

Bernhard Schmid

List of Publications by Year in descending order

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415
papers

49,016
citations

2203

99
h-index

2116

203
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519
all docs

519
docs citations

519
times ranked

32990
citing authors

#	ARTICLE	IF	CITATIONS
1	EFFECTS OF BIODIVERSITY ON ECOSYSTEM FUNCTIONING: A CONSENSUS OF CURRENT KNOWLEDGE. Ecological Monographs, 2005, 75, 3-35.	2.4	5,856
2	Biodiversity and Ecosystem Functioning: Current Knowledge and Future Challenges. Science, 2001, 294, 804-808.	6.0	3,551
3	Quantifying the evidence for biodiversity effects on ecosystem functioning and services. Ecology Letters, 2006, 9, 1146-1156.	3.0	1,995
4	Plant Diversity and Productivity Experiments in European Grasslands. Science, 1999, 286, 1123-1127.	6.0	1,757
5	High plant diversity is needed to maintain ecosystem services. Nature, 2011, 477, 199-202.	13.7	1,195
6	TRY plant trait database "enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
7	Biodiversity increases the resistance of ecosystem productivity to climate extremes. Nature, 2015, 526, 574-577.	13.7	1,032
8	Positive biodiversity-productivity relationship predominant in global forests. Science, 2016, 354, .	6.0	864
9	Bottom-up effects of plant diversity on multitrophic interactions in a biodiversity experiment. Nature, 2010, 468, 553-556.	13.7	786
10	Consequences of biodiversity loss for litter decomposition across biomes. Nature, 2014, 509, 218-221.	13.7	600
11	The role of biodiversity for element cycling and trophic interactions: an experimental approach in a grassland community. Basic and Applied Ecology, 2004, 5, 107-121.	1.2	508
12	ECOSYSTEM EFFECTS OF BIODIVERSITY MANIPULATIONS IN EUROPEAN GRASSLANDS. Ecological Monographs, 2005, 75, 37-63.	2.4	439
13	Impacts of species richness on productivity in a large-scale subtropical forest experiment. Science, 2018, 362, 80-83.	6.0	433
14	JANZEN-CONNELL EFFECTS ARE WIDESPREAD AND STRONG ENOUGH TO MAINTAIN DIVERSITY IN GRASSLANDS. Ecology, 2008, 89, 2399-2406.	1.5	419
15	General stabilizing effects of plant diversity on grassland productivity through population asynchrony and overyielding. Ecology, 2010, 91, 2213-2220.	1.5	410
16	Local adaptation enhances performance of common plant species. Ecology Letters, 2001, 4, 536-544.	3.0	401
17	Diversity-dependent production can decrease the stability of ecosystem functioning. Nature, 2002, 416, 84-86.	13.7	389
18	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. Nature, 2019, 569, 404-408.	13.7	371

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19	The effect of nutrient availability on biomass allocation patterns in 27 species of herbaceous plants. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2000, 3, 115-127.	1.1	323
20	The role of legumes as a component of biodiversity in a cross-European study of grassland biomass nitrogen. <i>Oikos</i> , 2002, 98, 205-218.	1.2	321
21	Plant species richness and functional composition driveoveryielding in a six-year grassland experiment. <i>Ecology</i> , 2009, 90, 3290-3302.	1.5	317
22	Selection for niche differentiation in plant communities increases biodiversity effects. <i>Nature</i> , 2014, 515, 108-111.	13.7	313
23	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
24	Positive interactions between nitrogen-fixing legumes and four different neighbouring species in a biodiversity experiment. <i>Oecologia</i> , 2007, 151, 190-205.	0.9	282
25	Numerical responses of different trophic groups of invertebrates to manipulations of plant diversity in grasslands. <i>Oecologia</i> , 2000, 125, 271-282.	0.9	280
26	Plant diversity effects on soil heterotrophic activity in experimental grassland ecosystems. <i>Plant and Soil</i> , 2000, 224, 217-230.	1.8	263
27	Using Plant Functional Traits to Explain Diversity-Productivity Relationships. <i>PLoS ONE</i> , 2012, 7, e36760.	1.1	263
28	Plant diversity affects culturable soil bacteria in experimental grassland communities. <i>Journal of Ecology</i> , 2000, 88, 988-998.	1.9	261
29	Overyielding in experimental grassland communities - irrespective of species pool or spatial scale. <i>Ecology Letters</i> , 2005, 8, 419-429.	3.0	259
30	Overyielding in grassland communities: testing the sampling effect hypothesis with replicated biodiversity experiments. <i>Ecology Letters</i> , 2002, 5, 502-511.	3.0	258
31	Belowground biodiversity effects of plant symbionts support aboveground productivity. <i>Ecology Letters</i> , 2011, 14, 1001-1009.	3.0	255
32	Predicting ecosystem stability from community composition and biodiversity. <i>Ecology Letters</i> , 2013, 16, 617-625.	3.0	251
33	Latitudinal population differentiation in two species of <i>Solidago</i> (Asteraceae) introduced into Europe. <i>American Journal of Botany</i> , 1998, 85, 1110-1121.	0.8	247
34	The Future of Complementarity: Disentangling Causes from Consequences. <i>Trends in Ecology and Evolution</i> , 2019, 34, 167-180.	4.2	246
35	The ecological forecast horizon, and examples of its uses and determinants. <i>Ecology Letters</i> , 2015, 18, 597-611.	3.0	242
36	Conventional functional classification schemes underestimate the relationship with ecosystem functioning. <i>Ecology Letters</i> , 2006, 9, 111-120.	3.0	236

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37	Soil environmental conditions rather than denitrifier abundance and diversity drive potential denitrification after changes in land uses. <i>Global Change Biology</i> , 2011, 17, 1975-1989.	4.2	236
38	ECOSYSTEM EFFECTS OF BIODIVERSITY: A CLASSIFICATION OF HYPOTHESES AND EXPLORATION OF EMPIRICAL RESULTS. , 1999, 9, 893-912.		234
39	Designing forest biodiversity experiments: general considerations illustrated by a new large experiment in subtropical China. <i>Methods in Ecology and Evolution</i> , 2014, 5, 74-89.	2.2	232
40	Biodiversity effects increase linearly with biotope space. <i>Ecology Letters</i> , 2004, 7, 574-583.	3.0	226
41	Community assembly during secondary forest succession in a Chinese subtropical forest. <i>Ecological Monographs</i> , 2011, 81, 25-41.	2.4	222
42	Mycorrhizal fungal identity and diversity relaxes plant-plant competition. <i>Ecology</i> , 2011, 92, 1303-1313.	1.5	218
43	Mapping functional diversity from remotely sensed morphological and physiological forest traits. <i>Nature Communications</i> , 2017, 8, 1441.	5.8	214
44	Above-ground resource use increases with plant species richness in experimental grassland ecosystems. <i>Functional Ecology</i> , 2000, 14, 326-337.	1.7	213
45	Soil feedbacks of plant diversity on soil microbial communities and subsequent plant growth. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2005, 7, 27-49.	1.1	211
46	Strong contribution of autumn phenology to changes in satellite-derived growing season length estimates across Europe (1982-2011). <i>Global Change Biology</i> , 2014, 20, 3457-3470.	4.2	201
47	Long-term persistence in a changing climate: DNA analysis suggests very old ages of clones of alpine <i>Carex curvula</i> . <i>Oecologia</i> , 1996, 105, 94-99.	0.9	197
48	Species evenness and productivity in experimental plant communities. <i>Oikos</i> , 2004, 107, 50-63.	1.2	197
49	Diverse pollinator communities enhance plant reproductive success. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4845-4852.	1.2	193
50	Conservation of arthropod diversity in montane wetlands: effect of altitude, habitat quality and habitat fragmentation on butterflies and grasshoppers. <i>Journal of Applied Ecology</i> , 1999, 36, 363-373.	1.9	190
51	Effectiveness of the Swiss agri-environment scheme in promoting biodiversity. <i>Journal of Applied Ecology</i> , 2005, 43, 120-127.	1.9	189
52	Fear of the dark or dinner by moonlight? Reduced temporal partitioning among Africa's large carnivores. <i>Ecology</i> , 2012, 93, 2590-2599.	1.5	189
53	Isolation and characterization of microsatellite loci in the bearded vulture (<i>Gypaetus barbatus</i>) and cross-amplification in three Old World vulture species. <i>Molecular Ecology</i> , 2000, 9, 2193-2195.	2.0	184
54	The Swiss agri-environment scheme enhances pollinator diversity and plant reproductive success in nearby intensively managed farmland. <i>Journal of Applied Ecology</i> , 2007, 44, 813-822.	1.9	179

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55	Effects of ski piste preparation on alpine vegetation. <i>Journal of Applied Ecology</i> , 2005, 42, 306-316.	1.9	178
56	The species richnessâ€“productivity controversy. <i>Trends in Ecology and Evolution</i> , 2002, 17, 113-114.	4.2	174
57	Niche pre-emption increases with species richness in experimental plant communities. <i>Journal of Ecology</i> , 2007, 95, 65-78.	1.9	169
58	Plant diversity effects on grassland productivity are robust to both nutrient enrichment and drought. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150277.	1.8	169
59	Biodiversity across trophic levels drives multifunctionality in highly diverse forests. <i>Nature Communications</i> , 2018, 9, 2989.	5.8	169
60	Tree species richness increases ecosystem carbon storage in subtropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181240.	1.2	169
61	Long-term study of root biomass in a biodiversity experiment reveals shifts in diversity effects over time. <i>Oikos</i> , 2014, 123, 1528-1536.	1.2	165
62	Aridity-driven shift in biodiversityâ€“soil multifunctionality relationships. <i>Nature Communications</i> , 2021, 12, 5350.	5.8	164
63	Biodiversity effects and transgressive overyielding. <i>Journal of Plant Ecology</i> , 2008, 1, 95-102.	1.2	160
64	A test of the generality of leaf trait relationships on the Tibetan Plateau. <i>New Phytologist</i> , 2006, 170, 835-848.	3.5	159
65	Quantifying effects of biodiversity on ecosystem functioning across times and places. <i>Ecology Letters</i> , 2018, 21, 763-778.	3.0	157
66	RAPD variation among and within small and large populations of the rare clonal plant <i>Ranunculus reptans</i> (Ranunculaceae). <i>American Journal of Botany</i> , 2000, 87, 1128-1137.	0.8	156
67	Biodiversityâ€“multifunctionality relationships depend on identity and number of measured functions. <i>Nature Ecology and Evolution</i> , 2018, 2, 44-49.	3.4	155
68	Reduced competitive ability in an invasive plant. <i>Ecology Letters</i> , 2004, 7, 346-353.	3.0	152
69	Clonal Growth in Grassland Perennials: I. Density and Pattern-Dependent Competition Between Plants with Different Growth Forms. <i>Journal of Ecology</i> , 1985, 73, 793.	1.9	151
70	Evolutionary Ecology of the Prezygotic Stage. <i>Science</i> , 2004, 303, 971-975.	6.0	151
71	Plant diversity enhances provision of ecosystem services: A new synthesis. <i>Basic and Applied Ecology</i> , 2010, 11, 582-593.	1.2	151
72	Environmental factors covary with plant diversityâ€“productivity relationships among Chinese grassland sites. <i>Global Ecology and Biogeography</i> , 2010, 19, 233-243.	2.7	150

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73	Community niche predicts the functioning of denitrifying bacterial assemblages. <i>Ecology</i> , 2009, 90, 3324-3332.	1.5	149
74	Root hemiparasites and plant diversity in experimental grassland communities. <i>Journal of Ecology</i> , 2000, 88, 634-644.	1.9	147
75	Genotypic richness and dissimilarity opposingly affect ecosystem functioning. <i>Ecology Letters</i> , 2011, 14, 537-545.	3.0	145
76	Monitoring biodiversity in the Anthropocene using remote sensing in species distribution models. <i>Remote Sensing of Environment</i> , 2020, 239, 111626.	4.6	142
77	Positive biodiversity–productivity relationship due to increased plant density. <i>Journal of Ecology</i> , 2009, 97, 696-704.	1.9	141
78	Genetic differentiation of life-history traits within populations of the clonal plant <i>Ranunculus reptans</i> . <i>Oikos</i> , 2000, 90, 442-456.	1.2	138
79	Establishment success in a forest biodiversity and ecosystem functioning experiment in subtropical China (BEF-China). <i>European Journal of Forest Research</i> , 2013, 132, 593-606.	1.1	135
80	Interaction diversity within quantified insect food webs in restored and adjacent intensively managed meadows. <i>Journal of Animal Ecology</i> , 2007, 76, 1015-1025.	1.3	134
81	Growth Variation in a Naturally Established Population of <i>Pinus Sylvestris</i> . <i>Ecology</i> , 1994, 75, 660-670.	1.5	128
82	Belowground nitrogen partitioning in experimental grassland plant communities of varying species richness. <i>Ecology</i> , 2009, 90, 1389-1399.	1.5	126
83	Analysis of variance with unbalanced data: an update for ecology & evolution. <i>Journal of Animal Ecology</i> , 2010, 79, 308-316.	1.3	126
84	Genetic isolation of fragmented populations is exacerbated by drift and selection. <i>Journal of Evolutionary Biology</i> , 2007, 20, 534-542.	0.8	123
85	Global leaf nitrogen and phosphorus stoichiometry and their scaling exponent. <i>National Science Review</i> , 2018, 5, 728-739.	4.6	121
86	A LONG-TERM FIELD STUDY ON BIODIVERSITY – ELEVATED CO ₂ INTERACTIONS IN GRASSLAND. <i>Ecological Monographs</i> , 2001, 71, 341-356.	2.4	120
87	Does biodiversity increase spatial stability in plant community biomass?. <i>Ecology Letters</i> , 2008, 11, 338-347.	3.0	120
88	Contribution of epigenetic variation to adaptation in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2018, 9, 4446.	5.8	118
89	Aboveground overyielding in grassland mixtures is associated with reduced biomass partitioning to belowground organs. <i>Ecology</i> , 2009, 90, 1520-1530.	1.5	117
90	Aesthetic quality of agricultural landscape elements in different seasonal stages in Switzerland. <i>Landscape and Urban Planning</i> , 2015, 133, 67-77.	3.4	116

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91	Plant traits alone are poor predictors of ecosystem properties and long-term ecosystem functioning. <i>Nature Ecology and Evolution</i> , 2020, 4, 1602-1611.	3.4	114
92	Effects of intraspecific competition on size variation and reproductive allocation in a clonal plant. <i>Oikos</i> , 2001, 94, 515-524.	1.2	110
93	NO EVIDENCE FOR AN EVOLUTIONARY INCREASED COMPETITIVE ABILITY IN AN INVASIVE PLANT. <i>Ecology</i> , 2003, 84, 2816-2823.	1.5	110
94	Biodiversity Promotes Tree Growth during Succession in Subtropical Forest. <i>PLoS ONE</i> , 2013, 8, e81246.	1.1	110
95	Effects of Genetic Diversity in Experimental Stands of <i>Solidago Altissima</i> – Evidence for the Potential Role of Pathogens as Selective Agents in Plant Populations. <i>Journal of Ecology</i> , 1994, 82, 165.	1.9	109
96	Size dependency of sexual reproduction and of clonal growth in two perennial plants. <i>Canadian Journal of Botany</i> , 1995, 73, 1831-1837.	1.2	109
97	Clonal Integration and Population Structure in Perennials: Effects of Severing Rhizome Connections. <i>Ecology</i> , 1987, 68, 2016-2022.	1.5	108
98	Multispecies forest plantations outyield monocultures across a broad range of conditions. <i>Science</i> , 2022, 376, 865-868.	6.0	107
99	Plant-pollinator network assembly along the chronosequence of a glacier foreland. <i>Oikos</i> , 2010, 119, 1610-1624.	1.2	106
100	A link between plant diversity, elevated CO ₂ and soil nitrate. <i>Oecologia</i> , 2001, 127, 540-548.	0.9	105
101	Identifying population- and community-level mechanisms of diversity-stability relationships in experimental grasslands. <i>Journal of Ecology</i> , 2011, 99, 1460-1469.	1.9	105
102	On the combined effect of soil fertility and topography on tree growth in subtropical forest ecosystems—a study from SE China. <i>Journal of Plant Ecology</i> , 2017, 10, 111-127.	1.2	102
103	Biodiversity promotes primary productivity and growing season lengthening at the landscape scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10160-10165.	3.3	102
104	Plant foraging and dynamic competition between branches of <i>Pinus sylvestris</i> in contrasting light environments. <i>Journal of Ecology</i> , 1998, 86, 934-945.	1.9	101
105	Effects of plant diversity on Collembola in an experimental grassland ecosystem. <i>Oikos</i> , 2004, 106, 51-60.	1.2	100
106	Biodiversity and ecosystem functioning: reconciling the results of experimental and observational studies. <i>Functional Ecology</i> , 2007, 21, 998-1002.	1.7	100
107	Diversity and asynchrony in soil microbial communities stabilizes ecosystem functioning. <i>ELife</i> , 2021, 10, .	2.8	100
108	Effects of population size and pollen diversity on reproductive success and offspring size in the narrow endemic <i>Cochlearia bavarica</i> (Brassicaceae). <i>American Journal of Botany</i> , 2002, 89, 1250-1259.	0.8	99

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109	EFFECTS OF MATERNAL AND PATERNAL ENVIRONMENT AND GENOTYPE ON OFFSPRING PHENOTYPE IN <i>SOLIDAGO ALTISSIMA</i> L. Evolution; International Journal of Organic Evolution, 1994, 48, 1525-1549.	1.1	97
110	Clonal integration and effects of simulated herbivory in old-field perennials. Oecologia, 1988, 75, 465-471.	0.9	95
111	Diversity Promotes Temporal Stability across Levels of Ecosystem Organization in Experimental Grasslands. PLoS ONE, 2010, 5, e13382.	1.1	95
112	Precipitation modifies the effects of warming and nitrogen addition on soil microbial communities in northern Chinese grasslands. Soil Biology and Biochemistry, 2015, 89, 12-23.	4.2	95
113	A multitrophic perspective on biodiversity–ecosystem functioning research. Advances in Ecological Research, 2019, 61, 1-54.	1.4	95
114	The Jena Experiment: six years of data from a grassland biodiversity experiment. Ecology, 2010, 91, 930-931.	1.5	94
115	Geophagy by large mammals at natural licks in the rain forest of the Dzanga National Park, Central African Republic. Journal of Tropical Ecology, 1998, 14, 829-839.	0.5	93
116	The results of biodiversity–ecosystem functioning experiments are realistic. Nature Ecology and Evolution, 2020, 4, 1485-1494.	3.4	93
117	Effects of plant diversity on invertebrate herbivory in experimental grassland. Oecologia, 2006, 147, 489-500.	0.9	92
118	A comparison of the strength of biodiversity effects across multiple functions. Oecologia, 2013, 173, 223-237.	0.9	91
119	A trait-based experimental approach to understand the mechanisms underlying biodiversity–ecosystem functioning relationships. Basic and Applied Ecology, 2014, 15, 229-240.	1.2	91
120	Rapid decay of diversity-productivity relationships after invasion of experimental plant communities. Basic and Applied Ecology, 2004, 5, 5-14.	1.2	90
121	Complementary nitrogen use among potentially dominant species in a biodiversity experiment varies between two years. Journal of Ecology, 2008, 96, 477-488.	1.9	89
122	Plant diversity maintains long-term ecosystem productivity under frequent drought by increasing short-term variation. Ecology, 2017, 98, 2952-2961.	1.5	89
123	Effects of biodiversity strengthen over time as ecosystem functioning declines at low and increases at high biodiversity. Ecosphere, 2016, 7, e01619.	1.0	87
124	A Linear Model Method for Biodiversity–Ecosystem Functioning Experiments. American Naturalist, 2009, 174, 836-849.	1.0	85
125	Biodiversity promotes ecosystem functioning despite environmental change. Ecology Letters, 2022, 25, 555-569.	3.0	85
126	PLASTIC RELATIONSHIPS BETWEEN REPRODUCTIVE AND VEGETATIVE MASS IN <i>SOLIDAGO ALTISSIMA</i> . Evolution; International Journal of Organic Evolution, 1993, 47, 61-74.	1.1	84

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127	Interactive effects of diversity, nutrients and elevated CO ₂ on experimental plant communities. <i>Oikos</i> , 2002, 97, 337-348.	1.2	84
128	Linking individual-level functional traits to tree growth in a subtropical forest. <i>Ecology</i> , 2016, 97, 2396-2405.	1.5	84
129	A guide to analyzing biodiversity experiments. <i>Journal of Plant Ecology</i> , 2017, 10, 91-110.	1.2	84
130	Functional diversity effects on productivity increase with age in a forest biodiversity experiment. <i>Nature Ecology and Evolution</i> , 2021, 5, 1594-1603.	3.4	83
131	Clonal integration in <i>Ranunculus reptans</i> : by-product or adaptation?. <i>Journal of Evolutionary Biology</i> , 2000, 13, 237-248.	0.8	82
132	Differential effects of plant diversity on functional trait variation of grass species. <i>Annals of Botany</i> , 2011, 107, 157-169.	1.4	80
133	Plant traits affecting herbivory on tree recruits in highly diverse subtropical forests. <i>Ecology Letters</i> , 2012, 15, 732-739.	3.0	80
134	Functionally and phylogenetically diverse plant communities key to soil biota. <i>Ecology</i> , 2013, 94, 1878-1885.	1.5	80
135	Seed dynamics and seedling establishment in the invading perennial <i>Solidago altissima</i> under different experimental treatments. <i>Journal of Ecology</i> , 1999, 87, 28-41.	1.9	79
136	GROWTH RATES, SEED SIZE, AND PHYSIOLOGY: DO SMALL-SEEDED SPECIES REALLY GROW FASTER. <i>Ecology</i> , 2008, 89, 1352-1363.	1.5	79
137	Non-random species extinction and plant production: implications for ecosystem functioning. <i>Journal of Applied Ecology</i> , 2005, 42, 13-24.	1.9	78
138	Soil Environmental Conditions and Microbial Build-Up Mediate the Effect of Plant Diversity on Soil Nitrifying and Denitrifying Enzyme Activities in Temperate Grasslands. <i>PLoS ONE</i> , 2013, 8, e61069.	1.1	78
139	Transgene-Environment Interactions in Genetically Modified Wheat. <i>PLoS ONE</i> , 2010, 5, e11405.	1.1	76
140	Effects of Maternal and Paternal Environment and Genotype on Offspring Phenotype in <i>Solidago altissima</i> L. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 1525.	1.1	75
141	Predator Diversity and Abundance Provide Little Support for the Enemies Hypothesis in Forests of High Tree Diversity. <i>PLoS ONE</i> , 2011, 6, e22905.	1.1	74
142	Biotic homogenization destabilizes ecosystem functioning by decreasing spatial asynchrony. <i>Ecology</i> , 2021, 102, e03332.	1.5	74
143	Species richness and identity affect the use of aboveground space in experimental grasslands. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2008, 10, 73-87.	1.1	73
144	Can niche plasticity promote biodiversity-productivity relationships through increased complementarity?. <i>Ecology</i> , 2017, 98, 1104-1116.	1.5	73

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145	Detecting the role of individual species foroveryielding in experimental grassland communities composed of potentially dominant species. <i>Oecologia</i> , 2007, 154, 535-549.	0.9	72
146	Biology, chance, or history? The predictable reassembly of temperate grassland communities. <i>Ecology</i> , 2010, 91, 408-421.	1.5	72
147	Species richness stabilizes productivity via asynchrony and drought-tolerance diversity in a large-scale tree biodiversity experiment. <i>Science Advances</i> , 2021, 7, eabk1643.	4.7	72
148	EXPERIMENTAL LIFE-HISTORY EVOLUTION: SELECTION ON THE ALLOCATION TO SEXUAL REPRODUCTION AND ITS PLASTICITY IN A CLONAL PLANT. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 2168-2177.	1.1	71
149	Consequences of species loss for ecosystem functioning: meta-analyses of data from biodiversity experiments. , 2009, , 14-29.		71
150	Effects of nitrogen deposition on soil microbial communities in temperate and subtropical forests in China. <i>Science of the Total Environment</i> , 2017, 607-608, 1367-1375.	3.9	70
151	Positive effects of tree species diversity on litterfall quantity and quality along a secondary successional chronosequence in a subtropical forest. <i>Journal of Plant Ecology</i> , 2017, 10, 28-35.	1.2	70
152	Complementarity among species in horizontal versus vertical rooting space. <i>Journal of Plant Ecology</i> , 2008, 1, 33-41.	1.2	69
153	Taxonomic, phylogenetic, and environmental tradeoffs between leaf productivity and persistence. <i>Ecology</i> , 2009, 90, 2779-2791.	1.5	69
154	The global significance of biodiversity science in China: an overview. <i>National Science Review</i> , 2021, 8, nwab032.	4.6	68
155	Variation in species richness of plants and diverse groups of invertebrates in three calcareous grasslands of the Swiss Jura mountains. <i>Revue Suisse De Zoologie</i> , 1996, 103, 801-833.	0.1	68
156	POPULATION SIZE AND THE NATURE OF GENETIC LOAD IN <i>GENTIANELLA GERMANICA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2242-2251.	1.1	67
157	Community evolution increases plant productivity at low diversity. <i>Ecology Letters</i> , 2018, 21, 128-137.	3.0	67
158	Effects of ecological compensation meadows on arthropod diversity in adjacent intensively managed grassland. <i>Biological Conservation</i> , 2010, 143, 642-649.	1.9	66
159	Plant foraging and rhizome growth patterns of <i>Solidago altissima</i> in response to mowing and fertilizer application. <i>Journal of Ecology</i> , 1998, 86, 341-354.	1.9	65
160	Influence of plant diversity and elevated atmospheric carbon dioxide levels on belowground bacterial diversity. <i>BMC Microbiology</i> , 2006, 6, 68.	1.3	65
161	COSTS OF PLASTICITY IN FORAGING CHARACTERISTICS OF THE CLONAL PLANT <i>RANUNCULUS REPTANS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1947-1955.	1.1	64
162	Genetic Allee effects on performance, plasticity and developmental stability in a clonal plant. <i>Ecology Letters</i> , 2000, 3, 530-539.	3.0	64

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163	Clonal Growth in Grassland Perennials: III. Genetic Variation and Plasticity Between and Within Populations of <i>Bellis Perennis</i> and <i>Prunella Vulgaris</i> . <i>Journal of Ecology</i> , 1985, 73, 819.	1.9	63
164	The Functioning of European Grassland Ecosystems: Potential Benefits of Biodiversity to Agriculture. <i>Outlook on Agriculture</i> , 2001, 30, 179-185.	1.8	63
165	Comparison of the effects of artificial and natural barriers on large African carnivores: Implications for interspecific relationships and connectivity. <i>Journal of Animal Ecology</i> , 2013, 82, 707-715.	1.3	63
166	A functional trait-based approach to understand community assembly and diversity-productivity relationships over 7 years in experimental grasslands. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2013, 15, 139-149.	1.1	63
167	Title is missing!. <i>Conservation Genetics</i> , 2002, 3, 131-144.	0.8	62
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413	Local and landscape-level diversity effects on forest functioning. , 2020, 15, e0233104.		0
414	Local and landscape-level diversity effects on forest functioning. , 2020, 15, e0233104.		0

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415	Local and landscape-level diversity effects on forest functioning. , 2020, 15, e0233104.		0