

Andrew Townsend Peterson

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

486
papers

45,917
citations

83
h-index

206
g-index

516
ext. papers

52,762
ext. citations

4.2
avg, IF

7.78
L-index

#	Paper	IF	Citations
486	On the potential of documenting decadal-scale avifaunal change from before-and-after comparisons of museum and observational data across North America. <i>Avian Research</i> , 2022 , 13, 100005 ²		
485	Spatio-temporal dynamics of rabies and habitat suitability of the common marmoset <i>Callithrix jacchus</i> in Brazil.. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010254	4.8	
484	Coupling genetic structure analysis and ecological-niche modeling in Kersting's groundnut in West Africa.. <i>Scientific Reports</i> , 2022 , 12, 5590	4.9	0
483	Climate change influences on the geographic distributional potential of the spotted fever vectors and .. <i>PeerJ</i> , 2022 , 10, e13279	3.1	1
482	Potential geographic distribution of , the vector of Powassan virus.. <i>Journal of Vector Ecology</i> , 2021 , 46, 155-162	1.5	0
481	New distributional opportunities with niche innovation in Eurasian snowfinches. <i>Journal of Avian Biology</i> , 2021 , 52,	1.9	1
480	Likely Geographic Distributional Shifts among Medically Important Tick Species and Tick-Associated Diseases under Climate Change in North America: A Review. <i>Insects</i> , 2021 , 12,	2.8	16
479	Upward shifts in elevational limits of forest and grassland for Mexican volcanoes over three decades. <i>Biotropica</i> , 2021 , 53, 798-807	2.3	2
478	Modelling potential Pleistocene habitat corridors between Afrotropical forest regions. <i>Biodiversity and Conservation</i> , 2021 , 30, 2361-2375	3.4	1
477	Rivers, not refugia, drove diversification in arboreal, sub-Saharan African snakes. <i>Ecology and Evolution</i> , 2021 , 11, 6133-6152	2.8	1
476	Cautions in weighting individual ecological niche models in ensemble forecasting. <i>Ecological Modelling</i> , 2021 , 448, 109502	3	5
475	Leveraging natural history biorepositories as a global, decentralized, pathogen surveillance network. <i>PLoS Pathogens</i> , 2021 , 17, e1009583	7.6	12
474	Climatic suitability of the eastern paralysis tick, <i>Ixodes holocyclus</i> , and its likely geographic distribution in the year 2050. <i>Scientific Reports</i> , 2021 , 11, 15330	4.9	2
473	Lack of protected areas and future habitat loss threaten the Hyacinth Macaw (<i>Anodorhynchus hyacinthinus</i>) and its main food and nesting resources. <i>Ibis</i> , 2021 , 163, 1217-1234	1.9	0
472	Incorporating time into the traditional correlational distributional modelling framework: A proof-of-concept using the Wood Thrush <i>Hylocichla mustelina</i> . <i>Methods in Ecology and Evolution</i> , 2021 , 12, 311-321	7.7	5
471	Effects of climatic change on the potential geographic distribution of the threatened West-Central African endemic genus, <i>Talbotiella</i> . <i>African Journal of Ecology</i> , 2021 , 59, 479-488	0.8	
470	Geographic potential of the world's largest hornet, Smith (Hymenoptera: Vespidae), worldwide and particularly in North America. <i>PeerJ</i> , 2021 , 9, e10690	3.1	9

469	Different elevational environments dictate contrasting patterns of niche evolution in Neotropical Pithecopus treefrog species. <i>Biotropica</i> , 2021 , 53, 1042-1051	2.3	2
468	Ecological niche models of biotic interactions predict increasing pest risk to olive cultivars with changing climate. <i>Ecosphere</i> , 2021 , 12, e03714	3.1	2
467	Genome-environment association methods comparison supports omnigenic adaptation to ecological niche in malaria vector mosquitoes. <i>Molecular Ecology</i> , 2021 , 30, 6468-6485	5.7	2
466	A synopsis of the Bee occurrence data of northern Tanzania. <i>Biodiversity Data Journal</i> , 2021 , 9, e68190	1.8	1
465	Application of Deep Learning to Community-Science-Based Mosquito Monitoring and Detection of Novel Species. <i>Journal of Medical Entomology</i> , 2021 ,	2.2	1
464	Climate change impacts on <i>Anopheles (K.) cruzii</i> in urban areas of Atlantic Forest of Brazil: Challenges for malaria diseases. <i>Acta Tropica</i> , 2021 , 224, 106123	3.2	0
463	Deep learning improves acoustic biodiversity monitoring and new candidate forest frog species identification (genus <i>Platymantis</i>) in the Philippines. <i>Biodiversity and Conservation</i> , 2021 , 30, 643-657	3.4	1
462	Great journey of Great Tits (<i>Parus major</i> group): Origin, diversification and historical demographics of a broadly distributed bird lineage. <i>Journal of Biogeography</i> , 2020 , 47, 1585-1598	4.1	4
461	A standard protocol for reporting species distribution models. <i>Ecography</i> , 2020 , 43, 1261-1277	6.5	141
460	Co-occurrence Networks do not Support Identification of Biotic Interactions. <i>Biodiversity Informatics</i> , 2020 , 15, 1-10	2.9	10
459	Climate change implications for the distribution of the babesiosis and anaplasmosis tick vector, <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Research</i> , 2020 , 51, 81	3.8	12
458	Potential distributions of <i>Bacillus anthracis</i> and <i>Bacillus cereus</i> biovar anthracis causing anthrax in Africa. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008131	4.8	10
457	Acknowledging uncertainty in evolutionary reconstructions of ecological niches. <i>Ecology and Evolution</i> , 2020 , 10, 6967-6977	2.8	5
456	Recognizing sources of uncertainty in disease vector ecological niche models: An example with the tick <i>Rhipicephalus sanguineus sensu lato</i> . <i>Perspectives in Ecology and Conservation</i> , 2020 , 18, 91-102	3.5	7
455	Potential Roles of Environmental and Socio-Economic Factors in the Distribution of Insecticide Resistance in <i>Anopheles gambiae sensu lato</i> (Culicidae: Diptera) Across Togo, West Africa. <i>Journal of Medical Entomology</i> , 2020 , 57, 1168-1175	2.2	1
454	A new model for efficient, need-driven progress in generating primary biodiversity information resources. <i>Applications in Plant Sciences</i> , 2020 , 8, e11318	2.3	2
453	Diversity, above-ground biomass, and vegetation patterns in a tropical dry forest in Kimbi-Fungom National Park, Cameroon. <i>Heliyon</i> , 2020 , 6, e03290	3.6	4
452	Relationships between population densities and niche-centroid distances in North American birds. <i>Ecology Letters</i> , 2020 , 23, 555-564	10	31

451	Supraspecific units in correlative niche modeling improves the prediction of geographic potential of biological invasions. <i>PeerJ</i> , 2020 , 8, e10454	3.1	6
450	Inventory statistics meet big data: complications for estimating numbers of species. <i>PeerJ</i> , 2020 , 8, e88731	3.1	2
449	Malaria in North Africa: A Review of the Status of Vectors and Parasites. <i>Journal of Entomological Science</i> , 2020 , 55, 25	0.4	1
448	The ecology of chronic wasting disease in wildlife. <i>Biological Reviews</i> , 2020 , 95, 393-408	13.5	17
447	ntbox: An r package with graphical user interface for modelling and evaluating multidimensional ecological niches. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 1199-1206	7.7	59
446	Assessing the current and future potential geographic distribution of the American dog tick, <i>Dermacentor variabilis</i> (Say) (Acari: Ixodidae) in North America. <i>PLoS ONE</i> , 2020 , 15, e0237191	3.7	16
445	Presence-only and Presence-absence Data for Comparing Species Distribution Modeling Methods. <i>Biodiversity Informatics</i> , 2020 , 15, 69-80	2.9	13
444	Optimizing biodiversity informatics to improve information flow, data quality, and utility for science and society. <i>Frontiers of Biogeography</i> , 2020 , 12,	2.9	8
443	Climate change influences on the potential distribution of <i>Dianthus polylepsis</i> Bien. ex Boiss. (Caryophyllaceae), an endemic species in the Irano-Turanian region. <i>PLoS ONE</i> , 2020 , 15, e0237527	3.7	7
442	Evaluating the capacity of species distribution modeling to predict the geographic distribution of the mangrove community in Mexico. <i>PLoS ONE</i> , 2020 , 15, e0237701	3.7	4
441	What is the shape of the fundamental Grinnellian niche?. <i>Theoretical Ecology</i> , 2020 , 13, 105-115	1.6	10
440	Spatio-temporal climate change contributes to latitudinal diversity gradients. <i>Nature Ecology and Evolution</i> , 2019 , 3, 1419-1429	12.3	32
439	A checklist for maximizing reproducibility of ecological niche models. <i>Nature Ecology and Evolution</i> , 2019 , 3, 1382-1395	12.3	56
438	Deep Learning Algorithms Improve Automated Identification of Chagas Disease Vectors. <i>Journal of Medical Entomology</i> , 2019 , 56, 1404-1410	2.2	19
437	Genetics of adaptation in modern chicken. <i>PLoS Genetics</i> , 2019 , 15, e1007989	6	41
436	Ultraconserved elements resolve genus-level relationships in a major Australasian bird radiation (Aves: Meliphagidae). <i>Emu</i> , 2019 , 119, 218-232	1.1	12
435	Non-random latitudinal gradients in range size and niche breadth predicted by spatial patterns of climate. <i>Global Ecology and Biogeography</i> , 2019 , 28, 928-942	6.1	22
434	Earth history and the passerine superradiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7916-7925	11.5	121

433	An evaluation of transferability of ecological niche models. <i>Ecography</i> , 2019 , 42, 521-534	6.5	41
432	Completeness of digital accessible knowledge of the birds of western Africa: Priorities for survey. <i>Condor</i> , 2019 , 121,	2.1	2
431	An exhaustive analysis of heuristic methods for variable selection in ecological niche modeling and species distribution modeling. <i>Ecological Informatics</i> , 2019 , 53, 100983	4.2	32
430	kuenm: an R package for detailed development of ecological niche models using Maxent. <i>PeerJ</i> , 2019 , 7, e6281	3.1	185
429	Effects of climate change on the distributional potential of three range-restricted West African bird species. <i>Condor</i> , 2019 , 121,	2.1	6
428	A dynamic continental moisture gradient drove Amazonian bird diversification. <i>Science Advances</i> , 2019 , 5, eaat5752	14.3	54
427	Predicted impacts of global climate change on the geographic distribution of an invaluable African medicinal plant resource, <i>Alstonia boonei</i> De Wild. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2019 , 14, 100206	2.6	0
426	The NIH public access policy did not harm biomedical journals. <i>PLoS Biology</i> , 2019 , 17, e3000352	9.7	2
425	Vegetation, floristic composition and structure of a tropical montane forest in Cameroon. <i>Bothalia</i> , 2019 , 49,	1.2	4
424	Current and potential future distributions of Hass avocados in the face of climate change across the Americas. <i>Crop and Pasture Science</i> , 2019 , 70, 694	2.2	10
423	Predicting Abundances of <i>Aedes mcintoshi</i> , a primary Rift Valley fever virus mosquito vector. <i>PLoS ONE</i> , 2019 , 14, e0226617	3.7	0
422	Modeling endangered mammal species distributions and forest connectivity across the humid Upper Guinea lowland rainforest of West Africa. <i>Biodiversity and Conservation</i> , 2019 , 28, 671-685	3.4	12
421	Open access solutions for biodiversity journals: Do not replace one problem with another. <i>Diversity and Distributions</i> , 2019 , 25, 5-8	5	10
420	Current and Future Distribution of the Lone Star Tick, <i>Amblyomma americanum</i> (L.) (Acari: Ixodidae) in North America. <i>PLoS ONE</i> , 2019 , 14, e0209082	3.7	77
419	Getting the Ploceidae tree right. <i>Molecular Phylogenetics and Evolution</i> , 2019 , 131, 228	4.1	1
418	Estimation of cultivable areas for <i>Irvingia gabonensis</i> and <i>I. wombolu</i> (Irvingiaceae) in Dahomey-Gap (West Africa). <i>Agroforestry Systems</i> , 2019 , 93, 937-946	2	6
417	Recognition of a new generic-level swallow taxon from central Africa. <i>Journal of Avian Biology</i> , 2018 , 49, e01698	1.9	0
416	Ecological niche modeling re-examined: A case study with the Darwin's fox. <i>Ecology and Evolution</i> , 2018 , 8, 4757-4770	2.8	29

415	Compatible ecological niche signals between biological and archaeological datasets for late-surviving Neandertals. <i>American Journal of Physical Anthropology</i> , 2018 , 166, 968-974	2.5	1
414	Utility and limitations of climate-matching approaches in detecting different types of spatial errors in biodiversity data. <i>Insect Conservation and Diversity</i> , 2018 , 11, 407-414	3.8	5
413	Essential biodiversity variables are not global. <i>Biodiversity and Conservation</i> , 2018 , 27, 1277-1288	3.4	18
412	Reconstructing Ecological Niche Evolution When Niches Are Incompletely Characterized. <i>Systematic Biology</i> , 2018 , 67, 428-438	8.4	22
411	Species distribution models for Peruvian plantcutter improve with consideration of biotic interactions. <i>Journal of Avian Biology</i> , 2018 , 49, jav-01617	1.9	29
410	Potential geography and productivity of HassAvocado crops in Colombia estimated by ecological niche modeling. <i>Scientia Horticulturae</i> , 2018 , 237, 287-295	4.1	26
409	Assumption-versus data-based approaches to summarizing species' ranges. <i>Conservation Biology</i> , 2018 , 32, 568-575	6	34
408	Summary results of the 2014-2015 DARPA Chikungunya challenge. <i>BMC Infectious Diseases</i> , 2018 , 18, 245	4	23
407	Distributional ecology of Andes hantavirus: a macroecological approach. <i>International Journal of Health Geographics</i> , 2018 , 17, 22	3.5	12
406	Endemicy and climatic niche differentiation in three marine ciliated protists. <i>Limnology and Oceanography</i> , 2018 , 63, 2727-2736	4.8	4
405	Outstanding Challenges in the Transferability of Ecological Models. <i>Trends in Ecology and Evolution</i> , 2018 , 33, 790-802	10.9	213
404	Major challenges for correlational ecological niche model projections to future climate conditions. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1429, 66-77	6.5	55
403	Importance of biotic predictors in estimation of potential invasive areas: the example of the tortoise beetle , in Hispaniola. <i>PeerJ</i> , 2018 , 6, e6052	3.1	10
402	Data Leakage and Loss in Biodiversity Informatics. <i>Biodiversity Data Journal</i> , 2018 , e26826	1.8	16
401	Integrating morphology, phylogeography, and ecological niche modeling to explore population differentiation in North African Common Chaffinches. <i>Journal of Ornithology</i> , 2017 , 158, 1-13	1.5	11
400	Spatio-temporal dynamic of suitable areas for species conservation in West Africa: eight economically important wild palms under present and future climates. <i>Agroforestry Systems</i> , 2017 , 91, 527-540	2	14
399	How open access is crucial to the future of science. <i>Journal of Wildlife Management</i> , 2017 , 81, 564-566	1.9	4
398	Reconstructing the geographic origin of the New World jays. <i>Neotropical Biodiversity</i> , 2017 , 3, 80-92	0.7	5

397	Problems with reductive, polygon-based methods for estimating species' ranges: reply to Pimm et al. 2017. <i>Conservation Biology</i> , 2017 , 31, 948-951	6	5
396	Reexamining <i>Phylloscopus trochiloides</i> complex as a ring species: a refugial counter-hypothesis. <i>Journal of Avian Biology</i> , 2017 , 48, 1608-1613	1.9	5
395	Planning for conservation and restoration under climate and land use change in the Brazilian Atlantic Forest. <i>Diversity and Distributions</i> , 2017 , 23, 955-966	5	49
394	Do consensus models outperform individual models? Transferability evaluations of diverse modeling approaches for an invasive moth. <i>Biological Invasions</i> , 2017 , 19, 2519-2532	2.7	41
393	Ecological niche model comparison under different climate scenarios: a case study of <i>Olea</i> spp. in Asia. <i>Ecosphere</i> , 2017 , 8, e01825	3.1	34
392	Using data from related species to overcome spatial sampling bias and associated limitations in ecological niche modelling. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 1804-1812	7.7	25
391	Mexican land birds reveal complexity in fine-scale patterns of endemism. <i>Journal of Biogeography</i> , 2017 , 44, 1836-1846	4.1	12
390	Phylogenetic relationships of weaverbirds (Aves: Ploceidae): A first robust phylogeny based on mitochondrial and nuclear markers. <i>Molecular Phylogenetics and Evolution</i> , 2017 , 109, 21-32	4.1	11
389	Potential distribution of mosquito vector species in a primary malaria endemic region of Colombia. <i>PLoS ONE</i> , 2017 , 12, e0179093	3.7	14
388	Climate change influences on the potential geographic distribution of the disease vector tick <i>Ixodes ricinus</i> . <i>PLoS ONE</i> , 2017 , 12, e0189092	3.7	76
387	SEMINARIOS EN LÍNEA SOBRE ANÁLISIS ESPACIALES CON ÉNFASIS EN MODELOS DE NICHO ECOLÓGICO. <i>Biodiversity Informatics</i> , 2017 , 12,	2.9	3
386	Testing environmental correlates of clines in clades: an example from cassidine beetles. <i>Insect Conservation and Diversity</i> , 2017 , 10, 472-482	3.8	1
385	Predictable invasion dynamics in North American populations of the Eurasian collared dove. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	12
384	The Geographic Distribution of <i>Ixodes scapularis</i> (Acari: Ixodidae) Revisited: The Importance of Assumptions About Error Balance. <i>Journal of Medical Entomology</i> , 2017 , 54, 1080-1084	2.2	11
383	Accessible areas in ecological niche comparisons of invasive species: Recognized but still overlooked. <i>Scientific Reports</i> , 2017 , 7, 1213	4.9	35
382	Influences of climate change on the potential distribution of <i>Lutzomyia longipalpis</i> sensu lato (Psychodidae: Phlebotominae). <i>International Journal for Parasitology</i> , 2017 , 47, 667-674	4.3	25
381	Identification of potential areas for wild palm cultivation in the Republic of Benin through remote sensing and ecological niche modeling. <i>Genetic Resources and Crop Evolution</i> , 2017 , 64, 1383-1393	2	13
380	Ecological and historical views of the diversification of <i>Geositta</i> miners (Aves: Furnariidae: Sclerurinae). <i>Journal of Ornithology</i> , 2017 , 158, 15-23	1.5	7

379	The Leading Edge of the Geographic Distribution of <i>Ixodes scapularis</i> (Acari: Ixodidae). <i>Journal of Medical Entomology</i> , 2017 , 54, 1103	2.2	9
378	Assessing Monkeypox Virus Prevalence in Small Mammals at the Human-Animal Interface in the Democratic Republic of the Congo. <i>Viruses</i> , 2017 , 9,	6.2	36
377	Phylogeography of Rift Valley Fever Virus in Africa and the Arabian Peninsula. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005226	4.8	21
376	<i>Schistosoma japonicum</i> transmission risk maps at present and under climate change in mainland China. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006021	4.8	19
375	Endemism and geographic distribution of African Thismiaceae. <i>Plant Ecology and Evolution</i> , 2017 , 150, 304-312	1.6	2
374	Automated identification of insect vectors of Chagas disease in Brazil and Mexico: the Virtual Vector Lab. <i>PeerJ</i> , 2017 , 5, e3040	3.1	16
373	Impacts of Niche Breadth and Dispersal Ability on Macroevolutionary Patterns. <i>American Naturalist</i> , 2016 , 188, 149-62	3.7	25
372	Geographic potential of disease caused by Ebola and Marburg viruses in Africa. <i>Acta Tropica</i> , 2016 , 162, 114-124	3.2	17
371	Forecasting Chikungunya spread in the Americas via data-driven empirical approaches. <i>Parasites and Vectors</i> , 2016 , 9, 112	4	14
370	Subsidizing truly open access. <i>Science</i> , 2016 , 352, 1405	33.3	4
369	Mapping current and future potential snakebite risk in the new world. <i>Climatic Change</i> , 2016 , 134, 697-711	4.5	37
368	Zika Virus, Elevation, and Transmission Risk. <i>PLOS Currents</i> , 2016 , 8,		12
367	Climate Change Influences on the Global Potential Distribution of Bluetongue Virus. <i>PLoS ONE</i> , 2016 , 11, e0150489	3.7	32
366	Climate Change Influences on the Global Potential Distribution of the Mosquito <i>Culex quinquefasciatus</i> , Vector of West Nile Virus and Lymphatic Filariasis. <i>PLoS ONE</i> , 2016 , 11, e0163863	3.7	83
365	The development of ornithology in Mexico and the importance of access to scientific information. <i>Archives of Natural History</i> , 2016 , 43, 294-304	0.1	10
364	Digital Accessible Knowledge and well-inventoried sites for birds in Mexico: baseline sites for measuring faunistic change. <i>PeerJ</i> , 2016 , 4, e2362	3.1	8
363	Mapping the global geographic potential of Zika virus spread. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016 , 111, 559-60	2.6	54
362	Coarse-resolution Ecology of Etiological Agent, Vector, and Reservoirs of Zoonotic Cutaneous Leishmaniasis in Libya. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004381	4.8	18

361	Bird conservation and biodiversity research in Mexico: status and priorities. <i>Journal of Field Ornithology</i> , 2016 , 87, 121-132	0.9	11
360	Pleistocene diversification and speciation of White-throated Thrush (<i>Turdus assimilis</i> ; Aves: Turdidae). <i>Journal of Ornithology</i> , 2016 , 157, 1073-1085	1.5	7
359	NicheA: creating virtual species and ecological niches in multivariate environmental scenarios. <i>Ecography</i> , 2016 , 39, 805-813	6.5	104
358	Niche-based projections of wetlands shifts with marine intrusion from sea level rise: an example analysis for North Carolina. <i>Environmental Earth Sciences</i> , 2015 , 73, 1479-1490	2.9	8
357	Mapping risk of Nipah virus transmission across Asia and across Bangladesh. <i>Asia-Pacific Journal of Public Health</i> , 2015 , 27, NP824-32	2	8
356	Biodiversity governance: a Tower of Babel of scales and cultures. <i>PLoS Biology</i> , 2015 , 13, e1002108	9.7	13
355	Good and bad news about Ebola. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003509	4.8	4
354	No silver bullets in correlative ecological niche modelling: insights from testing among many potential algorithms for niche estimation. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 1126-1136	7.7	216
353	Twentieth century turnover of Mexican endemic avifaunas: Landscape change versus climate drivers. <i>Science Advances</i> , 2015 , 1, e1400071	14.3	26
352	Effects of Climate History and Environmental Grain on Species Distributions in Africa and South America. <i>Biotropica</i> , 2015 , 47, 292-299	2.3	4
351	A global perspective on decadal challenges and priorities in biodiversity informatics. <i>BMC Ecology</i> , 2015 , 15, 15	2.7	24
350	Ecological niche and geographic distribution of the Chagas disease vector, <i>Triatoma dimidiata</i> (Reduviidae: Triatominae): Evidence for niche differentiation among cryptic species. <i>Infection, Genetics and Evolution</i> , 2015 , 36, 15-22	4.5	24
349	Niche similarities among white-eared opossums (Mammalia, Didelphidae): Is ecological niche modelling relevant to setting species limits?. <i>Zoologica Scripta</i> , 2015 , 44, 1-10	2.5	25
348	Rethinking phylogeographic structure and historical refugia in the rufous-capped babbler <i>Cyanoderma ruficeps</i> in light of range-wide genetic sampling and paleodistributional reconstructions. <i>Environmental Epigenetics</i> , 2015 , 61, 901-909	2.4	5
347	Global potential distribution of the mosquito <i>Aedes notoscriptus</i> , a new alien species in the United States. <i>Journal of Vector Ecology</i> , 2015 , 40, 191-4	1.5	12
346	Bat-borne rabies in Latin America. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2015 , 57, 63-72.2		35
345	MERS-CoV geography and ecology in the Middle East: analyses of reported camel exposures and a preliminary risk map. <i>BMC Research Notes</i> , 2015 , 8, 801	2.3	23
344	Ecological approaches in veterinary epidemiology: mapping the risk of bat-borne rabies using vegetation indices and night-time light satellite imagery. <i>Veterinary Research</i> , 2015 , 46, 92	3.8	15

343	Ecological niches and present and historical geographic distributions of species: a 15-year review of frameworks, results, pitfalls, and promises. <i>Folia Zoologica</i> , 2015 , 64, 207-217	1.3	8
342	Climatic niche and flowering and fruiting phenology of an epiphytic plant. <i>AoB PLANTS</i> , 2015 , 7,	2.9	4
341	Atlas of Mexican Triatominae (Reduviidae: Hemiptera) and vector transmission of Chagas disease. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015 , 110, 339-52	2.6	82
340	Trans-Amazon dispersal potential for <i>Crotalus durissus</i> during Pleistocene climate events. <i>Biota Neotropica</i> , 2015 , 15,		3
339	The Importance of Biodiversity E-infrastructures for Megadiverse Countries. <i>PLoS Biology</i> , 2015 , 13, e1002204	9.7	34
338	Open Access and the Author-Pays Problem: Assuring Access for Readers and Authors in the Global Academic Community. <i>Journal of Librarianship and Scholarly Communication</i> , 2015 , 1, 1064	0.6	16
337	Bottlenecks in the Open-Access System: Voices from Around the Globe. <i>Journal of Librarianship and Scholarly Communication</i> , 2015 , 2, 1126	0.6	6
336	Mechanistic and Correlative Models of Ecological Niches. <i>European Journal of Ecology</i> , 2015 , 1, 28-38	1.8	78
335	Avifaunal Surveys of the Upper Apurhac River Valley, Ayacucho and Cuzco Departments, Peru: New Distributional Records and Biogeographic, Taxonomic, and Conservation Implications. <i>Wilson Journal of Ornithology</i> , 2015 , 127, 563	0.4	7
334	Climate change influences on global distributions of dengue and chikungunya virus vectors. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370,	5.8	209
333	Completeness of digital accessible knowledge of the plants of Brazil and priorities for survey and inventory. <i>Diversity and Distributions</i> , 2014 , 20, 369-381	5	86
332	Type specimens in modern ornithology are necessary and irreplaceable. <i>Auk</i> , 2014 , 131, 282-286	2.1	4
331	Range-wide ecological niche comparisons of parasite, hosts and dispersers in a vector-borne plant parasite system. <i>Journal of Biogeography</i> , 2014 , 41, 1664-1673	4.1	16
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11	The Fallacy of Averages. <i>American Naturalist</i> , 1988 , 132, 277-288	3.7	81
10	Use of datasets derived from time-series AVHRR imagery as surrogates for land cover maps in predicting species' distributions		9
9	Biodiversity Informatics Training Curriculum, version 1.2. <i>Biodiversity Informatics</i> , 11,	2.9	2
8	Completeness of Digital Accessible Knowledge of the Plants of Ghana. <i>Biodiversity Informatics</i> , 11,	2.9	11
7	Botanical Sampling Gaps Across the Cameroon Mountains. <i>Biodiversity Informatics</i> , 12,	2.9	4
6	A comment on 'Species are not most abundant in the centre of their geographic range or climatic niche' <i>Rethinking Ecology</i> , 3, 13-18	0	11
5	Geographic potential of the world's largest hornet, <i>Vespa mandarinia</i> Smith (Hymenoptera: Vespidae), worldwide and particularly in North America		1
4	A comment on 'Species are not most abundant in the centre of their geographic range or climatic niche'		4
3	Assessment and representation of variability in ecological niche model predictions		3
2	Impact of public sentiments on the transmission of COVID-19 across a geographical gradient		1

1	Replacing parachute science with global science in ecology and conservation biology. <i>Conservation Science and Practice</i> , e517	2.2	6
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