

Michel Loreau

List of Publications by Year in descending order

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Version: 2024-02-01

237
papers

33,982
citations

8172

76
h-index

4338

173
g-index

246
all docs

246
docs citations

246
times ranked

27490
citing authors

#	ARTICLE	IF	CITATIONS
1	Expert perspectives on global biodiversity loss and its drivers and impacts on people. <i>Frontiers in Ecology and the Environment</i> , 2023, 21, 94-103.	1.9	49
2	A graphical causal model for resolving species identity effects and biodiversityâ€ecosystem function correlations: comment. <i>Ecology</i> , 2022, 103, e03378.	1.5	3
3	Phytoplankton diversity affects biomass and energy production differently during community development. <i>Functional Ecology</i> , 2022, 36, 446-457.	1.7	9
4	Nutrient cycling and selfâ€regulation determine food web stability. <i>Functional Ecology</i> , 2022, 36, 202-213.	1.7	2
5	Habitat percolation transition undermines sustainability in socialâ€ecological agricultural systems. <i>Ecology Letters</i> , 2022, 25, 163-176.	3.0	4
6	The hidden role of multiâ€trophic interactions in driving diversityâ€productivity relationships. <i>Ecology Letters</i> , 2022, 25, 405-415.	3.0	16
7	Humanâ€nature connectedness as a pathway to sustainability: A global metaâ€analysis. <i>Conservation Letters</i> , 2022, 15, e12852.	2.8	59
8	Do not downplay biodiversity loss. <i>Nature</i> , 2022, 601, E27-E28.	13.7	17
9	Multispecies forest plantations outyield monocultures across a broad range of conditions. <i>Science</i> , 2022, 376, 865-868.	6.0	107
10	Thermal mismatches in biological rates determine trophic control and biomass distribution under warming. <i>Global Change Biology</i> , 2021, 27, 257-269.	4.2	21
11	Context-dependency of tree species diversity, trait composition and stand structural attributes regulate temperate forest multifunctionality. <i>Science of the Total Environment</i> , 2021, 757, 143724.	3.9	19
12	Can biomass distribution across trophic levels predict trophic cascades?. <i>Ecology Letters</i> , 2021, 24, 464-476.	3.0	9
13	Unequal access to resources undermines global sustainability. <i>Science of the Total Environment</i> , 2021, 763, 142981.	3.9	6
14	Scaling up biodiversityâ€ecosystem functioning relationships: the role of environmental heterogeneity in space and time. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202779.	1.2	24
15	A macroâ€ecological approach to predation densityâ€dependence. <i>Oikos</i> , 2021, 130, 553-570.	1.2	7
16	Divergent aboveâ€and belowâ€ground biodiversity pathways mediate disturbance impacts on temperate forest multifunctionality. <i>Global Change Biology</i> , 2021, 27, 2883-2894.	4.2	30
17	Biotic homogenization destabilizes ecosystem functioning by decreasing spatial asynchrony. <i>Ecology</i> , 2021, 102, e03332.	1.5	74
18	Consistently positive effect of species diversity on ecosystem, but not population, temporal stability. <i>Ecology Letters</i> , 2021, 24, 2256-2266.	3.0	56

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19	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. <i>Scientific Data</i> , 2021, 8, 136.	2.4	29
20	General statistical scaling laws for stability in ecological systems. <i>Ecology Letters</i> , 2021, 24, 1474-1486.	3.0	32
21	How complementarity and selection affect the relationship between ecosystem functioning and stability. <i>Ecology</i> , 2021, 102, e03347.	1.5	38
22	Synchrony and Perturbation Transmission in Trophic Metacommunities. <i>American Naturalist</i> , 2021, 197, E188-E203.	1.0	8
23	Biodiversity as insurance: from concept to measurement and application. <i>Biological Reviews</i> , 2021, 96, 2333-2354.	4.7	101
24	Biodiversity-productivity relationships are key to nature-based climate solutions. <i>Nature Climate Change</i> , 2021, 11, 543-550.	8.1	77
25	Scale-dependent shifts in functional and phylogenetic structure of Mediterranean island plant communities over two centuries. <i>Journal of Ecology</i> , 2021, 109, 3513.	1.9	5
26	Consistent functional clusters explain the effects of biodiversity on ecosystem productivity in a long-term experiment. <i>Ecology</i> , 2021, 102, e03441.	1.5	6
27	Tree species diversity enhances plant-soil interactions in a temperate forest in northeast China. <i>Forest Ecology and Management</i> , 2021, 491, 119160.	1.4	10
28	Habitat fragmentation and food security in crop pollination systems. <i>Journal of Ecology</i> , 2021, 109, 2991-3006.	1.9	9
29	Universal scaling of robustness of ecosystem services to species loss. <i>Nature Communications</i> , 2021, 12, 5167.	5.8	19
30	Metapopulation capacity determines food chain length in fragmented landscapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
31	Predator avoidance and foraging for food shape synchrony and response to perturbations in trophic metacommunities. <i>Journal of Theoretical Biology</i> , 2021, 528, 110836.	0.8	8
32	Fingerprints of High-Dimensional Coexistence in Complex Ecosystems. <i>Physical Review X</i> , 2021, 11, .	2.8	18
33	Grand challenges in biodiversity-ecosystem functioning research in the era of science-policy platforms require explicit consideration of feedbacks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210783.	1.2	8
34	Towards an integrative understanding of soil biodiversity. <i>Biological Reviews</i> , 2020, 95, 350-364.	4.7	97
35	Reconciling biodiversity conservation, food production and farmers' demand in agricultural landscapes. <i>Ecological Modelling</i> , 2020, 416, 108889.	1.2	31
36	Agricultural land use and the sustainability of social-ecological systems. <i>Ecological Modelling</i> , 2020, 437, 109312.	1.2	25

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37	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. <i>Nature Communications</i> , 2020, 11, 5375.	5.8	75
38	Organizing principles for vegetation dynamics. <i>Nature Plants</i> , 2020, 6, 444-453.	4.7	95
39	How community adaptation affects biodiversityâ€ecosystem functioning relationships. <i>Ecology Letters</i> , 2020, 23, 1263-1275.	3.0	25
40	Aboveâ€and belowâ€ground biodiversity jointly regulate temperate forest multifunctionality along a localâ€scale environmental gradient. <i>Journal of Ecology</i> , 2020, 108, 2012-2024.	1.9	74
41	Community efficiency during succession: a test of MacArthur's minimization principle in phytoplankton communities. <i>Ecology</i> , 2020, 101, e03015.	1.5	4
42	Scalingâ€up biodiversityâ€ecosystem functioning research. <i>Ecology Letters</i> , 2020, 23, 757-776.	3.0	270
43	Disentangling local, metapopulation, and crossâ€community sources of stabilization and asynchrony in metacommunities. <i>Ecosphere</i> , 2020, 11, e03078.	1.0	23
44	Why do forests respond differently to nitrogen deposition? A modelling approach. <i>Ecological Modelling</i> , 2020, 425, 109034.	1.2	6
45	Ecotone formation through ecological niche construction: the role of biodiversity and species interactions. <i>Ecography</i> , 2020, 43, 714-723.	2.1	15
46	How to estimate complementarity and selection effects from an incomplete sample of species. <i>Methods in Ecology and Evolution</i> , 2019, 10, 2141-2152.	2.2	20
47	The inherent multidimensionality of temporal variability: how common and rare species shape stability patterns. <i>Ecology Letters</i> , 2019, 22, 1557-1567.	3.0	57
48	Global evidence of positive biodiversity effects on spatial ecosystem stability in natural grasslands. <i>Nature Communications</i> , 2019, 10, 3207.	5.8	59
49	Nutrient-induced shifts of dominant species reduce ecosystem stability via increases in species synchrony and population variability. <i>Science of the Total Environment</i> , 2019, 692, 441-449.	3.9	32
50	Measuring resilience is essential to understand it. <i>Nature Sustainability</i> , 2019, 2, 895-897.	11.5	76
51	Global distribution of earthworm diversity. <i>Science</i> , 2019, 366, 480-485.	6.0	248
52	Temporal stability of aboveground biomass is governed by species asynchrony in temperate forests. <i>Ecological Indicators</i> , 2019, 107, 105661.	2.6	23
53	Linking scaling laws across eukaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21616-21622.	3.3	95
54	Superorganisms or loose collections of species? A unifying theory of community patterns along environmental gradients. <i>Ecology Letters</i> , 2019, 22, 1243-1252.	3.0	52

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55	Not even wrong: Comment by Loreau and Hector. <i>Ecology</i> , 2019, 100, e02794.	1.5	13
56	Stability and synchrony across ecological hierarchies in heterogeneous metacommunities: linking theory to data. <i>Ecography</i> , 2019, 42, 1200-1211.	2.1	89
57	An ecological theory of changing human population dynamics. <i>People and Nature</i> , 2019, 1, 31-43.	1.7	25
58	Seasonal patterns in species diversity across biomes. <i>Ecology</i> , 2019, 100, e02627.	1.5	21
59	Broadly inflicted stressors can cause ecosystem thinning. <i>Theoretical Ecology</i> , 2019, 12, 207-223.	0.4	2
60	Multiple abiotic and biotic pathways shape biomass demographic processes in temperate forests. <i>Ecology</i> , 2019, 100, e02650.	1.5	66
61	Tradeoffs in the provisioning and stability of ecosystem services in agroecosystems. <i>Ecological Applications</i> , 2019, 29, e01853.	1.8	38
62	Spatial evolutionary dynamics produce a negative cooperation-population size relationship. <i>Theoretical Population Biology</i> , 2019, 125, 94-101.	0.5	7
63	Pyramids and cascades: a synthesis of food chain functioning and stability. <i>Ecology Letters</i> , 2019, 22, 405-419.	3.0	68
64	The three regimes of spatial recovery. <i>Ecology</i> , 2019, 100, e02586.	1.5	31
65	Nitrogen addition does not reduce the role of spatial asynchrony in stabilising grassland communities. <i>Ecology Letters</i> , 2019, 22, 563-571.	3.0	75
66	The mechanics of predator-prey interactions: First principles of physics predict predator-prey size ratios. <i>Functional Ecology</i> , 2019, 33, 323-334.	1.7	52
67	Ecological autocatalysis: a central principle in ecosystem organization?. <i>Ecological Monographs</i> , 2018, 88, 304-319.	2.4	32
68	Quantifying effects of biodiversity on ecosystem functioning across times and places. <i>Ecology Letters</i> , 2018, 21, 763-778.	3.0	157
69	Abiotic and biotic determinants of coarse woody productivity in temperate mixed forests. <i>Science of the Total Environment</i> , 2018, 630, 422-431.	3.9	49
70	Do we have to choose between feeding the human population and conserving nature? Modelling the global dependence of people on ecosystem services. <i>Science of the Total Environment</i> , 2018, 634, 1463-1474.	3.9	48
71	Generic assembly patterns in complex ecological communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2156-2161.	3.3	141
72	Is local biodiversity declining or not? A summary of the debate over analysis of species richness time trends. <i>Biological Conservation</i> , 2018, 219, 175-183.	1.9	127

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73	The relationship between the spatial scaling of biodiversity and ecosystem stability. <i>Global Ecology and Biogeography</i> , 2018, 27, 439-449.	2.7	30
74	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
75	Comparing species interaction networks along environmental gradients. <i>Biological Reviews</i> , 2018, 93, 785-800.	4.7	203
76	Scale dependence of the diversity-stability relationship in a temperate grassland. <i>Journal of Ecology</i> , 2018, 106, 1277-1285.	1.9	33
77	Stability trophic cascades in food chains. <i>Royal Society Open Science</i> , 2018, 5, 180995.	1.1	22
78	Habitat choice meets thermal specialization: Competition with specialists may drive suboptimal habitat preferences in generalists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11988-11993.	3.3	50
79	The Impact of Spatial and Temporal Dimensions of Disturbances on Ecosystem Stability. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, 224.	1.1	38
80	Species dispersal and biodiversity in human-dominated metacommunities. <i>Journal of Theoretical Biology</i> , 2018, 457, 199-210.	0.8	10
81	Testing MacArthur's minimisation principle: do communities minimise energy wastage during succession?. <i>Ecology Letters</i> , 2018, 21, 1182-1190.	3.0	8
82	Aboveground carbon storage is driven by functional trait composition and stand structural attributes rather than biodiversity in temperate mixed forests recovering from disturbances. <i>Annals of Forest Science</i> , 2018, 75, 1.	0.8	72
83	Climate variability decreases species richness and community stability in a temperate grassland. <i>Oecologia</i> , 2018, 188, 183-192.	0.9	74
84	A combinatorial analysis using observational data identifies species that govern ecosystem functioning. <i>PLoS ONE</i> , 2018, 13, e0201135.	1.1	6
85	How ecological feedbacks between human population and land cover influence sustainability. <i>PLoS Computational Biology</i> , 2018, 14, e1006389.	1.5	22
86	The strength of the biodiversity-ecosystem function relationship depends on spatial scale. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180038.	1.2	82
87	Environmental responses, not species interactions, determine synchrony of dominant species in semiarid grasslands. <i>Ecology</i> , 2017, 98, 971-981.	1.5	43
88	Mowing exacerbates the loss of ecosystem stability under nitrogen enrichment in a temperate grassland. <i>Functional Ecology</i> , 2017, 31, 1637-1646.	1.7	71
89	Diversity spurs diversification in ecological communities. <i>Nature Communications</i> , 2017, 8, 15810.	5.8	133
90	An invariability-area relationship sheds new light on the spatial scaling of ecological stability. <i>Nature Communications</i> , 2017, 8, 15211.	5.8	61

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91	Linking the influence and dependence of people on biodiversity across scales. <i>Nature</i> , 2017, 546, 65-72.	13.7	474
92	Connecting models, data, and concepts to understand fragmentation's ecosystem-wide effects. <i>Ecography</i> , 2017, 40, 1-8.	2.1	137
93	Breaking Through Ecosystem Boundaries. <i>Bulletin of the Ecological Society of America</i> , 2017, 98, 95-98.	0.2	2
94	Defector clustering is linked to cooperation in a pathogenic bacterium. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20172001.	1.2	12
95	Relationships among ecological traits of wild bee communities along gradients of habitat amount and fragmentation. <i>Ecography</i> , 2017, 40, 85-97.	2.1	74
96	Spatial ecological networks: planning for sustainability in the long-term. <i>Current Opinion in Environmental Sustainability</i> , 2017, 29, 187-197.	3.1	46
97	Soil fauna: key to new carbon models. <i>Soil</i> , 2016, 2, 565-582.	2.2	149
98	Nitrogen enrichment weakens ecosystem stability through decreased species asynchrony and population stability in a temperate grassland. <i>Global Change Biology</i> , 2016, 22, 1445-1455.	4.2	139
99	Biodiversity and ecosystem stability across scales in metacommunities. <i>Ecology Letters</i> , 2016, 19, 510-518.	3.0	213
100	Understanding the value of plant diversity for ecosystem functioning through niche theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160536.	1.2	96
101	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
102	Multiple metrics of diversity have different effects on temperate forest functioning over succession. <i>Oecologia</i> , 2016, 182, 1175-1185.	0.9	48
103	Ecological constraints increase the climatic debt in forests. <i>Nature Communications</i> , 2016, 7, 12643.	5.8	108
104	Biotic regulation of non-limiting nutrient pools and coupling of biogeochemical cycles. <i>Ecological Modelling</i> , 2016, 334, 1-7.	1.2	0
105	Estimating local biodiversity change: a critique of papers claiming no net loss of local diversity. <i>Ecology</i> , 2016, 97, 1949-1960.	1.5	224
106	Size-related effects of physical factors on phytoplankton communities. <i>Ecological Modelling</i> , 2016, 323, 41-50.	1.2	16
107	Contributions of a global network of tree diversity experiments to sustainable forest plantations. <i>Ambio</i> , 2016, 45, 29-41.	2.8	203
108	REVIEW: Predictive ecology in a changing world. <i>Journal of Applied Ecology</i> , 2015, 52, 1293-1310.	1.9	237

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109	Emergence of nutrient co-limitation through movement in stoichiometric meta-ecosystems. <i>Ecology Letters</i> , 2015, 18, 1163-1173.	3.0	36
110	Robustness of mutualistic networks under phenological change and habitat destruction. <i>Oikos</i> , 2015, 124, 22-32.	1.2	38
111	Local densities connect spatial ecology to game, multilevel selection and inclusive fitness theories of cooperation. <i>Journal of Theoretical Biology</i> , 2015, 380, 414-425.	0.8	10
112	Patchiness in a microhabitat chip affects evolutionary dynamics of bacterial cooperation. <i>Lab on A Chip</i> , 2015, 15, 3723-3729.	3.1	6
113	Biodiversity, productivity, and the spatial insurance hypothesis revisited. <i>Journal of Theoretical Biology</i> , 2015, 380, 426-435.	0.8	41
114	Modeling the direct and indirect effects of copper on phytoplankton-zooplankton interactions. <i>Aquatic Toxicology</i> , 2015, 162, 73-81.	1.9	27
115	Can Organisms Regulate Global Biogeochemical Cycles?. <i>Ecosystems</i> , 2015, 18, 813-825.	1.6	4
116	Regulation of Redfield ratios in the deep ocean. <i>Global Biogeochemical Cycles</i> , 2015, 29, 254-266.	1.9	14
117	Biodiversity increases the resistance of ecosystem productivity to climate extremes. <i>Nature</i> , 2015, 526, 574-577.	13.7	1,032
118	The predator-prey power law: Biomass scaling across terrestrial and aquatic biomes. <i>Science</i> , 2015, 349, aac6284.	6.0	235
119	A Graphical-Mechanistic Approach to Spatial Resource Competition. <i>American Naturalist</i> , 2015, 185, E1-E13.	1.0	14
120	The biodiversity-dependent ecosystem service debt. <i>Ecology Letters</i> , 2015, 18, 119-134.	3.0	146
121	Dispersal and metapopulation stability. <i>PeerJ</i> , 2015, 3, e1295.	0.9	41
122	Meta-ecosystem dynamics and functioning on finite spatial networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132094.	1.2	49
123	(A bit) Earlier or later is always better: Phenological shifts in consumer-resource interactions. <i>Theoretical Ecology</i> , 2014, 7, 149-162.	0.4	25
124	General relationships between consumer dispersal, resource dispersal and metacommunity diversity. <i>Ecology Letters</i> , 2014, 17, 175-184.	3.0	52
125	Ecosystem stability in space: $\hat{\mu}$, $\hat{\sigma}^2$ and $\hat{\sigma}^3$ variability. <i>Ecology Letters</i> , 2014, 17, 891-901.	3.0	200
126	Differential responses of size-based functional groups to bottom-up and top-down perturbations in pelagic food webs: a meta-analysis. <i>Oikos</i> , 2014, 123, 1291-1300.	1.2	34

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127	Tropical tree diversity enhances light capture through crown plasticity and spatial and temporal niche differences. <i>Ecology</i> , 2014, 95, 2479-2492.	1.5	178
128	Species Richness and the Temporal Stability of Biomass Production: A New Analysis of Recent Biodiversity Experiments. <i>American Naturalist</i> , 2014, 183, 1-12.	1.0	309
129	Human impacts on minimum subsets of species critical for maintaining ecosystem structure. <i>Basic and Applied Ecology</i> , 2013, 14, 623-629.	1.2	3
130	Beyond shading: Litter production by neighbors contributes to overyielding in tropical trees. <i>Ecology</i> , 2013, 94, 941-952.	1.5	25
131	Biodiversity and ecosystem stability: a synthesis of underlying mechanisms. <i>Ecology Letters</i> , 2013, 16, 106-115.	3.0	780
132	Predicting ecosystem stability from community composition and biodiversity. <i>Ecology Letters</i> , 2013, 16, 617-625.	3.0	251
133	Plant "herbivore" decomposer stoichiometric mismatches and nutrient cycling in ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122453.	1.2	59
134	Unifying sources and sinks in ecology and Earth sciences. <i>Biological Reviews</i> , 2013, 88, 365-379.	4.7	85
135	Evolution of Dispersal in a Predator-Prey Metacommunity. <i>American Naturalist</i> , 2012, 179, 204-216.	1.0	24
136	Niche and fitness differences relate the maintenance of diversity to ecosystem function: comment. <i>Ecology</i> , 2012, 93, 1482-1487.	1.5	58
137	Biodiversity loss and its impact on humanity. <i>Nature</i> , 2012, 486, 59-67.	13.7	4,969
138	Interactive effects of nutrient enrichment and the manipulation of intermediate hosts by parasites on infection prevalence and food web structure. <i>Ecological Modelling</i> , 2012, 228, 1-7.	1.2	3
139	Dynamics of Reciprocal Pulsed Subsidies in Local and Meta-Ecosystems. <i>Ecosystems</i> , 2012, 15, 48-59.	1.6	69
140	Metacommunity theory explains the emergence of food web complexity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19293-19298.	3.3	149
141	High plant diversity is needed to maintain ecosystem services. <i>Nature</i> , 2011, 477, 199-202.	13.7	1,195
142	Niche construction in the light of niche theory. <i>Ecology Letters</i> , 2011, 14, 82-90.	3.0	97
143	A food web perspective on large herbivore community limitation. <i>Ecography</i> , 2011, 34, 196-202.	2.1	40
144	Emergence and maintenance of biodiversity in an evolutionary food-web model. <i>Theoretical Ecology</i> , 2011, 4, 467-478.	0.4	73

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145	A mathematical synthesis of niche and neutral theories in community ecology. <i>Journal of Theoretical Biology</i> , 2011, 269, 150-165.	0.8	87
146	Global Human Footprint on the Linkage between Biodiversity and Ecosystem Functioning in Reef Fishes. <i>PLoS Biology</i> , 2011, 9, e1000606.	2.6	249
147	Consumer-mediated recycling and cascading trophic interactions. <i>Ecology</i> , 2010, 91, 2162-2171.	1.5	42
148	Density-dependent dispersal and relative dispersal affect the stability of predator-prey metacommunities. <i>Journal of Theoretical Biology</i> , 2010, 266, 458-469.	0.8	47
149	A patch-dynamic framework for food web metacommunities. <i>Theoretical Ecology</i> , 2010, 3, 223-237.	0.4	59
150	Nutrient flows between ecosystems can destabilize simple food chains. <i>Journal of Theoretical Biology</i> , 2010, 266, 162-174.	0.8	37
151	Cascading extinctions, functional complementarity, and selection in two-trophic-level model communities: A trait-based mechanistic approach. <i>Journal of Theoretical Biology</i> , 2010, 267, 375-387.	0.8	4
152	Towards a more biologically realistic use of Droop's equations to model growth under multiple nutrient limitation. <i>Oikos</i> , 2010, 119, 897-907.	1.2	31
153	Source and sink dynamics in metaecosystems. <i>Ecology</i> , 2010, 91, 2172-2184.	1.5	122
154	Patch Dynamics, Persistence, and Species Coexistence in Metaecosystems. <i>American Naturalist</i> , 2010, 176, 289-302.	1.0	66
155	Linking biodiversity and ecosystems: towards a unifying ecological theory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 49-60.	1.8	349
156	From Populations to Ecosystems. , 2010, , .		298
157	Disentangling multiple predator effects in biodiversity and ecosystem functioning research. <i>Journal of Animal Ecology</i> , 2009, 78, 695-698.	1.3	6
158	Trivial and non-trivial applications of entropy maximization in ecology: a reply to Shipley. <i>Oikos</i> , 2009, 118, 1270-1278.	1.2	17
159	Dynamics of a three-species food chain model with adaptive traits. <i>Chaos, Solitons and Fractals</i> , 2009, 41, 2812-2819.	2.5	27
160	When microbes and consumers determine the limiting nutrient of autotrophs: a theoretical analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 487-497.	1.2	35
161	Effects of biodiversity on the functioning of ecosystems: a summary of 164 experimental manipulations of species richness. <i>Ecology</i> , 2009, 90, 854-854.	1.5	36
162	The Causes and Consequences of Compensatory Dynamics in Ecological Communities. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2009, 40, 393-414.	3.8	388

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163	Biodiversity as spatial insurance: the effects of habitat fragmentation and dispersal on ecosystem functioning. , 2009, , 134-146.		45
164	Limitations of entropy maximization in ecology. <i>Oikos</i> , 2008, 117, 1700-1710.	1.2	52
165	Light partitioning in experimental grass communities. <i>Oikos</i> , 2008, 117, 1351-1361.	1.2	70
166	Ecological and evolutionary consequences of niche construction for its agent. <i>Ecology Letters</i> , 2008, 11, 1072-1081.	3.0	110
167	Subsidy hypothesis and strength of trophic cascades across ecosystems. <i>Ecology Letters</i> , 2008, 11, 1147-1156.	3.0	235
168	Biodiversity and Ecosystem Functioning: The Mystery of the Deep Sea. <i>Current Biology</i> , 2008, 18, R126-R128.	1.8	45
169	Nontrophic Interactions, Biodiversity, and Ecosystem Functioning: An Interaction Web Model. <i>American Naturalist</i> , 2008, 171, 91-106.	1.0	98
170	Species Synchrony and Its Drivers: Neutral and Nonneutral Community Dynamics in Fluctuating Environments. <i>American Naturalist</i> , 2008, 172, E48-E66.	1.0	488
171	Evolution of Local Facilitation in Arid Ecosystems. <i>American Naturalist</i> , 2008, 172, E1-E17.	1.0	60
172	Biodiversity effects and transgressive overyielding. <i>Journal of Plant Ecology</i> , 2008, 1, 95-102.	1.2	160
173	From selection to complementarity: shifts in the causes of biodiversity-productivity relationships in a long-term biodiversity experiment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 871-876.	1.2	375
174	Cascading extinctions and ecosystem functioning: contrasting effects of diversity depending on food web structure. <i>Oikos</i> , 2007, 116, 163-173.	1.2	85
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