List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Games researchers play: conceptual advancement versus validation strategies. Trends in Ecology and Evolution, 2022, 37, 399-401.	8.7	1
2	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	12.6	62
3	Disturbanceâ€induced emigration: an overlooked mechanism that reduces metapopulation extinction risk. Ecology, 2021, 102, e03423.	3.2	3
4	Species compositions mediate biomass conservation: The case of lake fish communities. Ecology, 2021, , e3608.	3.2	3
5	The spatial frequency of climatic conditions affects niche composition and functional diversity of species assemblages: the case of Angiosperms. Ecology Letters, 2020, 23, 254-264.	6.4	12
6	The interaction of phylogeny and community structure: Linking the community composition and trait evolutionÂof clades. Global Ecology and Biogeography, 2019, 28, 1499-1511.	5.8	14
7	Assessing amongâ€lineage variability in phylogenetic imputation of functional trait datasets. Ecography, 2018, 41, 1740-1749.	4.5	26
8	Beyond neutrality: disentangling the effects of species sorting and spurious correlations in community analysis. Ecology, 2018, 99, 1737-1747.	3.2	62
9	Simple parametric tests for trait–environment association. Journal of Vegetation Science, 2018, 29, 801-811.	2.2	27
10	Phenotypeâ€dependent selection underlies patterns of sorting across habitats: the case of streamâ€fishes. Oikos, 2017, 126, 1660-1671.	2.7	7
11	Why phylogenies do not always predict ecological differences. Ecological Monographs, 2017, 87, 535-551.	5.4	148
12	Epidemiological landscape models reproduce cyclic insect outbreaks. Ecological Complexity, 2017, 31, 78-87.	2.9	9
13	A quantitative framework to estimate the relative importance of environment, spatial variation and patch connectivity in driving community composition. Journal of Animal Ecology, 2017, 86, 316-326.	2.8	14
14	Linking trait variation to the environment: critical issues with communityâ€weighted mean correlation resolved by the fourthâ€corner approach. Ecography, 2017, 40, 806-816.	4.5	124
15	A critical issue in model-based inference for studying trait-based community assembly and a solution. PeerJ, 2017, 5, e2885.	2.0	39
16	Will technology trample peer review in ecology? Ongoing issues and potential solutions. Oikos, 2016, 125, 3-9.	2.7	11
17	Climate, history and lifeâ€history strategies interact in explaining differential macroecological patterns in freshwater zooplankton. Global Ecology and Biogeography, 2016, 25, 1454-1465.	5.8	22
18	Deconstructing the relationships between phylogenetic diversity and ecology: a case study on ecosystem functioning. Ecology, 2016, 97, 2212-2222.	3.2	34

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19	Competitive effects between rainbow trout and Atlantic salmon in natural and artificial streams. Ecology of Freshwater Fish, 2016, 25, 248-260.	1.4	12
20	Improving phylogenetic regression under complex evolutionary models. Ecology, 2016, 97, 286-293.	3.2	18
21	Spatial and species compositional networks for inferring connectivity patterns in ecological communities. Global Ecology and Biogeography, 2015, 24, 718-727.	5.8	17
22	Delineating marine ecological units: a novel approach for deciding which taxonomic group to use and which taxonomic resolution to choose. Diversity and Distributions, 2015, 21, 1167-1180.	4.1	7
23	The interaction between the spatial distribution of resource patches and population density: consequences for intraspecific growth and morphology. Journal of Animal Ecology, 2015, 84, 934-942.	2.8	17
24	On the evolution of dispersal via heterogeneity in spatial connectivity. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142879.	2.6	30
25	Phylogenetic gradient analysis: environmental drivers of phylogenetic variation across ecological communities. Plant Ecology, 2015, 216, 709-724.	1.6	13
26	Act to staunch loss of research data. Nature, 2015, 520, 436-436.	27.8	16
27	Determinism of bacterial metacommunity dynamics in the southern East China Sea varies depending on hydrography. Ecography, 2015, 38, 198-212.	4.5	61
28	Convergent polymorphism between stream and lake habitats: the case of brook char. Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 1406-1414.	1.4	15
29	Habitatâ€based polymorphism is common in stream fishes. Journal of Animal Ecology, 2015, 84, 219-227.	2.8	38
30	Spatiotemporal dynamics in a seasonal metacommunity structure is predictable: the case of floodplainâ€fish communities. Ecography, 2014, 37, 464-475.	4.5	113
31	Much beyond Mantel: Bringing Procrustes Association Metric to the Plant and Soil Ecologist's Toolbox. PLoS ONE, 2014, 9, e101238.	2.5	60
32	<scp>MEMGENE</scp> : Spatial pattern detection in genetic distance data. Methods in Ecology and Evolution, 2014, 5, 1116-1120.	5.2	83
33	Early growth trajectories affect sexual responsiveness. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132899.	2.6	4
34	Ecology in the age of <scp>DNA</scp> barcoding: the resource, the promise and the challenges ahead. Molecular Ecology Resources, 2014, 14, 221-232.	4.8	99
35	Combining the fourth orner and the RLQ methods for assessing trait responses to environmental variation. Ecology, 2014, 95, 14-21.	3.2	398
36	Phylogenetic eigenvector maps: a framework to model and predict species traits. Methods in Ecology and Evolution, 2013, 4, 1120-1131.	5.2	91

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37	A community of metacommunities: exploring patterns in species distributions across large geographical areas. Ecology, 2013, 94, 627-639.	3.2	95
38	Effects of foraging and sexual selection on ecomorphology of a fish with alternative reproductive tactics. Behavioral Ecology, 2013, 24, 1339-1347.	2.2	6
39	Inferring explicit weighted consensus networks to represent alternative evolutionary histories. BMC Evolutionary Biology, 2013, 13, 274.	3.2	5
40	Shifts in Climate Foster Exceptional Opportunities for Species Radiation: The Case of South African Geraniums. PLoS ONE, 2013, 8, e83087.	2.5	10
41	Using functional traits to investigate the determinants of crustacean zooplankton community structure. Oikos, 2013, 122, 1700-1709.	2.7	58
42	Using directed phylogenetic networks to retrace species dispersal history. Molecular Phylogenetics and Evolution, 2012, 64, 190-197.	2.7	7
43	Measuring Protectedâ€Area Isolation and Correlations of Isolation with Landâ€Use Intensity and Protection Status. Conservation Biology, 2012, 26, 610-618.	4.7	48
44	Assessing the effects of spatial contingency and environmental filtering on metacommunity phylogenetics. Ecology, 2012, 93, S14.	3.2	105
45	Community ecology in the age of multivariate multiscale spatial analysis. Ecological Monographs, 2012, 82, 257-275.	5.4	506
46	A NEW PHYLOGENETIC METHOD FOR IDENTIFYING EXCEPTIONAL PHENOTYPIC DIVERSIFICATION. Evolution; International Journal of Organic Evolution, 2012, 66, 135-146.	2.3	95
47	Morphological and swim performance variation among reproductive tactics of bluegill sunfish ( <i>Lepomis macrochirus</i> ). Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1802-1810.	1.4	13
48	Influence of agronomic practices, local environment and landscape structure on predatory beetle assemblage. Agriculture, Ecosystems and Environment, 2010, 139, 500-507.	5.3	42
49	Quantifying and disentangling dispersal in metacommunities: how close have we come? How far is there to go?. Landscape Ecology, 2010, 25, 495-507.	4.2	116
50	Metacommunity phylogenetics: separating the roles of environmental filters and historical biogeography. Ecology Letters, 2010, 13, 1290-1299.	6.4	175
51	Estimating and controlling for spatial structure in the study of ecological communities. Global Ecology and Biogeography, 2010, 19, 174-184.	5.8	370
52	Meso-scale distributions of lake zooplankton reveal spatially and temporally varying trophic cascades. Journal of Plankton Research, 2010, 32, 1369-1384.	1.8	21
53	Seasonal trophic dynamics affect zooplankton community variability. Freshwater Biology, 2009, 54, 2351-2363.	2.4	9
54	Using null model analysis of species coâ€occurrences to deconstruct biodiversity patterns and select indicator species. Diversity and Distributions, 2009, 15, 958-971.	4.1	50

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55	ANALYZING OR EXPLAINING BETA DIVERSITY? COMMENT. Ecology, 2008, 89, 3238-3244.	3.2	81
56	Methods to account for spatial autocorrelation in the analysis of species distributional data: a review. Ecography, 2007, 30, 609-628.	4.5	2,522
57	SPATIAL MODELING IN ECOLOGY: THE FLEXIBILITY OF EIGENFUNCTION SPATIAL ANALYSES. Ecology, 2006, 87, 2603-2613.	3.2	523
58	THE ROLE OF ENVIRONMENTAL AND SPATIAL PROCESSES IN STRUCTURING LAKE COMMUNITIES FROM BACTERIA TO FISH. Ecology, 2006, 87, 2985-2991.	3.2	446
59	VARIATION PARTITIONING OF SPECIES DATA MATRICES: ESTIMATION AND COMPARISON OF FRACTIONS. Ecology, 2006, 87, 2614-2625.	3.2	1,875
60	Spatial modelling: a comprehensive framework for principal coordinate analysis of neighbour matrices (PCNM). Ecological Modelling, 2006, 196, 483-493.	2.5	1,572
61	How many principal components? stopping rules for determining the number of non-trivial axes revisited. Computational Statistics and Data Analysis, 2005, 49, 974-997.	1.2	626
62	ANALYZING BETA DIVERSITY: PARTITIONING THE SPATIAL VARIATION OF COMMUNITY COMPOSITION DATA. Ecological Monographs, 2005, 75, 435-450.	5.4	1,014
63	The influence of swimming demand on phenotypic plasticity and morphological integration: a comparison of two polymorphic charr species. Oecologia, 2004, 140, 36-45.	2.0	103
64	Patterns in the co-occurrence of fish species in streams: the role of site suitability, morphology and phylogeny versus species interactions. Oecologia, 2004, 140, 352-360.	2.0	151
65	GIVING MEANINGFUL INTERPRETATION TO ORDINATION AXES: ASSESSING LOADING SIGNIFICANCE IN PRINCIPAL COMPONENT ANALYSIS. Ecology, 2003, 84, 2347-2363.	3.2	297
66	Type 1 Error Rates of the Parsimony Permutation Tail Probability Test. Systematic Biology, 2002, 51, 524-527.	5.6	13
67	Predictive Models of Fish Species Distributions: A Note on Proper Validation and Chance Predictions. Transactions of the American Fisheries Society, 2002, 131, 329-336.	1.4	159
68	An Empirical Comparison of SPM Preprocessing Parameters to the Analysis of fMRI Data. NeuroImage, 2002, 17, 19-28.	4.2	116
69	What controls who is where in freshwater fish communities – the roles of biotic, abiotic, and spatial factors. Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 157-170.	1.4	186
70	What controls who is where in freshwater fish communities — the roles of biotic, abiotic, and spatial factors. Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 157-170.	1.4	751
71	The importance of scaling of multivariate analysis in ecological studies. Ecoscience, 2001, 8, 522-526.	1.4	12
72	Spatial isolation and fish communities in drainage lakes. Oecologia, 2001, 127, 572-585.	2.0	141

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73	How well do multivariate data sets match? The advantages of a Procrustean superimposition approach over the Mantel test. Oecologia, 2001, 129, 169-178.	2.0	801
74	Environmentally constrained null models: site suitability as occupancy criterion. Oikos, 2001, 93, 110-120.	2.7	131
75	Assessing the robustness of randomization tests: examples from behavioural studies. Animal Behaviour, 2001, 61, 79-86.	1.9	64
76	When Are Random Data Not Random, or Is the PTP Test Useful?. Cladistics, 2000, 16, 420-424.	3.3	4