

# Huijie Qiao

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,592  
citations

430754

18  
h-index

330025

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2445  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.2	303
2	Sampling biases shape our view of the natural world. <i>Ecography</i> , 2021, 44, 1259-1269.	2.1	190
3	NicheA: creating virtual species and ecological niches in multivariate environmental scenarios. <i>Ecography</i> , 2016, 39, 805-813.	2.1	145
4	An evaluation of transferability of ecological niche models. <i>Ecography</i> , 2019, 42, 521-534.	2.1	97
5	Niche breadth and geographic range size as determinants of species survival on geological time scales. <i>Global Ecology and Biogeography</i> , 2015, 24, 1159-1169.	2.7	96
6	A global map of suitability for coastal <i>Vibrio cholerae</i> under current and future climate conditions. <i>Acta Tropica</i> , 2015, 149, 202-211.	0.9	87
7	Spatio-temporal climate change contributes to latitudinal diversity gradients. <i>Nature Ecology and Evolution</i> , 2019, 3, 1419-1429.	3.4	67
8	Accessible areas in ecological niche comparisons of invasive species: Recognized but still overlooked. <i>Scientific Reports</i> , 2017, 7, 1213.	1.6	50
9	Ecological niche modeling re-examined: A case study with the Darwin's fox. <i>Ecology and Evolution</i> , 2018, 8, 4757-4770.	0.8	50
10	Summary results of the 2014-2015 DARPA Chikungunya challenge. <i>BMC Infectious Diseases</i> , 2018, 18, 245.	1.3	43
11	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.	2.2	40
12	Impacts of Niche Breadth and Dispersal Ability on Macroevolutionary Patterns. <i>American Naturalist</i> , 2016, 188, 149-162.	1.0	39
13	Extinction intensity during Ordovician and Cenozoic glaciations explained by cooling and palaeogeography. <i>Nature Geoscience</i> , 2020, 13, 65-70.	5.4	39
14	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.	2.7	34
15	Effectively and accurately mapping global biodiversity patterns for different regions and taxa. <i>Global Ecology and Biogeography</i> , 2021, 30, 1375-1388.	2.7	32
16	Realized niche shift associated with the Eurasian charophyte <i>Nitellopsis obtusa</i> becoming invasive in North America. <i>Scientific Reports</i> , 2016, 6, 29037.	1.6	29
17	A cautionary note on the use of hypervolume kernel density estimators in ecological niche modelling. <i>Global Ecology and Biogeography</i> , 2017, 26, 1066-1070.	2.7	27
18	A multi-faceted comparative perspective on elevational beta-diversity: the patterns and their causes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210343.	1.2	21

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19	Niche divergence accelerates evolution in Asian endemic <i>Procapra</i> gazelles. <i>Scientific Reports</i> , 2015, 5, 10069.	1.6	20
20	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.	1.1	20
21	Vegetation responses to the warming at the Younger Dryas-Holocene transition in the Hengduan Mountains, southwestern China. <i>Quaternary Science Reviews</i> , 2018, 192, 236-248.	1.4	20
22	Marble Algorithm: a solution to estimating ecological niches from presence-only records. <i>Scientific Reports</i> , 2015, 5, 14232.	1.6	16
23	Forecasting Chikungunya spread in the Americas via data-driven empirical approaches. <i>Parasites and Vectors</i> , 2016, 9, 112.	1.0	16
24	Zika Virus, Elevation, and Transmission Risk. <i>PLOS Currents</i> , 2016, 8, .	1.4	14
25	Formal nomenclature and description of cryptic species of the <i>Encyrtus sasakii</i> complex (Hymenoptera: Encyrtidae). <i>Scientific Reports</i> , 2016, 6, 34372.	1.6	13
26	Doubling demands in programming skills call for ecoinformatics education. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 123-124.	1.9	13
27	Extinction Targets Are Not SMART (Specific, Measurable, Ambitious, Realistic, and Time Bound). <i>BioScience</i> , 2021, 71, 115-118.	2.2	12
28	Network connectivity of Minnesota waterbodies and implications for aquatic invasive species prevention. <i>Biological Invasions</i> , 2021, 23, 3231-3242.	1.2	11
29	Past climate cooling promoted global dispersal of amphipods from Tian Shan montane lakes to circumboreal lakes. <i>Global Change Biology</i> , 2022, 28, 3830-3845.	4.2	10
30	Phylogenetic relatedness, functional traits, and spatial scale determine herbivore co-occurrence in a subtropical forest. <i>Ecological Monographs</i> , 2022, 92, e01492.	2.4	8
31	mMWeb - An Online Platform for Employing Multiple Ecological Niche Modeling Algorithms. <i>PLoS ONE</i> , 2012, 7, e43327.	1.1	6
32	Using the KDE method to model ecological niches: A response to Blonder et al. (2017). <i>Global Ecology and Biogeography</i> , 2017, 26, 1076-1077.	2.7	6
33	Novel Methods in Disease Biogeography: A Case Study with Heterosporosis. <i>Frontiers in Veterinary Science</i> , 2017, 4, 105.	0.9	5
34	The NIH public access policy did not harm biomedical journals. <i>PLoS Biology</i> , 2019, 17, e3000352.	2.6	4
35	Accounting for dispersal using simulated data improves understanding of species abundance patterns. <i>Global Ecology and Biogeography</i> , 2022, 31, 200-214.	2.7	4
36	Prospects and challenges coexist in China's new protected area system. <i>Biodiversity and Conservation</i> , 2022, 31, 315-319.	1.2	3

#	ARTICLE	IF	CITATIONS
37	Matters needing attention about invoking ecological niche model in epidemiology. <i>Biodiversity Science</i> , 2020, 28, 579-586.	0.2	1
38	Ecological Niche Shifts Affect the Potential Invasive Risk of <i>Rapistrum rugosum</i> (L.) All. in China. <i>Frontiers in Plant Science</i> , 2022, 13, 827497.	1.7	1