Pierre Legendre

List of Publications by Year
in descending order

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	Evaluating ecological uniqueness over broad spatial extents using species distribution modelling. Oikos, 2022, 2022, .	1.2	12
2	New measures for quantifying directional changes in presence-absence community data. Ecological Indicators, 2022, 136, 108618.	2.6	3
3	Largeâ€scale multiâ€trophic coâ€response models and environmental control of pelagic food webs in QuÃ©bec lakes. Oikos, 2021, 130, 377-395.	1.2	4
4	Horizontal gene transfer and recombination analysis of SARS-CoV-2 genes helps discover its close relatives and shed light on its origin. Bmc Ecology and Evolution, 2021, 21, 5.	0.7	44
5	The phyllosphere microbiome of host trees contributes more than leaf phytochemicals to variation in the Agrilus planipennis Fairmaire gut microbiome structure. Scientific Reports, 2021, 11, 15911.	1.6	10
6	Temperature drives local contributions to beta diversity in mountain streams: Stochastic and deterministic processes. Global Ecology and Biogeography, 2020, 29, 420-432.	2.7	30
7	A novel tool to assess the effect of intraspecific spatial niche variation on species distribution shifts under climate change. Global Ecology and Biogeography, 2020, 29, 590-602.	2.7	12
8	Partitioning plant spectral diversity into alpha and beta components. Ecology Letters, 2020, 23, 370-380.	3.0	62
9	Moderate disturbances accelerate forest transition dynamics under climate change in the temperateâ€“boreal ecotone of eastern North America. Global Change Biology, 2020, 26, 4418-4435.	4.2	44
10	What do beta diversity components reveal from presence-absence community data? Let us connect every indicator to an indicandum!. Ecological Indicators, 2020, 117, 106540.	2.6	25
11	Does diversity beget diversity in microbiomes?. ELife, 2020, 9, .	2.8	33
12	Disturbances amplify tree community responses to climate change in the temperateâ€“boreal ecotone. Global Ecology and Biogeography, 2019, 28, 1668-1681.	2.7	67
13	The interaction of phylogeny and community structure: Linking the community composition and trait evolutionÂof clades. Global Ecology and Biogeography, 2019, 28, 1499-1511.	2.7	14
14	Traitâ€based approach to monitoring marine benthic data along 500 km of coastline. Diversity and Distributions, 2019, 25, 1879-1896.	1.9	35
15	A temporal betaâ€diversity index to identify sites that have changed in exceptional ways in spaceâ€“time surveys. Ecology and Evolution, 2019, 9, 3500-3514.	0.8	137
16	Damming interacts with the flood pulse to alter zooplankton communities in an Amazonian river. Freshwater Biology, 2019, 64, 1040-1053.	1.2	19
17	Spatial and temporal analysis of beta diversity in the Barro Colorado Island forest dynamics plot, Panama. Forest Ecosystems, 2019, 6, .	1.3	33
18	Variation in compositional and structural components of community assemblage and its determinants. Journal of Vegetation Science, 2019, 30, 257-268.	1.1	9

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19	Trajectory analysis in community ecology. Ecological Monographs, 2019, 89, e01350.	2.4	74
20	Numerical Ecology. , 2019, , 487-493.		30
21	Flow alterations by dams shaped fish assemblage dynamics in the complex Mekong-3S river system. Ecological Indicators, 2018, 88, 103-114.	2.6	73
22	Boxâ€“Coxâ€chord transformations for community composition data prior to beta diversity analysis. Ecography, 2018, 41, 1820-1824.	2.1	67
23	Uniqueness of sampling site contributions to the total variance of macroinvertebrate communities in the Lower Mekong Basin. Ecological Indicators, 2018, 84, 425-432.	2.6	22
24	Spatial organisation of fish communities in the St. Lawrence River: a test for longitudinal gradients and spatial heterogeneities in a large river system. Hydrobiologia, 2018, 809, 155-173.	1.0	17
25	Concomitant impacts of climate change, fragmentation and nonâ€native species have led to reorganization of fish communities since the 1980s. Global Ecology and Biogeography, 2018, 27, 213-222.	2.7	56
26	Bringing multivariate support to multiscale codependence analysis: Assessing the drivers of community structure across spatial scales. Methods in Ecology and Evolution, 2018, 9, 292-304.	2.2	7
27	Biodiversity and trophic ecology of hydrothermal vent fauna associated with tubeworm assemblages on the Juan de Fuca Ridge. Biogeosciences, 2018, 15, 2629-2647.	1.3	18
28	Negative relationships between species richness and temporal variability are common but weak in natural systems. Ecology, 2018, 99, 2592-2604.	1.5	26
29	Summer assessment of zooplankton biodiversity and environmental control in urban waterbodies on the Island of MontrÃ©al. Ecosphere, 2018, 9, e02277.	1.0	22
30	Application of Moran Eigenvector Maps (MEM) to irregular sampling designs. Spatial Statistics, 2018, 26, 56-68.	0.9	13
31	Numerical Ecology with R. Use R!, 2018, , .	0.3	439
32	Association Measures and Matrices. Use R!, 2018, , 35-57.	0.3	4
33	Unconstrained Ordination. Use R!, 2018, , 151-201.	0.3	10
34	Canonical Ordination. Use R!, 2018, , 203-297.	0.3	21
35	Spatial Analysis of Ecological Data. Use R!, 2018, , 299-367.	0.3	20
36	Community Diversity. Use R!, 2018, , 369-412.	0.3	4

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37	The Effects of Regional Hydrologic Alteration on Fish Community Structure in Regulated Rivers. River Research and Applications, 2017, 33, 249-257.	0.7	22
38	Predicting microcystin concentrations in lakes and reservoirs at a continental scale: A new framework for modelling an important health risk factor. Global Ecology and Biogeography, 2017, 26, 625-637.	2.7	59
39	Human and natural controls of the variation in aboveground tree biomass in African dry tropical forests. , 2017, 27, 1578-1593.		9
40	Hosts, parasites and their interactions respond to different climatic variables. Global Ecology and Biogeography, 2017, 26, 942-951.	2.7	62
41	Constancy despite variability: Local and regional macrofaunal diversity in intertidal seagrass beds. Journal of Sea Research, 2017, 130, 107-122.	0.6	21
42	Astronomical and atmospheric impacts on deep-sea hydrothermal vent invertebrates. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162123.	1.2	29
43	Diatom diversity patterns over the past c. 150 years across the conterminous United States of America: Identifying mechanisms behind beta diversity. Global Ecology and Biogeography, 2017, 26, 1303-1315.	2.7	40
44	Modelling habitat distributions for multiple species using phylogenetics. Ecography, 2017, 40, 1088-1097.	2.1	2
45	Environmental factors structuring benthic primary producers at different spatial scales in the St. Lawrence River (Canada). Aquatic Sciences, 2017, 79, 345-356.	0.6	10
46	Biological and environmental rhythms in (dark) deep-sea hydrothermal ecosystems. Biogeosciences, 2017, 14, 2955-2977.	1.3	26
47	The Willow Microbiome Is Influenced by Soil Petroleum-Hydrocarbon Concentration with Plant Compartment-Specific Effects. Frontiers in Microbiology, 2016, 7, 1363.	1.5	75
48	A spatiallyâ€explicit assessment of the fish population response to flow management in a heterogeneous landscape. Ecosphere, 2016, 7, e01252.	1.0	7
49	A new costâ€effective approach to survey ecological communities. Oikos, 2016, 125, 975-987.	1.2	12
50	Using fish guilds to assess community responses to temperature and flow regimes in unregulated and regulated Canadian rivers. Freshwater Biology, 2016, 61, 1759-1772.	1.2	12
51	Multi-scale spatial and partitioning analyses of the reef-fish community composition of the Yucatan fringing reef system. Ecological Complexity, 2016, 28, 69-76.	1.4	1
52	Should the Mantel test be used in spatial analysis?. Methods in Ecology and Evolution, 2015, 6, 1239-1247.	2.2	276
53	A Comparison of Electrofishing and Visual Surveying Methods for Estimating Fish Community Structure in Temperate Rivers. River Research and Applications, 2015, 31, 1040-1051.	0.7	19
54	Understanding the Spatio-Temporal Response of Coral Reef Fish Communities to Natural Disturbances: Insights from Beta-Diversity Decomposition. PLoS ONE, 2015, 10, e0138696.	1.1	54

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55	Phylogenetics to help predict active metabolism. Ecosphere, 2015, 6, 1-11.	1.0	4
56	Thirty-year recovery of mollusc communities after nuclear experimentations on Fangataufa atoll (Tuamotu, French Polynesia). Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150750.	1.2	22
57	Biodiversity patterns, environmental drivers and indicator species on a high-temperature hydrothermal edifice, Mid-Atlantic Ridge. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 121, 177-192.	0.6	76
58	Are the landscapeâ€level drivers of water column and surface sediment diatoms different?. Freshwater Biology, 2015, 60, 267-281.	1.2	17
59	Using intraâ€individual variation in shrub architecture to explain population cover. Oikos, 2015, 124, 707-716.	1.2	10
60	Oxidative stress modulates the expression of genes involved in cell survival in Î”F508 cystic fibrosis airway epithelial cells. Physiological Genomics, 2014, 46, 634-646.	1.0	20
61	Reconstructing phosphorus levels using models based on the modern diatom assemblages of 55 lakes in southern Quebec. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 887-914.	0.7	14
62	Wardâ€™s Hierarchical Agglomerative Clustering Method: Which Algorithms Implement Wardâ€™s Criterion?. Journal of Classification, 2014, 31, 274-295.	1.2	2,398
63	Statistical methods for temporal and spaceâ€“time analysis of community composition data <sup />. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132728.	1.2	197
64	Interpreting the replacement and richness difference components of beta diversity. Global Ecology and Biogeography, 2014, 23, 1324-1334.	2.7	705
65	Using phylogenetic information and chemical properties to predict species tolerances to pesticides. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133239.	1.2	28
66	Consensus RDA across dissimilarity coefficients for canonical ordination of community composition data. Ecological Monographs, 2014, 84, 491-511.	2.4	31
67	High-resolution dynamics of a deep-sea hydrothermal mussel assemblage monitored by the EMSO-AÃ§ores MoMAR observatory. Deep-Sea Research Part I: Oceanographic Research Papers, 2014, 90, 62-75.	0.6	29
68	Rhythms and Community Dynamics of a Hydrothermal Tubeworm Assemblage at Main Endeavour Field â€“ A Multidisciplinary Deep-Sea Observatory Approach. PLoS ONE, 2014, 9, e96924.	1.1	55
69	Indicator Species: Computation. , 2013, , 264-268.		22
70	Phylogenetic eigenvector maps: a framework to model and predict species traits. Methods in Ecology and Evolution, 2013, 4, 1120-1131.	2.2	91
71	Dissimilarity measurements and the size structure of ecological communities. Methods in Ecology and Evolution, 2013, 4, 1167-1177.	2.2	50
72	Largeâ€scale geographic patterns of diversity and community structure of pelagic crustacean zooplankton in <scp>C</scp>anadian lakes. Global Ecology and Biogeography, 2013, 22, 784-795.	2.7	63

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73	Optimization of temporal versus spatial replication in the development of habitat use models to explain among-reach variations of fish density estimates in rivers. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 600-609.	0.7	4
74	Putting the landscape into the genomics of trees: approaches for understanding local adaptation and population responses to changing climate. Tree Genetics and Genomes, 2013, 9, 901-911.	0.6	261
75	Beta diversity as the variance of community data: dissimilarity coefficients and partitioning. Ecology Letters, 2013, 16, 951-963.	3.0	937
76	Potential changes in forest composition could reduce impacts of climate change on boreal wildfires. Ecological Applications, 2013, 23, 21-35.	1.8	117
77	Genetic structure of the whiteâ€footed mouse in the context of the emergence of Lyme disease in southern QuÃ©bec. Ecology and Evolution, 2013, 3, 2075-2088.	0.8	34
78	Examining shifts in zooplankton community variability following biological invasion. Limnology and Oceanography, 2013, 58, 399-408.	1.6	7
79	Living in a hot redox soup: antioxidant defences of the hydrothermal worm Alvinella pompejana. Aquatic Biology, 2013, 18, 217-228.	0.5	28
80	An Efficient Algorithm for the Detection and Classification of Horizontal Gene Transfer Events and Identification of Mosaic Genes. Studies in Classification, Data Analysis, and Knowledge Organization, 2013, , 253-260.	0.1	2
81	Spatial and Temporal Variation in a Caribbean Herbivorous Fish Assemblage. Journal of Coastal Research, 2012, 278, 63-72.	0.1	14
82	N<sub>2 fixation rates and associated diversity (nifH) of microbialite and mat-forming consortia from different aquatic environments in Mexico. Aquatic Microbial Ecology, 2012, 67, 15-24.	0.9	26
83	Microbialite genetic diversity and composition relate to environmental variables. FEMS Microbiology Ecology, 2012, 82, 724-735.	1.3	46
84	Ecological data series. Developments in Environmental Modelling, 2012, , 711-783.	0.3	1
85	Effects of spatial scale and choice of statistical model (linear versus tree-based) on determining speciesâ€“habitat relationships. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 2095-2111.	0.7	19
86	Clustering and Partitioning. Developments in Paleoenvironmental Research, 2012, , 167-200.	7.5	31
87	From Classical to Canonical Ordination. Developments in Paleoenvironmental Research, 2012, , 201-248.	7.5	112
88	Inferring Processes from Spatial Patterns: The Role of Directional and Nonâ€“Directional Forces in Shaping Fish Larvae Distribution in a Freshwater Lake System. PLoS ONE, 2012, 7, e50239.	1.1	29
89	Variation partitioning involving orthogonal spatial eigenfunction submodels. Ecology, 2012, 93, 1234-1240.	1.5	92
90	Community ecology in the age of multivariate multiscale spatial analysis. Ecological Monographs, 2012, 82, 257-275.	2.4	506

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91	Using species combinations in indicator value analyses. Methods in Ecology and Evolution, 2012, 3, 973-982.	2.2	224
92	Complex ecological data sets. Developments in Environmental Modelling, 2012, , 1-57.	0.3	28
93	Dimensional analysis in ecology. Developments in Environmental Modelling, 2012, 24, 109-142.	0.3	3
94	Multidimensional quantitative data. Developments in Environmental Modelling, 2012, , 143-194.	0.3	2
95	Multidimensional semiquantitative data. Developments in Environmental Modelling, 2012, 24, 195-218.	0.3	2
96	Multidimensional qualitative data. Developments in Environmental Modelling, 2012, 24, 219-264.	0.3	6
97	Ecological resemblance. Developments in Environmental Modelling, 2012, 24, 265-335.	0.3	23
98	Ordination in reduced space. Developments in Environmental Modelling, 2012, , 425-520.	0.3	32
99	Interpretation of ecological structures. Developments in Environmental Modelling, 2012, 24, 521-624.	0.3	14
100	Canonical analysis. Developments in Environmental Modelling, 2012, 24, 625-710.	0.3	48
101	Spatial analysis. Developments in Environmental Modelling, 2012, 24, 785-858.	0.3	9
102	Multiscale analysis. Developments in Environmental Modelling, 2012, 24, 859-906.	0.3	7
103	Is the Mantel correlogram powerful enough to be useful in ecological analysis? A simulation study. Ecology, 2012, 93, 1473-1481.	1.5	161
104	Broadâ€scale adaptive genetic variation in alpine plants is driven by temperature and precipitation. Molecular Ecology, 2012, 21, 3729-3738.	2.0	161
105	Disentangling invasion processes in a dynamic shippingâ€“boating network. Molecular Ecology, 2012, 21, 4227-4241.	2.0	35
106	The variation of tree beta diversity across a global network of forest plots. Global Ecology and Biogeography, 2012, 21, 1191-1202.	2.7	135
107	Cascade multivariate regression tree: a novel approach for modelling nested explanatory sets. Methods in Ecology and Evolution, 2012, 3, 234-244.	2.2	23
108	Multiple-Table Data inRwith themultitablePackage. Journal of Statistical Software, 2012, 51, .	1.8	3

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109	NSERC's HydroNet: A National Research Network to Promote Sustainable Hydropower and Healthy Aquatic Ecosystems. Fisheries, 2011, 36, 480-488.	0.6	11
110	Using phylogenetic information to predict species tolerances to toxic chemicals. , 2011, 21, 3178-3190.		54
111	Numerical Ecology with R. , 2011, , .		1,684
112	Association Measures and Matrices. , 2011, , 31-51.		7
113	Testing the significance of canonical axes in redundancy analysis. Methods in Ecology and Evolution, 2011, 2, 269-277.	2.2	459
114	Relationships between species feeding traits and environmental conditions in fish communities: a three-matrix approach. , 2011, 21, 363-377.		46
115	Business partner or simple catch? The economic value of the sicklefin lemon shark in French Polynesia. Marine and Freshwater Research, 2011, 62, 764.	0.7	67
116	Faunal changes and geographic crypticism indicate the occurrence of a biogeographic transition zone along the southern East Pacific Rise. Journal of Biogeography, 2011, 38, 575-594.	1.4	26
117	Scale dependency of processes structuring metacommunities of cladocerans in temporary pools of High-Andes wetlands. Ecography, 2011, 34, 296-305.	2.1	174
118	The role of environmental and spatial processes in structuring native and non-native fish communities across thousands of lakes. Ecography, 2011, 34, 762-771.	2.1	60
119	A framework for estimating niche metrics using the resemblance between qualitative resources. Oikos, 2011, 120, 1341-1350.	1.2	63
120	Organochlorine pollution in tropical rivers (Guadeloupe): Role of ecological factors in food web bioaccumulation. Environmental Pollution, 2011, 159, 1692-1701.	3.7	108
121	Modelling the effect of directional spatial ecological processes at different scales. Oecologia, 2011, 166, 357-368.	0.9	114
122	Diversity and composition of ectomycorrhizal community on seedling roots: the role of host preference and soil origin. Mycorrhiza, 2011, 21, 669-680.	1.3	54
123	The performance of the Congruence Among Distance Matrices (CADM) test in phylogenetic analysis. BMC Evolutionary Biology, 2011, 11, 64.	3.2	93
124	Canonical Ordination. , 2011, , 153-225.		39
125	Unconstrained Ordination. , 2011, , 115-151.		21
126	Modelling habitat associations of 14 species of holothurians from an unfished coral atoll: implications for fisheries management. Aquatic Biology, 2011, 14, 57-66.	0.5	20

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127	Modelling habitat associations of the common spider conch in theÂCocosÂ(Keeling)ÂIslands. Marine Ecology - Progress Series, 2011, 432, 83-90.	0.9	5
128	Reefscape proxies for the conservation of Caribbean coral reef biodiversity. Ciencias Marinas, 2011, 37, 87-96.	0.4	20
129	Water table response to an experimental alley farming trial: dissecting the spatial and temporal structure of the data. Ecological Applications, 2010, 20, 1704-1720.	1.8	5
130	Weighted bootstrapping: a correction method for assessing the robustness of phylogenetic trees. BMC Evolutionary Biology, 2010, 10, 250.	3.2	7
131	The relations between â€˜standardâ€™ fluvial habitat variables and turbulent flow at multiple scales in morphological units of a gravelâ€bed river. River Research and Applications, 2010, 26, 439-455.	0.7	18
132	Aggregation of Sampling Units: An Analytical Solution to Predict Variance. Geographical Analysis, 2010, 29, 258-266.	1.9	25
133	Improving indicator species analysis by combining groups of sites. Oikos, 2010, 119, 1674-1684.	1.2	1,041
134	Fireâ€induced taxonomic and functional changes in saproxylic beetle communities in fire sensitive regions. Ecography, 2010, 33, 760-771.	2.1	59
135	Utility of computer simulations in landscape genetics. Molecular Ecology, 2010, 19, 3549-3564.	2.0	155
136	Common factors drive adaptive genetic variation at different spatial scales in Arabis alpina. Molecular Ecology, 2010, 19, 3824-3835.	2.0	188
137	Estimating and controlling for spatial structure in the study of ecological communities. Global Ecology and Biogeography, 2010, 19, 174-184.	2.7	370
138	A distanceâ€based framework for measuring functional diversity from multiple traits. Ecology, 2010, 91, 299-305.	1.5	2,787
139	Behavioural response of sicklefin lemon sharks Negaprion acutidens to underwater feeding for ecotourism purposes. Marine Ecology - Progress Series, 2010, 414, 257-266.	0.9	110
140	Spider, bee, and bird communities in cities are shaped by environmental control and high stochasticity. Ecology, 2010, 91, 3343-3353.	1.5	109
141	Multiscale codependence analysis: an integrated approach to analyze relationships across scales. Ecology, 2010, 91, 2952-2964.	1.5	26
142	Spatial relationships between soil moisture patterns and topographic variables at multiple scales in a humid temperate forested catchment. Water Resources Research, 2010, 46, .	1.7	34
143	Community surveys through space and time: testing the spaceâ€“time interaction in the absence of replication. Ecology, 2010, 91, 262-272.	1.5	84
144	Comparison of the Mantel test and alternative approaches for detecting complex multivariate relationships in the spatial analysis of genetic data. Molecular Ecology Resources, 2010, 10, 831-844.	2.2	553

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145	Effects of provisioning on shark behaviour: Reply to Brunnschweiler & McKenzie (2010). Marine Ecology - Progress Series, 2010, 420, 285-288.	0.9	3
146	Global depression in gene expression as a response to rapid thermal changes in vent mussels. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3071-3079.	1.2	49
147	Assessing the scale-specific importance of niches and other spatial processes on beta diversity: a case study from a temperate forest. Oecologia, 2009, 159, 377-388.	0.9	136
148	Assessing Congruence Among Ultrametric Distance Matrices. Journal of Classification, 2009, 26, 103-117.	1.2	17
149	Comparison of two plant functional approaches to evaluate natural restoration along an oldâ€field â€“ deciduous forest chronosequence. Journal of Vegetation Science, 2009, 20, 185-198.	1.1	55
150	Independent contrasts and regression through the origin. Journal of Theoretical Biology, 2009, 259, 727-743.	0.8	18
151	Associations between species and groups of sites: indices and statistical inference. Ecology, 2009, 90, 3566-3574.	1.5	2,649
152	Shifts between biotic and physical driving forces of species organization under natural disturbance regimes. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 1282-1293.	0.7	26
153	Biogeographic relationships among deep-sea hydrothermal vent faunas at global scale. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 1371-1378.	0.6	137
154	Partitioning beta diversity in a subtropical broadâ€leaved forest of China. Ecology, 2009, 90, 663-674.	1.5	520
155	Using the landscape morphometric context to resolve spatial patterns of submerged macrophyte communities in a fluvial lake. Landscape Ecology, 2008, 23, 91-105.	1.9	24
156	Beals smoothing revisited. Oecologia, 2008, 156, 657-669.	0.9	42
157	Explaining variation in tropical plant community composition: influence of environmental and spatial data quality. Oecologia, 2008, 155, 593-604.	0.9	178
158	The utility of covariances: a response to Ranta et al. Oikos, 2008, 117, 1912-1913.	1.2	5
159	Phylogenetic, functional, and structural components of variation in bone growth rate of amniotes. Evolution & Development, 2008, 10, 217-227.	1.1	83
160	Modelling directional spatial processes in ecological data. Ecological Modelling, 2008, 215, 325-336.	1.2	261
161	Scaling up beta diversity on Caribbean coral reefs. Journal of Experimental Marine Biology and Ecology, 2008, 366, 28-36.	0.7	46
162	ANALYZING OR EXPLAINING BETA DIVERSITY? COMMENT. Ecology, 2008, 89, 3238-3244.	1.5	81

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163	Studying beta diversity: ecological variation partitioning by multiple regression and canonical analysis. Journal of Plant Ecology, 2008, 1, 3-8.	1.2	405
164	Meiofaunal community structure of the deep-sea Gulf of Mexico: Variability due to the sorting methods. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2627-2633.	0.6	15
165	Epibenthic megacrustaceans from the continental margin, slope and abyssal plain of the Southwestern Gulf of Mexico: Factors responsible for variability in species composition and diversity. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2667-2678.	0.6	22
166	Macrofaunal density and biomass in the Campeche Canyon, Southwestern Gulf of Mexico. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2679-2685.	0.6	31
167	TESTING THE SPECIES TRAITSâ€“ENVIRONMENT RELATIONSHIPS: THE FOURTHâ€CORNER PROBLEM REVISITED. Ecology, 2008, 89, 3400-3412.	1.5	495
168	FORWARD SELECTION OF EXPLANATORY VARIABLES. Ecology, 2008, 89, 2623-2632.	1.5	1,766
169	Toward management guidelines for soybean aphid, Aphis glycines, in Quebec. II. Spatial distribution of aphid populations in commercial soybean fields. Canadian Entomologist, 2008, 140, 219-234.	0.4	10
170	ANALYZING OR EXPLAINING BETA DIVERSITY? COMMENT. Ecology, 2008, 89, 3227-3232.	1.5	19
171	Shifting dominance among Scarid species on reefs representing a gradient of fishing pressure. Aquatic Living Resources, 2008, 21, 339-348.	0.5	22
172	Biogeographic relationships among deep-sea hydrothermal vent faunas at global scale. Nature Precedings, 2008, , .	0.1	0
173	Compensatory dynamics are rare in natural ecological communities. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3273-3277.	3.3	264
174	LAC CROCHE UNDERSTORY VEGETATION DATA SET (1998â€“2006). Ecology, 2007, 88, 3209-3209.	1.5	7
175	Spatial-scale partitioning of in situ turbulent flow data over a pebble cluster in a gravel-bed river. Water Resources Research, 2007, 43, .	1.7	9
176	Microheterogeneity and Coevolution: An Examination of rDNA Sequence Characteristics in Neoparamoeba pemaquidensis and Its Prokinetoplastid Endosymbiont. Journal of Eukaryotic Microbiology, 2007, 54, 418-426.	0.8	26
177	Role of habitat and landscape in structuring small mammal assemblages in hedgerow networks of contrasted farming landscapes in Brittany, France. Landscape Ecology, 2007, 22, 1241-1253.	1.9	64
178	STUDYING BETA DIVERSITY: ECOLOGICAL VARIATION PARTITIONING BY MULTIPLE REGRESSION AND CANONICAL ANALYSIS. Chinese Journal of Plant Ecology, 2007, 31, 976-981.	0.3	19
179	Are algal communities driven toward maximum biomass?. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2667-2674.	1.2	21
180	VARIATION PARTITIONING OF SPECIES DATA MATRICES: ESTIMATION AND COMPARISON OF FRACTIONS. Ecology, 2006, 87, 2614-2625.	1.5	1,875

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181	SONAR BACKSCATTER DIFFERENTIATION OF DOMINANT MACROHABITAT TYPES IN A HYDROTHERMAL VENT FIELD. , 2006, 16, 1421-1435.		10
182	Power law relationships among hierarchical taxonomic categories in algae reveal a new paradox of the plankton. Global Ecology and Biogeography, 2006, 15, 528-535.	2.7	23
183	2000 Alwyn Gentry Award. Biotropica, 2006, 32, 769-770.	0.8	0
184	Spatial modelling: a comprehensive framework for principal coordinate analysis of neighbour matrices (PCNM). Ecological Modelling, 2006, 196, 483-493.	1.2	1,572
185	Medium scale approach (MSA) for improved assessment of coral reef fish habitat. Journal of Experimental Marine Biology and Ecology, 2006, 333, 219-230.	0.7	54
186	Phylogenetic Network Construction Approaches. Applied Mycology and Biotechnology, 2006, 6, 61-97.	0.3	43
187	Resource partitioning in a grazer guild feeding on a multilayer diatom mat. Journal of the North American Benthological Society, 2006, 25, 800-810.	3.0	36
188	Multiscale spatial distribution of a littoral fish community in relation to environmental variables. Limnology and Oceanography, 2005, 50, 465-479.	1.6	59
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