

Miguel A Rodriguez

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

4,343
citations

109321

35
h-index

118850

62
g-index

89
all docs

89
docs citations

89
times ranked

6208
citing authors

#	ARTICLE	IF	CITATIONS
1	An updated phylogenetic bioregionalization for the European fern flora. <i>Biodiversity and Conservation</i> , 2021, 30, 201-215.	2.6	2
2	Maximum levels of global phylogenetic diversity efficiently capture plant services for humankind. <i>Nature Ecology and Evolution</i> , 2021, 5, 583-588.	7.8	50
3	Correspondence analysis, spectral clustering and graph embedding: applications to ecology and economic complexity. <i>Scientific Reports</i> , 2021, 11, 8926.	3.3	16
4	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. <i>Scientific Data</i> , 2021, 8, 136.	5.3	29
5	A global database of plant services for humankind. <i>PLoS ONE</i> , 2021, 16, e0253069.	2.5	11
6	Iberian Protected Areas Capture Regional Functional, Phylogenetic and Taxonomic Diversity of Most Tetrapod Groups. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	4
7	Atlas of the vascular flora of the Iberian Peninsula biodiversity hotspot (AFLIBER). <i>Global Ecology and Biogeography</i> , 2021, 30, 1951-1957.	5.8	6
8	Historical contingency, niche conservatism and the tendency for some taxa to be more diverse towards the poles. <i>Journal of Biogeography</i> , 2020, 47, 783-794.	3.0	11
9	Global distribution of earthworm diversity. <i>Science</i> , 2019, 366, 480-485.	12.6	248
10	Pleistocene climate change and the formation of regional species pools. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190291.	2.6	20
11	Assessing among-lineage variability in phylogenetic imputation of functional trait datasets. <i>Ecography</i> , 2018, 41, 1740-1749.	4.5	26
12	Climate and amphibian body size: a new perspective gained from the fossil record. <i>Ecography</i> , 2018, 41, 1307-1318.	4.5	11
13	Evolutionary history predicts the response of tree species to forest loss: A case study in peninsular Spain. <i>PLoS ONE</i> , 2018, 13, e0204365.	2.5	3
14	Phylogeny and the prediction of tree functional diversity across novel continental settings. <i>Global Ecology and Biogeography</i> , 2017, 26, 553-562.	5.8	31
15	Revisiting phylogenetic signal; strong or negligible impacts of polytomies and branch length information?. <i>BMC Evolutionary Biology</i> , 2017, 17, 53.	3.2	105
16	Structural bias in aggregated species-level variables driven by repeated species co-occurrences: a pervasive problem in community and assemblage data. <i>Journal of Biogeography</i> , 2017, 44, 1199-1211.	3.0	45
17	Geography and major host evolutionary transitions shape the resource use of plant parasites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9840-9845.	7.1	61
18	Glaciations, deciduous forests, water availability and current geographical patterns in the diversity of European <i>Carabus</i> species. <i>Journal of Biogeography</i> , 2016, 43, 2343-2353.	3.0	40

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19	Constancy in Functional Space across a Species Richness Anomaly. <i>American Naturalist</i> , 2016, 187, E83-E92.	2.1	19
20	Estudio, gesti3n, conservaci3n y restauraci3n de ecosistemas ante el cambio global: 1Âº Jornadas FORECO en la Universidad de Alcal. <i>Ecosistemas</i> , 2016, 25, 115.	0.4	0
21	Detecting Fragmentation Extinction Thresholds for Forest Understory Plant Species in Peninsular Spain. <i>PLoS ONE</i> , 2015, 10, e0126424.	2.5	10
22	Revealing patterns of local species richness along environmental gradients with a novel network tool. <i>Scientific Reports</i> , 2015, 5, 11561.	3.3	10
23	Body Size, Extinction Risk and Knowledge Bias in New World Snakes. <i>PLoS ONE</i> , 2014, 9, e113429.	2.5	17
24	Identifying global zoogeographical regions: lessons from <sc>W</sc>allace. <i>Journal of Biogeography</i> , 2013, 40, 2215-2225.	3.0	84
25	Range size patterns of New World oscine passerines (Aves): insights from differences among migratory and sedentary clades. <i>Journal of Biogeography</i> , 2013, 40, 2261-2273.	3.0	13
26	Does fragmentation increase extinction thresholds? A <sc>E</sc>uropean-wide test with seven forest birds. <i>Global Ecology and Biogeography</i> , 2013, 22, 1282-1292.	5.8	31
27	The Imprint of Cenozoic Migrations and Evolutionary History on the Biogeographic Gradient of Body Size in New World Mammals. <i>American Naturalist</i> , 2012, 180, 246-256.	2.1	34
28	On the selection of phylogenetic eigenvectors for ecological analyses. <i>Ecography</i> , 2012, 35, 239-249.	4.5	107
29	Species distribution modelling as a macroecological tool: a case study using New World amphibians. <i>Ecography</i> , 2012, 35, 539-548.	4.5	45
30	Deep phylogeny, net primary productivity, and global body size gradient in birds. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 880-892.	1.6	27
31	Integrating phylogeny, environment and space to explore variation in macroecological traits of Viperidae and Elapidae (Squamata: Serpentes). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2012, 50, 202-209.	1.4	4
32	Environmental determinants of woody and herb plant species richness patterns in Great Britain. <i>Ecoscience</i> , 2011, 18, 394-401.	1.4	11
33	Assessing the influence of environmental and human factors on native and exotic species richness. <i>Acta Oecologica</i> , 2011, 37, 51-57.	1.1	14
34	Ice age climate, evolutionary constraints and diversity patterns of European dung beetles. <i>Ecology Letters</i> , 2011, 14, 741-748.	6.4	183
35	Niche conservatism and species richness patterns of squamate reptiles in eastern and southern Africa. <i>Austral Ecology</i> , 2011, 36, 550-558.	1.5	14
36	Global angiosperm family richness revisited: linking ecology and evolution to climate. <i>Journal of Biogeography</i> , 2011, 38, 1253-1266.	3.0	116

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37	Climatic niche conservatism and the evolutionary dynamics in species range boundaries: global congruence across mammals and amphibians. <i>Journal of Biogeography</i> , 2011, 38, 2237-2247.	3.0	75
38	Relationships of climate, residence time, and biogeographical origin with the range sizes and species richness patterns of exotic plants in Great Britain. <i>Plant Ecology</i> , 2011, 212, 1901-1911.	1.6	15
39	Biogeographic Distribution Patterns of South American Amphibians: A Regionalization Based on Cluster Analysis. <i>Natureza A Conservacao</i> , 2011, 9, 67-72.	2.5	11
40	Predicted impact of climate change on threatened terrestrial vertebrates in central Spain highlights differences between endotherms and ectotherms. <i>Animal Conservation</i> , 2010, 13, 363-373.	2.9	42
41	Discerning the impact of human-mediated factors on biodiversity using bioclimatic envelope models and partial regression techniques. <i>Diversity and Distributions</i> , 2010, 16, 300-309.	4.1	4
42	Species' response patterns to habitat fragmentation: do trees support the extinction threshold hypothesis?. <i>Oikos</i> , 2010, 119, 1335-1343.	2.7	21
43	Cross-species and assemblage-based approaches to Bergmann's rule and the biogeography of body size in <i>Plethodon</i> salamanders of eastern North America. <i>Ecography</i> , 2010, 33, 362-368.	4.5	45
44	Towards a biogeographic regionalization of the European biota. <i>Journal of Biogeography</i> , 2010, 37, 2067-2076.	3.0	75
45	Measuring evolutionary responses to global warming: cautionary lessons from <i>Drosophila</i> . <i>Insect Conservation and Diversity</i> , 2010, 3, 44-50.	3.0	14
46	The contribution of contemporary climate to ectothermic and endothermic vertebrate distributions in a glacial refuge. <i>Global Ecology and Biogeography</i> , 2010, 19, 40-49.	5.8	63
47	Prioritizing areas for conservation and vegetation restoration in post-agricultural landscapes: A Biosphere Reserve plan for Bioko, Equatorial Guinea. <i>Biological Conservation</i> , 2010, 143, 787-794.	4.1	26
48	Effects of seasonal grazing and precipitation regime on the soil macroinvertebrates of a Mediterranean old-field. <i>European Journal of Soil Biology</i> , 2010, 46, 91-96.	3.2	26
49	Habitat productivity influences root mass vertical distribution in grazed Mediterranean ecosystems. <i>Acta Oecologica</i> , 2010, 36, 377-382.	1.1	10
50	Human access and landscape structure effects on Andean forest bird richness. <i>Acta Oecologica</i> , 2010, 36, 396-402.	1.1	19
51	Deriving Species Richness, Endemism, and Threatened Species Patterns from Incomplete Distribution Data in the Bioko Island, Equatorial Guinea. <i>Natureza A Conservacao</i> , 2010, 08, 27-33.	2.5	7
52	Global richness patterns of venomous snakes reveal contrasting influences of ecology and history in two different clades. <i>Oecologia</i> , 2009, 159, 617-626.	2.0	27
53	Climate history, human impacts and global body size of Carnivora (Mammalia: Eutheria) at multiple evolutionary scales. <i>Journal of Biogeography</i> , 2009, 36, 2222-2236.	3.0	69
54	Geographic body size gradients in tropical regions: water deficit and anuran body size in the Brazilian Cerrado. <i>Ecography</i> , 2009, 32, 581-590.	4.5	74

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55	Coefficient shifts in geographical ecology: an empirical evaluation of spatial and non-spatial regression. <i>Ecography</i> , 2009, 32, 193-204.	4.5	231
56	Richness patterns, species distributions and the principle of extreme deconstruction. <i>Global Ecology and Biogeography</i> , 2009, 18, 123-136.	5.8	49
57	Global conservation strategies for two clades of snakes: combining taxon-specific goals with general prioritization schemes. <i>Diversity and Distributions</i> , 2009, 15, 841-851.	4.1	8
58	What Do Range Maps and Surveys Tell Us About Diversity Patterns?. <i>Folia Geobotanica</i> , 2008, 43, 345-355.	0.9	45
59	Bergmann's rule and the geography of mammal body size in the Western Hemisphere. <i>Global Ecology and Biogeography</i> , 2008, 17, 274-283.	5.8	133
60	Illegal logging, landscape structure and the variation of tree species richness across North Andean forest remnants. <i>Forest Ecology and Management</i> , 2008, 255, 1892-1899.	3.2	27
61	Dispersal potentials determine responses of woody plant species richness to environmental factors in fragmented Mediterranean landscapes. <i>Forest Ecology and Management</i> , 2008, 255, 2894-2906.	3.2	23
62	Animal Versus Wind Dispersal and the Robustness of Tree Species to Deforestation. <i>Science</i> , 2008, 320, 1502-1504.	12.6	125
63	Seeing the forest for the trees: partitioning ecological and phylogenetic components of Bergmann's rule in European Carnivora. <i>Ecography</i> , 2007, 30, 598-608.	4.5	72
64	GLOBAL MODELS FOR PREDICTING WOODY PLANT RICHNESS FROM CLIMATE: COMMENT. <i>Ecology</i> , 2007, 88, 255-259.	3.2	17
65	METABOLIC THEORY AND DIVERSITY GRADIENTS: WHERE DO WE GO FROM HERE?. <i>Ecology</i> , 2007, 88, 1898-1902.	3.2	47
66	A GLOBAL EVALUATION OF METABOLIC THEORY AS AN EXPLANATION FOR TERRESTRIAL SPECIES RICHNESS GRADIENTS. <i>Ecology</i> , 2007, 88, 1877-1888.	3.2	139
67	Contemporary richness of holarctic trees and the historical pattern of glacial retreat. <i>Ecography</i> , 2007, 30, 173-182.	4.5	89
68	Seeing the forest for the trees: partitioning ecological and phylogenetic components of Bergmann's rule in European Carnivora. <i>Ecography</i> , 2007, 30, 598-608.	4.5	14
69	Energy and interspecific body size patterns of amphibian faunas in Europe and North America: anurans follow Bergmann's rule, urodeles its converse. <i>Global Ecology and Biogeography</i> , 2007, 16, 606-617.	5.8	189
70	The geographic distribution of mammal body size in Europe. <i>Global Ecology and Biogeography</i> , 2006, 15, 173-181.	5.8	100
71	Broad-scale patterns of body size in squamate reptiles of Europe and North America. <i>Journal of Biogeography</i> , 2006, 33, 781-793.	3.0	174
72	Energy, water and large-scale patterns of reptile and amphibian species richness in Europe. <i>Acta Oecologica</i> , 2005, 28, 65-70.	1.1	152

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73	Food web complexity and higher-level ecosystem services. <i>Ecology Letters</i> , 2003, 6, 587-593.	6.4	100
74	Habitat patchiness and plant species richness. <i>Ecology Letters</i> , 2001, 4, 417-420.	6.4	59
75	Self-disturbance as a Source of Spatiotemporal Heterogeneity: the Case of the Tallgrass Prairie. <i>Journal of Theoretical Biology</i> , 2000, 204, 153-164.	1.7	22
76	Diversity, function and stability in parasitoid communities. <i>Ecology Letters</i> , 2000, 3, 35-40.	6.4	77
77	Rapid micro-evolution and loss of chromosomal diversity in <i>Drosophila</i> in response to climate warming. <i>Evolutionary Ecology</i> , 1998, 12, 829-838.	1.2	157
78	Resource partitioning of four sympatric bark beetles depending on swarming dates and tree species. <i>Forest Ecology and Management</i> , 1998, 109, 127-135.	3.2	43
79	Plant competition and slug herbivory: Effects on the yield and biomass allocation pattern of <i>Poa annua</i> L. <i>Acta Oecologica</i> , 1998, 19, 37-46.	1.1	31
80	Species and life-forms composition of Mediterranean mountain pastures in two years of contrasting precipitation. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 1997, 192, 231-240.	1.2	3
81	Determination of Animal Behavior-Environment Relationships by Correspondence Analysis. <i>Journal of Range Management</i> , 1997, 50, 85.	0.3	18
82	Vertical distribution of below-ground biomass in intensively grazed mesic grasslands. <i>Journal of Vegetation Science</i> , 1996, 7, 137-142.	2.2	3
83	The vertical distribution of below-ground biomass in grassland communities in relation to grazing regime and habitat characteristics. <i>Journal of Vegetation Science</i> , 1995, 6, 63-72.	2.2	19
84	Stability May Decrease with Diversity in Grassland Communities: Empirical Evidence from the 1986 Cantabrian Mountains (Spain) Drought. <i>Oikos</i> , 1994, 71, 177.	2.7	26
85	Ecological and evolutionary components of body size: geographic variation of venomous snakes at the global scale. <i>Biological Journal of the Linnean Society</i> , 0, 98, 94-109.	1.6	51