Xiao Feng

List of Publications by Year
in descending order

26 papers	1,867 citations	516710 16 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	3162 citing authors

#	Article	IF	Citations
1	A standard protocol for reporting species distribution models. Ecography, 2020, 43, 1261-1277.	4.5	397
2	Collinearity in ecological niche modeling: Confusions and challenges. Ecology and Evolution, 2019, 9, 10365-10376.	1.9	204
3	The commonness of rarity: Global and future distribution of rarity across land plants. Science Advances, 2019, 5, eaaz0414.	10.3	194
4	Areas of global importance for conserving terrestrial biodiversity, carbon and water. Nature Ecology and Evolution, 2021, 5, 1499-1509.	7.8	147
5	Open Science principles for accelerating trait-based science across the Tree of Life. Nature Ecology and Evolution, 2020, 4, 294-303.	7.8	144
6	A checklist for maximizing reproducibility of ecological niche models. Nature Ecology and Evolution, 2019, 3, 1382-1395.	7.8	134
7	An evaluation of transferability of ecological niche models. Ecography, 2019, 42, 521-534.	4.5	97
8	30% land conservation and climate action reduces tropical extinction risk by more than 50%. Ecography, 2020, 43, 943-953.	4.5	94
9	Underappreciated plant vulnerabilities to heat waves. New Phytologist, 2021, 231, 32-39.	7.3	91
10	How deregulation, drought and increasing fire impact Amazonian biodiversity. Nature, 2021, 597, 516-521.	27.8	65
11	Darwin's naturalization conundrum can be explained by spatial scale. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10904-10910.	7.1	58
12	Leaf size of woody dicots predicts ecosystem primary productivity. Ecology Letters, 2020, 23, 1003-1013.	6.4	41
13	A review of the heterogeneous landscape of biodiversity databases: Opportunities and challenges for a synthesized biodiversity knowledge base. Global Ecology and Biogeography, 2022, 31, 1242-1260.	5.8	29
14	Ecological niche modelling confirms potential north‐east range expansion of the nine‐banded armadillo (<i>Dasypus novemcinctus</i>) in the <scp>USA</scp>. Journal of Biogeography, 2015, 42, 803-807.	3.0	28
15	Elevated extinction risk of cacti under climate change. Nature Plants, 2022, 8, 366-372.	9.3	28
16	Physiological limits in an ecological niche modeling framework: A case study of water temperature and salinity constraints of freshwater bivalves invasive in USA. Ecological Modelling, 2017, 346, 48-57.	2.5	17
17	Patterns and ecological determinants of woody plant height in eastern Eurasia and its relation to primary productivity. Journal of Plant Ecology, 2019, 12, 791-803.	2.3	15
18	Physiology in ecological niche modeling: using zebra mussel's upper thermal tolerance to refine model predictions through Bayesian analysis. Ecography, 2020, 43, 270-282.	4.5	12

#	Article	IF	Citations
19	Can incomplete knowledge of species' physiology facilitate ecological niche modelling? A case study with virtual species. Diversity and Distributions, 2017, 23, 1157-1168.	4.1	11
20	Species residency status affects model selection and hypothesis testing in freshwater community ecology. Freshwater Biology, 2016, 61, 1568-1579.	2.4	8
21	Can land use indicate wetland floristic quality and taxonomic distinctness?. Ecological Indicators, 2017, 78, 331-339.	6.3	8
22	Rainfall pulses mediate long‐term plant community compositional dynamics in a semi‐arid rangeland. Journal of Applied Ecology, 2021, 58, 708-717.	4.0	8
23	Climatic Similarity of Extant and Extinct Dasypus Armadillos. Journal of Mammalian Evolution, 2017, 24, 193-206.	1.8	6
24	Accounting for dispersal using simulated data improves understanding of species abundance patterns. Global Ecology and Biogeography, 2022, 31, 200-214.	5.8	4
25	Hiding in a Cool Climatic Niche in the Tropics? An Assessment of the Ecological Biogeography of Hairy Long-Nosed Armadillos (*Dasypus pilosus*). Tropical Conservation Science, 2017, 10, 194008291769724.	1.2	3
26	Armadillo Mapper. Tropical Conservation Science, 2017, 10, 194008291772413.	1.2	1