

Pierre Legendre

List of Publications by Year in descending order

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359
papers

67,947
citations

3919

88
h-index

813

246
g-index

393
all docs

393
docs citations

393
times ranked

51076
citing authors

#	ARTICLE	IF	CITATIONS
1	Species Assemblages and Indicator Species: The Need for a Flexible Asymmetrical Approach. Ecological Monographs, 1997, 67, 345.	2.4	4,878
2	Ecologically meaningful transformations for ordination of species data. Oecologia, 2001, 129, 271-280.	0.9	4,191
3	Partialling out the Spatial Component of Ecological Variation. Ecology, 1992, 73, 1045-1055.	1.5	3,619
4	Spatial Autocorrelation: Trouble or New Paradigm?. Ecology, 1993, 74, 1659-1673.	1.5	2,936
5	A distance-based framework for measuring functional diversity from multiple traits. Ecology, 2010, 91, 299-305.	1.5	2,787
6	Associations between species and groups of sites: indices and statistical inference. Ecology, 2009, 90, 3566-3574.	1.5	2,649
7	Ward's Hierarchical Agglomerative Clustering Method: Which Algorithms Implement Ward's Criterion?. Journal of Classification, 2014, 31, 274-295.	1.2	2,398
8	DISTANCE-BASED REDUNDANCY ANALYSIS: TESTING MULTISPECIES RESPONSES IN MULTIFACTORIAL ECOLOGICAL EXPERIMENTS. Ecological Monographs, 1999, 69, 1-24.	2.4	2,036
9	SPECIES ASSEMBLAGES AND INDICATOR SPECIES:THE NEED FOR A FLEXIBLE ASYMMETRICAL APPROACH. Ecological Monographs, 1997, 67, 345-366.	2.4	1,949
10	VARIATION PARTITIONING OF SPECIES DATA MATRICES: ESTIMATION AND COMPARISON OF FRACTIONS. Ecology, 2006, 87, 2614-2625.	1.5	1,875
11	Spatial pattern and ecological analysis. Plant Ecology, 1989, 80, 107-138.	1.2	1,858
12	FORWARD SELECTION OF EXPLANATORY VARIABLES. Ecology, 2008, 89, 2623-2632.	1.5	1,766
13	Numerical Ecology with R. , 2011, , .		1,684
14	All-scale spatial analysis of ecological data by means of principal coordinates of neighbour matrices. Ecological Modelling, 2002, 153, 51-68.	1.2	1,671
15	Spatial modelling: a comprehensive framework for principal coordinate analysis of neighbour matrices (PCNM). Ecological Modelling, 2006, 196, 483-493.	1.2	1,572
16	Improving indicator species analysis by combining groups of sites. Oikos, 2010, 119, 1674-1684.	1.2	1,041
17	ANALYZING BETA DIVERSITY: PARTITIONING THE SPATIAL VARIATION OF COMMUNITY COMPOSITION DATA. Ecological Monographs, 2005, 75, 435-450.	2.4	1,014
18	Beta diversity as the variance of community data: dissimilarity coefficients and partitioning. Ecology Letters, 2013, 16, 951-963.	3.0	937

#	ARTICLE	IF	CITATIONS
19	DISSECTING THE SPATIAL STRUCTURE OF ECOLOGICAL DATA AT MULTIPLE SCALES. <i>Ecology</i> , 2004, 85, 1826-1832.	1.5	778
20	Metric and Euclidean properties of dissimilarity coefficients. <i>Journal of Classification</i> , 1986, 3, 5-48.	1.2	766
21	Interpreting the replacement and richness difference components of beta diversity. <i>Global Ecology and Biogeography</i> , 2014, 23, 1324-1334.	2.7	705
22	The consequences of spatial structure for the design and analysis of ecological field surveys. <i>Ecography</i> , 2002, 25, 601-615.	2.1	575
23	A balanced view of scale in spatial statistical analysis. <i>Ecography</i> , 2002, 25, 626-640.	2.1	564
24	Comparison of the Mantel test and alternative approaches for detecting complex multivariate relationships in the spatial analysis of genetic data. <i>Molecular Ecology Resources</i> , 2010, 10, 831-844.	2.2	553
25	Partitioning beta diversity in a subtropical broadleaved forest of China. <i>Ecology</i> , 2009, 90, 663-674.	1.5	520
26	Community ecology in the age of multivariate multiscale spatial analysis. <i>Ecological Monographs</i> , 2012, 82, 257-275.	2.4	506
27	TESTING THE SPECIES TRAITS-ENVIRONMENT RELATIONSHIPS: THE FOURTH-CORNER PROBLEM REVISITED. <i>Ecology</i> , 2008, 89, 3400-3412.	1.5	495
28	Testing the significance of canonical axes in redundancy analysis. <i>Methods in Ecology and Evolution</i> , 2011, 2, 269-277.	2.2	459
29	Numerical Ecology with R. <i>Use R!</i> , 2018, , .	0.3	439
30	A Statistical Test for Host-Parasite Coevolution. <i>Systematic Biology</i> , 2002, 51, 217-234.	2.7	427
31	Studying beta diversity: ecological variation partitioning by multiple regression and canonical analysis. <i>Journal of Plant Ecology</i> , 2008, 1, 3-8.	1.2	405
32	Estimating and controlling for spatial structure in the study of ecological communities. <i>Global Ecology and Biogeography</i> , 2010, 19, 174-184.	2.7	370
33	Species associations: the Kendall coefficient of concordance revisited. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2005, 10, 226-245.	0.7	357
34	RELATING BEHAVIOR TO HABITAT: SOLUTIONS TO THEFOURTH-CORNER PROBLEM. <i>Ecology</i> , 1997, 78, 547-562.	1.5	346
35	An empirical comparison of permutation methods for tests of partial regression coefficients in a linear model. <i>Journal of Statistical Computation and Simulation</i> , 1999, 62, 271-303.	0.7	340
36	Untangling Multiple Factors in Spatial Distributions: Lilies, Gophers, and Rocks. <i>Ecology</i> , 1996, 77, 1698-1715.	1.5	337

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37	MODELING BRAIN EVOLUTION FROM BEHAVIOR: A PERMUTATIONAL REGRESSION APPROACH. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 1487-1499.	1.1	309
38	SPECIES DIVERSITY PATTERNS DERIVED FROM SPECIES-AREA MODELS. <i>Ecology</i> , 2002, 83, 1185-1198.	1.5	296
39	Environmental control and spatial structure in ecological communities: an example using oribatid mites (Acari, Oribatei). <i>Environmental and Ecological Statistics</i> , 1994, 1, 37-61.	1.9	279
40	Should the Mantel test be used in spatial analysis?. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1239-1247.	2.2	276
41	Spatial autocorrelation and sampling design in plant ecology. <i>Plant Ecology</i> , 1989, 83, 209-222.	1.2	272
42	Compensatory dynamics are rare in natural ecological communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3273-3277.	3.3	264
43	Conceptual and mathematical relationships among methods for spatial analysis. <i>Ecography</i> , 2002, 25, 558-577.	2.1	262
44	Modelling directional spatial processes in ecological data. <i>Ecological Modelling</i> , 2008, 215, 325-336.	1.2	261
45	Putting the landscape into the genomics of trees: approaches for understanding local adaptation and population responses to changing climate. <i>Tree Genetics and Genomes</i> , 2013, 9, 901-911.	0.6	261
46	Distribution patterns of tree species in a Malaysian tropical rain forest. <i>Journal of Vegetation Science</i> , 1997, 8, 105-114.	1.1	243
47	QUANTIFYING PHYLOGENETICALLY STRUCTURED ENVIRONMENTAL VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2647-2652.	1.1	236
48	Comparison of permutation methods for the partial correlation and partial mantel tests. <i>Journal of Statistical Computation and Simulation</i> , 2000, 67, 37-73.	0.7	231
49	Barriers to forest regeneration of deforested and abandoned land in Panama. <i>Journal of Applied Ecology</i> , 2005, 42, 1165-1174.	1.9	225
50	On Species-Area Relations. <i>American Naturalist</i> , 1996, 148, 719-737.	1.0	224
51	Using species combinations in indicator value analyses. <i>Methods in Ecology and Evolution</i> , 2012, 3, 973-982.	2.2	224
52	Spatial autocorrelation and sampling design in plant ecology. , 1990, , 209-222.		211
53	Modeling Brain Evolution from Behavior: A Permutational Regression Approach. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 1487.	1.1	210
54	Statistical methods for temporal and space-time analysis of community composition data <sup />. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132728.	1.2	197

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55	Common factors drive adaptive genetic variation at different spatial scales in <i>Arabis alpina</i> . <i>Molecular Ecology</i> , 2010, 19, 3824-3835.	2.0	188
56	Explaining variation in tropical plant community composition: influence of environmental and spatial data quality. <i>Oecologia</i> , 2008, 155, 593-604.	0.9	178
57	Scale dependency of processes structuring metacommunities of cladocerans in temporary pools of High-Andes wetlands. <i>Ecography</i> , 2011, 34, 296-305.	2.1	174
58	RESPONSES OF 20 NATIVE TREE SPECIES TO REFORESTATION STRATEGIES FOR ABANDONED FARMLAND IN PANAMA. , 2002, 12, 1626-1641.		170
59	Aquatic heterotrophic bacteria: Modeling in the presence of spatial autocorrelation. <i>Limnology and Oceanography</i> , 1988, 33, 1055-1067.	1.6	167
60	Is the Mantel correlogram powerful enough to be useful in ecological analysis? A simulation study. <i>Ecology</i> , 2012, 93, 1473-1481.	1.5	161
61	Broad-scale adaptive genetic variation in alpine plants is driven by temperature and precipitation. <i>Molecular Ecology</i> , 2012, 21, 3729-3738.	2.0	161
62	Succession of Species within a Community: Chronological Clustering, with Applications to Marine and Freshwater Zooplankton. <i>American Naturalist</i> , 1985, 125, 257-288.	1.0	157
63	Utility of computer simulations in landscape genetics. <i>Molecular Ecology</i> , 2010, 19, 3549-3564.	2.0	155
64	Spatial and environmental components of freshwater zooplankton structure. <i>Ecoscience</i> , 1995, 2, 1-19.	0.6	139
65	Biogeographic relationships among deep-sea hydrothermal vent faunas at global scale. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1371-1378.	0.6	137
66	A temporal beta-diversity index to identify sites that have changed in exceptional ways in space-time surveys. <i>Ecology and Evolution</i> , 2019, 9, 3500-3514.	0.8	137
67	Spatial Heterogeneity against Heteroscedasticity: An Ecological Paradigm versus a Statistical Concept. <i>Oikos</i> , 1993, 66, 152.	1.2	136
68	Assessing the scale-specific importance of niches and other spatial processes on beta diversity: a case study from a temperate forest. <i>Oecologia</i> , 2009, 159, 377-388.	0.9	136
69	The variation of tree beta diversity across a global network of forest plots. <i>Global Ecology and Biogeography</i> , 2012, 21, 1191-1202.	2.7	135
70	Study of spatial components of forest cover using partial Mantel tests and path analysis. <i>Journal of Vegetation Science</i> , 1992, 3, 69-78.	1.1	133
71	Physical and chemical factors influencing species distributions on hydrothermal sulfide edifices of the Juan de Fuca Ridge, northeast Pacific. <i>Marine Ecology - Progress Series</i> , 1999, 190, 89-112.	0.9	127
72	Development and validation of numerical habitat models for juveniles of Atlantic salmon (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	126

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73	Approximate analysis of variance of spatially autocorrelated regional data. <i>Journal of Classification</i> , 1990, 7, 53-75.	1.2	120
74	Potential changes in forest composition could reduce impacts of climate change on boreal wildfires. <i>Ecological Applications</i> , 2013, 23, 21-35.	1.8	117
75	The Mantel Test versus Pearson's Correlation Analysis: Assessment of the Differences for Biological and Environmental Studies. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2000, 5, 131.	0.7	116
76	Coevolution between <i>Lamellodiscus</i> (Monogenea: Diplectanidae) and Sparidae (Teleostei): The Study Of a Complex Host-Parasite System. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 2459-2471.	1.1	116
77	NONLINEAR REDUNDANCY ANALYSIS AND CANONICAL CORRESPONDENCE ANALYSIS BASED ON POLYNOMIAL REGRESSION. <i>Ecology</i> , 2002, 83, 1146-1161.	1.5	114
78	Modelling the effect of directional spatial ecological processes at different scales. <i>Oecologia</i> , 2011, 166, 357-368.	0.9	114
79	From Classical to Canonical Ordination. <i>Developments in Paleoenvironmental Research</i> , 2012, , 201-248.	7.5	112
80	Spatial structure of bivalves in a sandflat:. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 99-128.	0.7	111
81	Behavioural response of sicklefin lemon sharks <i>Negaprion acutidens</i> to underwater feeding for ecotourism purposes. <i>Marine Ecology - Progress Series</i> , 2010, 414, 257-266.	0.9	110
82	Spider, bee, and bird communities in cities are shaped by environmental control and high stochasticity. <i>Ecology</i> , 2010, 91, 3343-3353.	1.5	109
83	Approach for Describing Statistical Properties of Flood Hydrograph. <i>Journal of Hydrologic Engineering - ASCE</i> , 2002, 7, 147-153.	0.8	108
84	Organochlorine pollution in tropical rivers (Guadeloupe): Role of ecological factors in food web bioaccumulation. <i>Environmental Pollution</i> , 2011, 159, 1692-1701.	3.7	108
85	Postglacial Dispersal of Freshwater Fishes in the QuÃ©bec Peninsula. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1984, 41, 1781-1802.	0.7	105
86	Scaling-up from experiments to complex ecological systems: Where to next?. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 243-254.	0.7	100
87	EFFECTS OF SPATIAL STRUCTURES ON THE RESULTS OF FIELD EXPERIMENTS. <i>Ecology</i> , 2004, 85, 3202-3214.	1.5	100
88	FACTORS AFFECTING COMMUNITY COMPOSITION OF FOREST REGENERATION IN DEFORESTED, ABANDONED LAND IN PANAMA. <i>Ecology</i> , 2004, 85, 3313-3326.	1.5	99
89	Title is missing!. , 1998, 13, 15-25.		98
90	Evolution and determinants of host specificity in the genus <i>Lamellodiscus</i> (Monogenea). <i>Biological Journal of the Linnean Society</i> , 2002, 77, 431-443.	0.7	98

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91	Nonlinear foraging response of a large marine predator to benthic prey: eagle ray pits and bivalves in a New Zealand sandflat. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 191-210.	0.7	94
92	ASSESSING CONGRUENCE AMONG DISTANCE MATRICES: SINGLE-MALT SCOTCH WHISKIES REVISITED. <i>Australian and New Zealand Journal of Statistics</i> , 2004, 46, 615-629.	0.4	93
93	The performance of the Congruence Among Distance Matrices (CADM) test in phylogenetic analysis. <i>BMC Evolutionary Biology</i> , 2011, 11, 64.	3.2	93
94	Variation partitioning involving orthogonal spatial eigenfunction submodels. <i>Ecology</i> , 2012, 93, 1234-1240.	1.5	92
95	THE ECOLOGICAL IMPLICATIONS OF GROWTH FORMS IN EPIBENTHIC DIATOMS. <i>Journal of Phycology</i> , 1987, 23, 434-441.	1.0	91
96	Phylogenetic eigenvector maps: a framework to model and predict species traits. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1120-1131.	2.2	91
97	Mapping, Estimating Biomass, and Optimizing Sampling Programs for Spatially Autocorrelated Data: Case Study of the Northern Shrimp (<i>Pandalus borealis</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1992, 49, 32-45.	0.7	90
98	Spatial pattern of diversity in a tropical rain forest in Malaysia. <i>Journal of Biogeography</i> , 1996, 23, 57-74.	1.4	89
99	Matching the outcome of small-scale density manipulation experiments with larger scale patterns. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 153-169.	0.7	89
100	Reconstruction of Biogeographic and Evolutionary Networks Using Reticulograms. <i>Systematic Biology</i> , 2002, 51, 199-216.	2.7	86
101	Optimal Variable Weighting for Ultrametric and Additive Trees and K-means Partitioning: Methods and Software. <i>Journal of Classification</i> , 2001, 18, 245-271.	1.2	85
102	Community surveys through space and time: testing the space-time interaction in the absence of replication. <i>Ecology</i> , 2010, 91, 262-272.	1.5	84
103	Phylogenetic, functional, and structural components of variation in bone growth rate of amniotes. <i>Evolution & Development</i> , 2008, 10, 217-227.	1.1	83
104	ANALYZING OR EXPLAINING BETA DIVERSITY? COMMENT. <i>Ecology</i> , 2008, 89, 3238-3244.	1.5	81
105	Quantitative Methods and Biogeographic Analysis. , 1990, , 9-34.		79
106	Identifying relationships between adult and juvenile bivalves at different spatial scales. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 77-98.	0.7	76
107	Biodiversity patterns, environmental drivers and indicator species on a high-temperature hydrothermal edifice, Mid-Atlantic Ridge. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 121, 177-192.	0.6	76
108	The Willow Microbiome Is Influenced by Soil Petroleum-Hydrocarbon Concentration with Plant Compartment-Specific Effects. <i>Frontiers in Microbiology</i> , 2016, 7, 1363.	1.5	75

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109	Trajectory analysis in community ecology. <i>Ecological Monographs</i> , 2019, 89, e01350.	2.4	74
110	Dietary Variation in a Freshwater Fish Species: Relative Contributions of Biotic Interactions, Abiotic Factors, and Spatial Structure. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1994, 51, 2856-2865.	0.7	73
111	Flow alterations by dams shaped fish assemblage dynamics in the complex Mekong-3S river system. <i>Ecological Indicators</i> , 2018, 88, 103-114.	2.6	73
112	Body size evolution of oxyurid (Nematoda) parasites: the role of hosts. <i>Oecologia</i> , 1996, 107, 274-282.	0.9	72
113	MAPPING OF MARINE SOFT-SEDIMENT COMMUNITIES: INTEGRATED SAMPLING FOR ECOLOGICAL INTERPRETATION. , 2004, 14, 1203-1216.		70
114	Title is missing!. <i>Environmental and Ecological Statistics</i> , 1998, 5, 1-27.	1.9	68
115	From a Phylogenetic Tree to a Reticulated Network. <i>Journal of Computational Biology</i> , 2004, 11, 195-212.	0.8	68
116	Business partner or simple catch? The economic value of the sicklefin lemon shark in French Polynesia. <i>Marine and Freshwater Research</i> , 2011, 62, 764.	0.7	67
117	Box-Cox chord transformations for community composition data prior to beta diversity analysis. <i>Ecography</i> , 2018, 41, 1820-1824.	2.1	67
118	Disturbances amplify tree community responses to climate change in the temperate boreal ecotone. <i>Global Ecology and Biogeography</i> , 2019, 28, 1668-1681.	2.7	67
119	Variance and spatial scales in a tropical rain forest: changing the size of sampling units. <i>Plant Ecology</i> , 1997, 130, 89-98.	0.7	64
120	Role of habitat and landscape in structuring small mammal assemblages in hedgerow networks of contrasted farming landscapes in Brittany, France. <i>Landscape Ecology</i> , 2007, 22, 1241-1253.	1.9	64
121	Analyzing multivariate flow cytometric data in aquatic sciences. <i>Cytometry</i> , 1992, 13, 291-298.	1.8	63
122	A framework for estimating niche metrics using the resemblance between qualitative resources. <i>Oikos</i> , 2011, 120, 1341-1350.	1.2	63
123	Large-scale geographic patterns of diversity and community structure of pelagic crustacean zooplankton in Canadian lakes. <i>Global Ecology and Biogeography</i> , 2013, 22, 784-795.	2.7	63
124	Hosts, parasites and their interactions respond to different climatic variables. <i>Global Ecology and Biogeography</i> , 2017, 26, 942-951.	2.7	62
125	Partitioning plant spectral diversity into alpha and beta components. <i>Ecology Letters</i> , 2020, 23, 370-380.	3.0	62
126	The role of environmental and spatial processes in structuring native and non-native fish communities across thousands of lakes. <i>Ecography</i> , 2011, 34, 762-771.	2.1	60

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127	Multiscale spatial distribution of a littoral fish community in relation to environmental variables. <i>Limnology and Oceanography</i> , 2005, 50, 465-479.	1.6	59
128	Fire-induced taxonomic and functional changes in saproxylic beetle communities in fire sensitive regions. <i>Ecography</i> , 2010, 33, 760-771.	2.1	59
129	Predicting microcystin concentrations in lakes and reservoirs at a continental scale: A new framework for modelling an important health risk factor. <i>Global Ecology and Biogeography</i> , 2017, 26, 625-637.	2.7	59
130	Genetics and Language in European Populations. <i>American Naturalist</i> , 1990, 135, 157-175.	1.0	58
131	Rapid Communication / Communication Rapide Acoustic seabed classification: improved statistical method. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2002, 59, 1085-1089.	0.7	58
132	Evaluation of simple statistical criteria to qualify a simulation. <i>Ecological Modelling</i> , 1996, 88, 9-18.	1.2	56
133	Concomitant impacts of climate change, fragmentation and non-native species have led to reorganization of fish communities since the 1980s. <i>Global Ecology and Biogeography</i> , 2018, 27, 213-222.	2.7	56
134	Diversity pattern and spatial scale: a study of a tropical rain forest of Malaysia. <i>Environmental and Ecological Statistics</i> , 1994, 1, 265-286.	1.9	55
135	Comparison of two plant functional approaches to evaluate natural restoration along an old-field deciduous forest chronosequence. <i>Journal of Vegetation Science</i> , 2009, 20, 185-198.	1.1	55
136	Rhythms and Community Dynamics of a Hydrothermal Tubeworm Assemblage at Main Endeavour Field - A Multidisciplinary Deep-Sea Observatory Approach. <i>PLoS ONE</i> , 2014, 9, e96924.	1.1	55
137	A functional evenness index for microbial ecology. <i>Microbial Ecology</i> , 1981, 7, 283-296.	1.4	54
138	Medium scale approach (MSA) for improved assessment of coral reef fish habitat. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 333, 219-230.	0.7	54
139	Using phylogenetic information to predict species tolerances to toxic chemicals. , 2011, 21, 3178-3190.		54
140	Diversity and composition of ectomycorrhizal community on seedling roots: the role of host preference and soil origin. <i>Mycorrhiza</i> , 2011, 21, 669-680.	1.3	54
141	Understanding the Spatio-Temporal Response of Coral Reef Fish Communities to Natural Disturbances: Insights from Beta-Diversity Decomposition. <i>PLoS ONE</i> , 2015, 10, e0138696.	1.1	54
142	Integrating heterogeneity across spatial scales: interactions between <i>Atrina zelandica</i> and benthic macrofauna. <i>Marine Ecology - Progress Series</i> , 2002, 239, 115-128.	0.9	52
143	Dissimilarity measurements and the size structure of ecological communities. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1167-1177.	2.2	50
144	An Integrated Study of the Factors Influencing the Choice of the Settling Site of <i>Balanus crenatus</i> Cyprid Larvae. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1983, 40, 1186-1194.	0.7	49

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145	Genetic differences among language families in Europe. <i>American Journal of Physical Anthropology</i> , 1989, 79, 489-502.	2.1	49
146	The sandflat habitat: scaling from experiments to conclusions. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 1-9.	0.7	49
147	Global depression in gene expression as a response to rapid thermal changes in vent mussels. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3071-3079.	1.2	49
148	Large-scale spatial heterogeneity of macrozooplankton in Lake of Geneva. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 1437-1451.	0.7	48
149	Canonical analysis. <i>Developments in Environmental Modelling</i> , 2012, 24, 625-710.	0.3	48
150	A Classification of Pure Malt Scotch Whiskies. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1994, 43, 237.	0.5	47
151	The multivariate (co)variogram as a spatial weighting function in classification methods. <i>Mathematical Geosciences</i> , 1992, 24, 463-478.	0.9	46
152	Influence of edaphic factors on the spatial structure of inland halophytic communities: a case study in China. <i>Journal of Vegetation Science</i> , 1998, 9, 797-804.	1.1	46
153	Scaling up beta diversity on Caribbean coral reefs. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 366, 28-36.	0.7	46
154	Relationships between species feeding traits and environmental conditions in fish communities: a three-matrix approach. , 2011, 21, 363-377.		46
155	Microbialite genetic diversity and composition relate to environmental variables. <i>FEMS Microbiology Ecology</i> , 2012, 82, 724-735.	1.3	46
156	Modeling of the evolution of bacterial densities in an eutrophic ecosystem (sewage lagoons). <i>Microbial Ecology</i> , 1986, 12, 355-379.	1.4	45
157	Moderate disturbances accelerate forest transition dynamics under climate change in the temperate-boreal ecotone of eastern North America. <i>Global Change Biology</i> , 2020, 26, 4418-4435.	4.2	44
158	Horizontal gene transfer and recombination analysis of SARS-CoV-2 genes helps discover its close relatives and shed light on its origin. <i>Bmc Ecology and Evolution</i> , 2021, 21, 5.	0.7	44
159	Design for Simultaneous Sampling of Ecological Variables: From Concepts to Numerical Solutions. <i>Oikos</i> , 1989, 55, 30.	1.2	43
160	Phylogenetic Network Construction Approaches. <i>Applied Mycology and Biotechnology</i> , 2006, 6, 61-97.	0.3	43
161	Constrained Clustering. , 1987, , 289-307.		43
162	Beals smoothing revisited. <i>Oecologia</i> , 2008, 156, 657-669.	0.9	42

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163	Spatial patterns of Yucatan reef fish communities: Testing models using a multi-scale survey design. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 324, 157-169.	0.7	41
164	Relating Behavior to Habitat: Solutions to the Fourth-corner Problem. <i>Ecology</i> , 1997, 78, 547.	1.5	40
165	Diatom diversity patterns over the past <i>c</i>. 150 years across the conterminous United States of America: Identifying mechanisms behind beta diversity. <i>Global Ecology and Biogeography</i> , 2017, 26, 1303-1315.	2.7	40
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