

Christine N Meynard

List of Publications by Citations

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

43
papers

2,702
citations

23
h-index

48
g-index

48
ext. papers

3,164
ext. citations

5.2
avg, IF

5.01
L-index

#	Paper	IF	Citations
43	Spatial mismatch and congruence between taxonomic, phylogenetic and functional diversity: the need for integrative conservation strategies in a changing world. <i>Ecology Letters</i> , 2010 , 13, 1030-40	10	549
42	Ecophylogenetics: advances and perspectives. <i>Biological Reviews</i> , 2012 , 87, 769-85	13.5	270
41	The partitioning of diversity: showing Theseus a way out of the labyrinth. <i>Journal of Vegetation Science</i> , 2010 , 21, 992-1000	3.1	204
40	The virtual ecologist approach: simulating data and observers. <i>Oikos</i> , 2010 , 119, 622-635	4	193
39	Predicting species distributions: a critical comparison of the most common statistical models using artificial species. <i>Journal of Biogeography</i> , 2007 , 34, 1455-1469	4.1	160
38	Beyond taxonomic diversity patterns: how do functional components of bird functional and phylogenetic diversity respond to environmental gradients across France?. <i>Global Ecology and Biogeography</i> , 2011 , 20, 893-903	6.1	156
37	Protected and threatened components of fish biodiversity in the Mediterranean sea. <i>Current Biology</i> , 2011 , 21, 1044-50	6.3	105
36	Without quality presence-absence data, discrimination metrics such as TSS can be misleading measures of model performance. <i>Journal of Biogeography</i> , 2018 , 45, 1994-2002	4.1	105
35	virtualspecies, an R package to generate virtual species distributions. <i>Ecography</i> , 2016 , 39, 599-607	6.5	104
34	Disentangling the drivers of metacommunity structure across spatial scales. <i>Journal of Biogeography</i> , 2013 , 40, 1560-1571	4.1	91
33	From diversity indices to community assembly processes: a test with simulated data. <i>Ecography</i> , 2012 , 35, 468-480	6.5	76
32	Asynchrony of taxonomic, functional and phylogenetic diversity in birds. <i>Global Ecology and Biogeography</i> , 2014 , 23, 780-788	6.1	75
31	Using virtual species to study species distributions and model performance. <i>Journal of Biogeography</i> , 2013 , 40, 1-8	4.1	49
30	Representing taxonomic, phylogenetic and functional diversity: new challenges for Mediterranean marine-protected areas. <i>Diversity and Distributions</i> , 2015 , 21, 175-187	5	43
29	Climate-driven geographic distribution of the desert locust during recession periods: Subspecies niche differentiation and relative risks under scenarios of climate change. <i>Global Change Biology</i> , 2017 , 23, 4739-4749	11.4	40
28	Testing methods in species distribution modelling using virtual species: what have we learnt and what are we missing?. <i>Ecography</i> , 2019 , 42, 2021-2036	6.5	32
27	Bird metacommunities in temperate South American forest: vegetation structure, area, and climate effects. <i>Ecology</i> , 2008 , 89, 981-90	4.6	31

26	A phylogenetic perspective on the evolution of Mediterranean teleost fishes. <i>PLoS ONE</i> , 2012 , 7, e36443	3.7	31
25	The effect of a gradual response to the environment on species distribution modeling performance. <i>Ecography</i> , 2012 , 35, 499-509	6.5	29
24	Evidence of environmental niche differentiation in the striped mouse (<i>Rhabdomys</i> sp.): inference from its current distribution in southern Africa. <i>Ecology and Evolution</i> , 2012 , 2, 1008-23	2.8	28
23	Uncertainties in predicting species distributions under climate change: a case study using <i>Tetranychus evansi</i> (Acari: Tetranychidae), a widespread agricultural pest. <i>PLoS ONE</i> , 2013 , 8, e66445	3.7	28
22	On the relative role of climate change and management in the current desert locust outbreak in East Africa. <i>Global Change Biology</i> , 2020 , 26, 3753-3755	11.4	27
21	Digestive Enzymes of a Small Avian Herbivore, the Rufous-Tailed Plantcutter. <i>Condor</i> , 1999 , 101, 904-907	2.1	26
20	Projected impacts of climate warming on the functional and phylogenetic components of coastal Mediterranean fish biodiversity. <i>Ecography</i> , 2015 , 38, 681-689	6.5	21
19	Dispersal scales up the biodiversity-productivity relationship in an experimental source-sink metacommunity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 2339-45	4.4	21
18	Space use variation in co-occurring sister species: response to environmental variation or competition?. <i>PLoS ONE</i> , 2015 , 10, e0117750	3.7	21
17	Multifaceted biodiversity hotspots of marine mammals for conservation priorities. <i>Diversity and Distributions</i> , 2017 , 23, 615-626	5	20
16	Large-scale spatio-temporal monitoring highlights hotspots of demersal fish diversity in the Mediterranean Sea. <i>Progress in Oceanography</i> , 2015 , 130, 65-74	3.8	19
15	Conservation of temperate forest birds in Chile: implications from the study of an isolated forest relict. <i>Biodiversity and Conservation</i> , 2002 , 11, 1975-1990	3.4	19
14	Historical summer distribution of the endangered North Atlantic right whale (<i>Eubalaena glacialis</i>): a hypothesis based on environmental preferences of a congeneric species. <i>Diversity and Distributions</i> , 2015 , 21, 925-937	5	16
13	Environmental correlates and co-occurrence of three mitochondrial lineages of striped mice (<i>Rhabdomys</i>) in the Free State Province (South Africa). <i>Acta Oecologica</i> , 2012 , 42, 30-40	1.7	16
12	Modeling spatial expansion of invasive alien species: relative contributions of environmental and anthropogenic factors to the spreading of the harlequin ladybird in France. <i>Ecography</i> , 2016 , 39, 665-675	6.5	16
11	Influence of past and future climate changes on the distribution of three Southeast Asian murine rodents. <i>Journal of Biogeography</i> , 2015 , 42, 1714-1726	4.1	15
10	A spatially explicit estimate of the prewhaling abundance of the endangered North Atlantic right whale. <i>Conservation Biology</i> , 2016 , 30, 783-91	6	15
9	Mapping diversity indices: not a trivial issue. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 688-696	7.7	13

8	Bats of the Chilean temperate rainforest: patterns of landscape use in a mosaic of native forests, eucalyptus plantations and grasslands within a South American biodiversity hotspot. <i>Biodiversity and Conservation</i> , 2014 , 23, 1949-1963	3-4	8
7	Comparing alternative systematic conservation planning strategies against a politically driven conservation plan. <i>Biodiversity and Conservation</i> , 2009 , 18, 3061-3083	3-4	6
6	Integrating phylogenetic and functional biodiversity facets to guide conservation: a case study using anurans in a global biodiversity hotspot. <i>Biodiversity and Conservation</i> , 2018 , 27, 3247-3266	3-4	5
5	The effects of climate change on a mega-diverse country: predicted shifts in mammalian species richness and turnover in continental Ecuador. <i>Biotropica</i> , 2017 , 49, 821-831	2-3	4
4	Detecting outliers in species distribution data: Some caveats and clarifications on a virtual species study. <i>Journal of Biogeography</i> , 2019 , 46, 2141-2144	4-1	3
3	On the relative importance of space and environment in farmland bird community assembly. <i>PLoS ONE</i> , 2019 , 14, e0213360	3-7	3
2	A young age of subspecific divergence in the desert locust inferred by ABC random forest. <i>Molecular Ecology</i> , 2020 , 29, 4542-4558	5-7	3
1	A young age of subspecific divergence in the desert locust <i>Schistocerca gregaria</i> , inferred by ABC Random Forest		1