

Pedro R Peres-Neto

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5090928/pedro-r-peres-neto-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76
papers

11,967
citations

37
h-index

77
g-index

77
ext. papers

13,574
ext. citations

5.6
avg, IF

6.44
L-index

#	Paper	IF	Citations
76	Methods to account for spatial autocorrelation in the analysis of species distributional data: a review. <i>Ecography</i> , 2007 , 30, 609-628	6.5	2078
75	Variation partitioning of species data matrices: estimation and comparison of fractions. <i>Ecology</i> , 2006 , 87, 2614-25	4.6	1491
74	Spatial modelling: a comprehensive framework for principal coordinate analysis of neighbour matrices (PCNM). <i>Ecological Modelling</i> , 2006 , 196, 483-493	3	1245
73	ANALYZING BETA DIVERSITY: PARTITIONING THE SPATIAL VARIATION OF COMMUNITY COMPOSITION DATA. <i>Ecological Monographs</i> , 2005 , 75, 435-450	9	847
72	What controls who is where in freshwater fish communities? the roles of biotic, abiotic, and spatial factors. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2001 , 58, 157-170	2.4	674
71	How well do multivariate data sets match? The advantages of a Procrustean superimposition approach over the Mantel test. <i>Oecologia</i> , 2001 , 129, 169-178	2.9	632
70	How many principal components? stopping rules for determining the number of non-trivial axes revisited. <i>Computational Statistics and Data Analysis</i> , 2005 , 49, 974-997	1.6	464
69	Spatial modeling in ecology: the flexibility of eigenfunction spatial analyses. <i>Ecology</i> , 2006 , 87, 2603-13	4.6	446
68	The role of environmental and spatial processes in structuring lake communities from bacteria to fish. <i>Ecology</i> , 2006 , 87, 2985-91	4.6	370
67	Community ecology in the age of multivariate multiscale spatial analysis. <i>Ecological Monographs</i> , 2012 , 82, 257-275	9	358
66	Estimating and controlling for spatial structure in the study of ecological communities. <i>Global Ecology and Biogeography</i> , 2010 , 19, 174-184	6.1	307
65	Combining the fourth-corner and the RLQ methods for assessing trait responses to environmental variation. <i>Ecology</i> , 2014 , 95, 14-21	4.6	280
64	GIVING MEANINGFUL INTERPRETATION TO ORDINATION AXES: ASSESSING LOADING SIGNIFICANCE IN PRINCIPAL COMPONENT ANALYSIS. <i>Ecology</i> , 2003 , 84, 2347-2363	4.6	242
63	What controls who is where in freshwater fish communities? The roles of biotic, abiotic, and spatial factors. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2001 , 58, 157-170	2.4	170
62	Metacommunity phylogenetics: separating the roles of environmental filters and historical biogeography. <i>Ecology Letters</i> , 2010 , 13, 1290-9	10	141
61	Predictive Models of Fish Species Distributions: A Note on Proper Validation and Chance Predictions. <i>Transactions of the American Fisheries Society</i> , 2002 , 131, 329-336	1.7	140
60	Patterns in the co-occurrence of fish species in streams: the role of site suitability, morphology and phylogeny versus species interactions. <i>Oecologia</i> , 2004 , 140, 352-60	2.9	130

59	Spatial isolation and fish communities in drainage lakes. <i>Oecologia</i> , 2001 , 127, 572-585	2.9	129
58	Environmentally constrained null models: site suitability as occupancy criterion. <i>Oikos</i> , 2001 , 93, 110-120	4	105
57	Why phylogenies do not always predict ecological differences. <i>Ecological Monographs</i> , 2017 , 87, 535-551	9	103
56	Quantifying and disentangling dispersal in metacommunities: how close have we come? How far is there to go?. <i>Landscape Ecology</i> , 2010 , 25, 495-507	4.3	102
55	An empirical comparison of SPM preprocessing parameters to the analysis of fMRI data. <i>NeuroImage</i> , 2002 , 17, 19-28	7.9	101
54	The influence of swimming demand on phenotypic plasticity and morphological integration: a comparison of two polymorphic charr species. <i>Oecologia</i> , 2004 , 140, 36-45	2.9	89
53	Assessing the effects of spatial contingency and environmental filtering on metacommunity phylogenetics. <i>Ecology</i> , 2012 , 93, S14-S30	4.6	84
52	A community of metacommunities: exploring patterns in species distributions across large geographical areas. <i>Ecology</i> , 2013 , 94, 627-39	4.6	81
51	Ecology in the age of DNA barcoding: the resource, the promise and the challenges ahead. <i>Molecular Ecology Resources</i> , 2014 , 14, 221-32	8.4	80
50	A new phylogenetic method for identifying exceptional phenotypic diversification. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 135-46	3.8	78
49	Linking trait variation to the environment: critical issues with community-weighted mean correlation resolved by the fourth-corner approach. <i>Ecography</i> , 2017 , 40, 806-816	6.5	68
48	Phylogenetic eigenvector maps: a framework to model and predict species traits. <i>Methods in Ecology and Evolution</i> , 2013 , 4, 1120-1131	7.7	67
47	ANALYZING OR EXPLAINING BETA DIVERSITY? COMMENT. <i>Ecology</i> , 2008 , 89, 3238-3244	4.6	65
46	MEMGENE: Spatial pattern detection in genetic distance data. <i>Methods in Ecology and Evolution</i> , 2014 , 5, 1116-1120	7.7	61
45	Assessing the robustness of randomization tests: examples from behavioural studies. <i>Animal Behaviour</i> , 2001 , 61, 79-86	2.8	57
44	Using functional traits to investigate the determinants of crustacean zooplankton community structure. <i>Oikos</i> , 2013 , 122, 1700-1709	4	45
43	Much beyond Mantel: bringing Procrustes association metric to the plant and soil ecologists' toolbox. <i>PLoS ONE</i> , 2014 , 9, e101238	3.7	44
42	Measuring protected-area isolation and correlations of isolation with land-use intensity and protection status. <i>Conservation Biology</i> , 2012 , 26, 610-8	6	40

41	Using null model analysis of species co-occurrences to deconstruct biodiversity patterns and select indicator species. <i>Diversity and Distributions</i> , 2009 , 15, 958-971	5	40
40	Spatiotemporal dynamics in a seasonal metacommunity structure is predictable: the case of floodplain-fish communities. <i>Ecography</i> , 2013 , no-no	6.5	38
39	Influence of agronomic practices, local environment and landscape structure on predatory beetle assemblage. <i>Agriculture, Ecosystems and Environment</i> , 2010 , 139, 500-507	5.7	37
38	Beyond neutrality: disentangling the effects of species sorting and spurious correlations in community analysis. <i>Ecology</i> , 2018 , 99, 1737-1747	4.6	36
37	Determinism of bacterial metacommunity dynamics in the southern East China Sea varies depending on hydrography. <i>Ecography</i> , 2015 , 38, 198-212	6.5	34
36	Habitat-based polymorphism is common in stream fishes. <i>Journal of Animal Ecology</i> , 2015 , 84, 219-27	4.7	33
35	A critical issue in model-based inference for studying trait-based community assembly and a solution. <i>PeerJ</i> , 2017 , 5, e2885	3.1	30
34	Deconstructing the relationships between phylogenetic diversity and ecology: a case study on ecosystem functioning. <i>Ecology</i> , 2016 , 97, 2212-2222	4.6	24
33	On the evolution of dispersal via heterogeneity in spatial connectivity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20142879	4.4	20
32	Climate, history and life-history strategies interact in explaining differential macroecological patterns in freshwater zooplankton. <i>Global Ecology and Biogeography</i> , 2016 , 25, 1454-1465	6.1	15
31	Simple parametric tests for trait-environment association. <i>Journal of Vegetation Science</i> , 2018 , 29, 801-811	3.1	15
30	Meso-scale distributions of lake zooplankton reveal spatially and temporally varying trophic cascades. <i>Journal of Plankton Research</i> , 2010 , 32, 1369-1384	2.2	14
29	A quantitative framework to estimate the relative importance of environment, spatial variation and patch connectivity in driving community composition. <i>Journal of Animal Ecology</i> , 2017 , 86, 316-326	4.7	13
28	Convergent polymorphism between stream and lake habitats: the case of brook char. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015 , 72, 1406-1414	2.4	13
27	Morphological and swim performance variation among reproductive tactics of bluegill sunfish (<i>Lepomis macrochirus</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011 , 68, 1802-1810	2.4	13
26	The interaction between the spatial distribution of resource patches and population density: consequences for intraspecific growth and morphology. <i>Journal of Animal Ecology</i> , 2015 , 84, 934-42	4.7	12
25	Data curation: Act to staunch loss of research data. <i>Nature</i> , 2015 , 520, 436	50.4	11
24	Competitive effects between rainbow trout and Atlantic salmon in natural and artificial streams. <i>Ecology of Freshwater Fish</i> , 2016 , 25, 248-260	2.1	11

23	Improving phylogenetic regression under complex evolutionary models. <i>Ecology</i> , 2016 , 97, 286-93	4.6	11
22	Spatial and species compositional networks for inferring connectivity patterns in ecological communities. <i>Global Ecology and Biogeography</i> , 2015 , 24, 718-727	6.1	11
21	Type 1 error rates of the parsimony permutation tail probability test. <i>Systematic Biology</i> , 2002 , 51, 524-78.4		11
20	Phylogenetic gradient analysis: environmental drivers of phylogenetic variation across ecological communities. <i>Plant Ecology</i> , 2015 , 216, 709-724	1.7	10
19	Assessing among-lineage variability in phylogenetic imputation of functional trait datasets. <i>Ecography</i> , 2018 , 41, 1740-1749	6.5	10
18	Shifts in climate foster exceptional opportunities for species radiation: the case of South african geraniums. <i>PLoS ONE</i> , 2013 , 8, e83087	3.7	10
17	The importance of scaling of multivariate analysis in ecological studies. <i>Ecoscience</i> , 2001 , 8, 522-526	1.1	9
16	Will technology trample peer review in ecology? Ongoing issues and potential solutions. <i>Oikos</i> , 2016 , 125, 3-9	4	9
15	The interaction of phylogeny and community structure: Linking the community composition and trait evolution of clades. <i>Global Ecology and Biogeography</i> , 2019 , 28, 1499-1511	6.1	8
14	Epidemiological landscape models reproduce cyclic insect outbreaks. <i>Ecological Complexity</i> , 2017 , 31, 78-87	2.6	7
13	Seasonal trophic dynamics affect zooplankton community variability. <i>Freshwater Biology</i> , 2009 , 54, 2351-2363	3.3	7
12	Phenotype-dependent selection underlies patterns of sorting across habitats: the case of stream-fishes. <i>Oikos</i> , 2017 , 126, 1660-1671	4	6
11	Effects of foraging and sexual selection on ecomorphology of a fish with alternative reproductive tactics. <i>Behavioral Ecology</i> , 2013 , 24, 1339-1347	2.3	6
10	Global urban environmental change drives adaptation in white clover.. <i>Science</i> , 2022 , 375, 1275-1281	33.3	6
9	Using directed phylogenetic networks to retrace species dispersal history. <i>Molecular Phylogenetics and Evolution</i> , 2012 , 64, 190-7	4.1	5
8	Delineating marine ecological units: a novel approach for deciding which taxonomic group to use and which taxonomic resolution to choose. <i>Diversity and Distributions</i> , 2015 , 21, 1167-1180	5	4
7	Early growth trajectories affect sexual responsiveness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20132899	4.4	4
6	When Are Random Data Not Random, or Is the PTP Test Useful?. <i>Cladistics</i> , 2000 , 16, 420-424	3.5	4

5	Inferring explicit weighted consensus networks to represent alternative evolutionary histories. <i>BMC Evolutionary Biology</i> , 2013 , 13, 274	3	2
4	The spatial frequency of climatic conditions affects niche composition and functional diversity of species assemblages: the case of Angiosperms. <i>Ecology Letters</i> , 2020 , 23, 254-264	10	2
3	Disturbance-induced emigration: an overlooked mechanism that reduces metapopulation extinction risk. <i>Ecology</i> , 2021 , 102, e03423	4.6	1
2	Metacommunities from bacteria to birds: stronger environmental selection in mediterranean than in tropical ponds		1
1	Species compositions mediate biomass conservation: the case of lake fish communities.. <i>Ecology</i> , 2021 , e3608	4.6	