

Xavier A Harrison

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

4,688
citations

277466

22
h-index

237509

43
g-index

67
all docs

67
docs citations

67
times ranked

8732
citing authors

#	ARTICLE	IF	CITATIONS
1	Architectural traditions in the structures built by cooperative weaver birds. <i>Science</i> , 2024, 385, 1004-1009.	19.8	0
2	Precautionary Principle or Evidence-Based Conservation? Assessing the Information Content of Threat Data for the Yangtze Finless Porpoise. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	6
3	Changes in Behaviour and Proxies of Physiology Suggest Individual Variation in the Building of Migratory Phenotypes in Preparation for Long-Distance Flights. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.3	4
4	Challenging a hostâ€‘pathogen paradigm: Susceptibility to chytridiomycosis is decoupled from genetic erosion. <i>Journal of Evolutionary Biology</i> , 2022, 35, 589-598.	1.6	1
5	Microbiome function predicts amphibian chytridiomycosis disease dynamics. <i>Microbiome</i> , 2022, 10, 44.	11.5	15
6	Seasonal variation in impact of nonâ€‘native species on tropical seed dispersal networks. <i>Functional Ecology</i> , 2022, 36, 2713-2726.	3.6	8
7	Postâ€‘epizootic microbiome associations across communities of neotropical amphibians. <i>Molecular Ecology</i> , 2021, 30, 1322-1335.	3.6	6
8	Analysing detection gaps in acoustic telemetry data to infer differential movement patterns in fish. <i>Ecology and Evolution</i> , 2021, 11, 2717-2730.	1.9	14
9	Where the wild things were: intrinsic and extrinsic extinction predictors in the world's most depleted mammal fauna. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202905.	2.8	4
10	A brief introduction to the analysis of time-series data from biologgging studies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200227.	4.1	10
11	Fungal microbiomes are determined by host phylogeny and exhibit widespread associations with the bacterial microbiome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210552.	2.8	15
12	Altruistic bet-hedging and the evolution of cooperation in a Kalahari bird. <i>Science Advances</i> , 2021, 7, eabe8980.	10.8	19
13	Social environment drives sex and ageâ€‘specific variation in <i>Drosophila melanogaster</i> microbiome composition and predicted function. <i>Molecular Ecology</i> , 2021, 30, 5831-5843.	3.6	7
14	Longitudinal evidence that older parents produce offspring with longer telomeres in a wild social bird. <i>Biology Letters</i> , 2021, 17, 20210409.	2.4	7
15	Spatiotemporal heterogeneity decouples infection parameters of amphibian chytridiomycosis. <i>Journal of Animal Ecology</i> , 2020, 89, 1109-1121.	2.9	10
16	Analytical approaches for microbiome research. , 2020, , 8-28.		3
17	Factors that shape the host microbiome. , 2020, , 55-77.		6
18	Host microbiomes and disease. , 2020, , 122-153.		1

#	ARTICLE	IF	CITATIONS
19	Adapting to environmental change. , 2020, , 154-181.		2
20	Microbial biotechnology. , 2020, , 182-221.		2
21	Synthesis and future directions. , 2020, , 222-226.		0
22	Conservation decisions under pressure: Lessons from an exercise in rapid response to wildlife disease. Conservation Science and Practice, 2020, 2, e141.	2.0	11
23	Amphibian ranaviruses in Europe: important directions for future research. Facets, 2020, 5, 598-614.	2.3	5
24	Captivity and Infection by the Fungal Pathogen Batrachochytrium salamandrivorans Perturb the Amphibian Skin Microbiome. Frontiers in Microbiology, 2019, 10, 1834.	3.5	41
25	Outbreaks of an Emerging Viral Disease Covary With Differences in the Composition of the Skin Microbiome of a Wild United Kingdom Amphibian. Frontiers in Microbiology, 2019, 10, 1245.	3.5	29
26	Diversity-Stability Dynamics of the Amphibian Skin Microbiome and Susceptibility to a Lethal Viral Pathogen. Frontiers in Microbiology, 2019, 10, 2883.	3.5	56
27	Designing Probiotic Therapies With Broad-Spectrum Activity Against a Wildlife Pathogen. Frontiers in Microbiology, 2019, 10, 3134.	3.5	17
28	Determining threatened species distributions in the face of limited data: Spatial conservation prioritization for the Chinese giant salamander (<i>Andrias davidianus</i>). Ecology and Evolution, 2018, 8, 3098-3108.	1.9	23
29	Amphibian chytridiomycosis outbreak dynamics are linked with host skin bacterial community structure. Nature Communications, 2018, 9, 693.	13.0	132
30	Probiotic consortia are not uniformly effective against different amphibian chytrid pathogen isolates. Molecular Ecology, 2018, 27, 577-589.	3.6	52
31	A brief introduction to mixed effects modelling and multi-model inference in ecology. PeerJ, 2018, 6, e4794.	2.0	1,407
32	Identifying the determinants of tree distributions along a large ephemeral river. Ecosphere, 2018, 9, e02223.	2.2	5
33	Genetic variability and ontogeny predict microbiome structure in a disease-challenged montane amphibian. ISME Journal, 2018, 12, 2506-2517.	9.9	50
34	Fifty important research questions in microbial ecology. FEMS Microbiology Ecology, 2017, 93, .	2.8	144
35	Using Omics and Integrated Multi-Omics Approaches to Guide Probiotic Selection to Mitigate Chytridiomycosis and Other Emerging Infectious Diseases. Frontiers in Microbiology, 2016, 7, 68.	3.5	137
36	Widespread dieback of riparian trees on a dammed ephemeral river and evidence of local mitigation by tributary flows. PeerJ, 2016, 4, e2622.	2.0	12

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37	Amphibian Symbiotic Bacteria Do Not Show a Universal Ability To Inhibit Growth of the Global Panzootic Lineage of <i>Batrachochytrium dendrobatidis</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 3706-3711.	3.2	61
38	A comparison of observation-level random effect and Beta-Binomial models for modelling overdispersion in Binomial data in ecology & evolution. <i>PeerJ</i> , 2015, 3, e1114.	2.0	309
39	Population genetic structure and direct observations reveal sex-reversed patterns of dispersal in a cooperative bird. <i>Molecular Ecology</i> , 2014, 23, 5740-5755.	3.6	27
40	Using observation-level random effects to model overdispersion in count data in ecology and evolution. <i>PeerJ</i> , 2014, 2, e616.	2.0	854
41	Multiple post-mating barriers to hybridization in field crickets. <i>Molecular Ecology</i> , 2013, 22, 1640-1649.	3.6	46
42	Complete reproductive skew within white-browed sparrow weaver groups despite outbreeding opportunities for subordinates of both sexes. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1915-1929.	1.4	27
43	Environmental Conditions during Breeding Modify the Strength of Mass-Dependent Carry-Over Effects in a Migratory Bird. <i>PLoS ONE</i> , 2013, 8, e77783.	2.5	37
44	Performance of Proximity Loggers in Recording Intra- and Inter-Species Interactions: A Laboratory and Field-Based Validation Study. <i>PLoS ONE</i> , 2012, 7, e39068.	2.5	64
45	Carry-over effects as drivers of fitness differences in animals. <i>Journal of Animal Ecology</i> , 2011, 80, 4-18.	2.9	686
46	Heterozygosity-fitness correlations in a migratory bird: an analysis of inbreeding and single-locus effects. <i>Molecular Ecology</i> , 2011, 20, 4786-4795.	3.6	38
47	Isolation, characterisation and predicted genome locations of Light-bellied Brent goose (<i>Branta</i>) Tj ETQq1 1 0.784314 rgBT /Qverlock	0.8	4
48	Cultural inheritance drives site fidelity and migratory connectivity in a long-distance migrant. <i>Molecular Ecology</i> , 2010, 19, 5484-5496.	3.6	52
49	Carry-over effects reveal reproductive costs in a long-distance migrant. <i>Journal of Animal Ecology</i> , 2010, 79, 974-982.	2.9	106
50	Perils and pitfalls of mixed-effects regression models in biology. <i>PeerJ</i> , 0, 8, e9522.	2.0	58
51	Cold water and harmful algal blooms linked to coral reef collapse in the Eastern Tropical Pacific. <i>PeerJ</i> , 0, 10, e14081.	2.0	2
52	Amphibian diversity across three adjacent ecosystems in Área de Conservación Guanacaste, Costa Rica. <i>PeerJ</i> , 0, 11, e16185.	2.0	0
53	Temperature and land use change are associated with <i>Rana temporaria</i> reproductive success and phenology. <i>PeerJ</i> , 0, 12, e17901.	2.0	0
54	Probing the functional significance of wild animal microbiomes using omics data. <i>Functional Ecology</i> , 0, , .	3.6	0