , 0, , .	3.4	10
380	Warming changed the relationship between species diversity and primary productivity of alpine meadow on the Tibetan Plateau. <i>Ecological Indicators</i> , 2022, 145, 109691.	2.6	4
381	Land use intensification alters the relative contributions of plant functional diversity and soil properties on grassland productivity. <i>Oecologia</i> , 0, , .	0.9	1
382	Evaluation of seagrass beds as a foraging and nursery habitat based on the structure of the fish community in Nusmapi Island, West Papua, Indonesia. <i>Biodiversitas</i> , 2022, 23, .	0.2	0

#	ARTICLE	IF	CITATIONS
383	Variable intraspecific genetic diversity effects impact thermal tolerance in a reef-building coral. <i>Coral Reefs</i> , 0, , .	0.9	0
384	Linking wood-decay fungal communities to decay rates: Using a long-term experimental manipulation of deadwood and canopy gaps. <i>Fungal Ecology</i> , 2023, 62, 101220.	0.7	3
385	Grassland Communities and Ecosystems. , 2024, , 382-390.		1
386	Grazing and ecosystem service delivery in global drylands. <i>Science</i> , 2022, 378, 915-920.	6.0	81
387	Effects of disturbance on functional diversity-productivity relationships of aquatic plant communities depend on nutrients and life-forms. <i>Hydrobiologia</i> , 2023, 850, 683-697.	1.0	1
388	Ontogeny influences tree growth response to soil fertility and neighbourhood crowding in an old-growth temperate forest. <i>Annals of Botany</i> , 2023, 131, 1061-1072.	1.4	4
389	Stable plant community biomass production despite species richness collapse under simulated extreme climate in the European Alps. <i>Science of the Total Environment</i> , 2023, 864, 161166.	3.9	3
390	Climate Effects on Prairie Productivity Partially Ameliorated by Soil Nutrients and Plant Community Responses. <i>Ecosystems</i> , 0, , .	1.6	2
391	Comparing taxonomic and functional trait diversity in marine macrozoobenthos along sediment texture gradients. <i>Ecological Indicators</i> , 2022, 145, 109718.	2.6	5
392	Intraspecific trait variability mediates the effect of nitrogen addition and warming on aboveground productivity. <i>Oikos</i> , 2023, 2023, , .	1.2	4
393	Habitat Provision and Erosion Are Influenced by Seagrass Meadow Complexity: A Seascape Perspective. <i>Diversity</i> , 2023, 15, 125.	0.7	1
394	Soil fungal guilds as important integrators linking plant richness and carbon, nitrogen and phosphorus stocks in oasisâ€œdesert ecosystems. <i>Soil Biology and Biochemistry</i> , 2023, 177, 108930.	4.2	4
395	Enhancing the structural diversity between forest patchesâ€œA concept and realâ€œworld experiment to study biodiversity, multifunctionality and forest resilience across spatial scales. <i>Global Change Biology</i> , 2023, 29, 1437-1450.	4.2	10
396	Coâ€œoccurrence of herbivorous fish functional groups correlates with enhanced coral reef benthic state. <i>Global Ecology and Biogeography</i> , 2023, 32, 435-449.	2.7	3
397	Functional community structure modulates zooplankton production rates across boreal lakes. <i>Freshwater Biology</i> , 2023, 68, 837-846.	1.2	3
398	Remotely sensed functional diversity and its association with productivity in a subtropical forest. <i>Remote Sensing of Environment</i> , 2023, 290, 113530.	4.6	3
399	Coexisting mangroveâ€œcoral habitat use by reef fishes in the Caribbean. <i>Biotropica</i> , 2023, 55, 299-305.	0.8	0
400	Challenges and opportunities in the use of ponds and pondscapes as Nature-based Solutions. <i>Hydrobiologia</i> , 2023, 850, 3257-3271.	1.0	10

#	ARTICLE	IF	CITATIONS
401	Trade-offs and synergies between ecosystem productivity and stability in temperate grasslands. <i>Global Ecology and Biogeography</i> , 2023, 32, 561-572.	2.7	2
402	Species richness and the dynamics of coral cover in Bangka Belitung Islands, Indonesia. <i>PeerJ</i> , 0, 11, e14625.	0.9	0
403	The dynamics of the diversity-energy relationship during the last 21,000 years. <i>Global Ecology and Biogeography</i> , 2023, 32, 707-718.	2.7	0
404	Firm's biodiversity initiatives disclosure and board gender diversity: A multi-country analysis of corporations operating in Europe. <i>Business Strategy and the Environment</i> , 2023, 32, 4991-5007.	8.5	15
405	Long-term coastal macrobenthic Community Trajectory Analysis reveals habitat-dependent stability patterns. <i>Ecography</i> , 2023, 2023, .	2.1	3
406	Microalgal diversity enhances water purification efficiency in experimental microcosms. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	0
436	Reply: Functional similarity is more appropriate than functional redundancy. , 2023, 2, .		0
441	Recent Advances in the Treatment of Parasitic Diseases: Current Status and Future. , 2023, , 249-286.		0
458	Towards (better) fluvial meta-ecosystem ecology: a research perspective. , 2024, 3, .		0
461	Key questions for understanding drivers of biodiversity-ecosystem service relationships across spatial scales. <i>Landscape Ecology</i> , 2024, 39, .	1.9	0