

# Kate E Jones

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

20,988  
citations

41344

49  
h-index

38395

95  
g-index

115  
all docs

115  
docs citations

115  
times ranked

24584  
citing authors

#	ARTICLE	IF	CITATIONS
1	MAMMALS IN PORTUGAL : A data set of terrestrial, volant, and marine mammal occurrences in Portugal. <i>Ecology</i> , 2022, , e3654.	3.2	1
2	Spatiotemporal forecasting for dengue, chikungunya fever and Zika using machine learning and artificial expert committees based on meta-heuristics. <i>Research on Biomedical Engineering</i> , 2022, 38, 499-537.	2.2	2
3	Joint spatiotemporal modelling reveals seasonally dynamic patterns of Japanese encephalitis vector abundance across India. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010218.	3.0	1
4	Species-specific responses to land-use change in island insectivorous bats. <i>Journal for Nature Conservation</i> , 2022, 67, 126177.	1.8	9
5	Targeting Conservation Actions at Species Threat Response Thresholds. <i>Trends in Ecology and Evolution</i> , 2021, 36, 216-226.	8.7	7
6	Observer retention, site selection and population dynamics interact to bias abundance trends in bats. <i>Journal of Applied Ecology</i> , 2021, 58, 236-247.	4.0	9
7	COVIDâ€Clarify demands unification of health and environmental policy. <i>Global Change Biology</i> , 2021, 27, 1319-1321.	9.5	9
8	The species awareness index as a conservation culturomics metric for public biodiversity awareness. <i>Conservation Biology</i> , 2021, 35, 472-482.	4.7	14
9	Benefit of woodland and other natural environments for adolescentsâ€™ cognition and mental health. <i>Nature Sustainability</i> , 2021, 4, 851-858.	23.7	40
10	Post <sc>COVIDâ€19</sc>: a solution scan of options for preventing future zoonotic epidemics. <i>Biological Reviews</i> , 2021, 96, 2694-2715.	10.4	40
11	A review exploring the overarching burden of Zika virus with emphasis on epidemiological case studies from Brazil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55952-55966.	5.3	9
12	Forecasting Dengue, Chikungunya and Zika cases in Recife, Brazil: a spatio-temporal approach based on climate conditions, health notifications and machine learning. <i>Research, Society and Development</i> , 2021, 10, e452101220804.	0.1	3
13	Geographical drivers and climate-linked dynamics of Lassa fever in Nigeria. <i>Nature Communications</i> , 2021, 12, 5759.	12.8	30
14	80 questions for UK biological security. <i>PLoS ONE</i> , 2021, 16, e0241190.	2.5	8
15	Shazam for bats: Internet of Things for continuous realâ€time biodiversity monitoring. <i>IET Smart Cities</i> , 2021, 3, 171-183.	3.1	12
16	Georgina Mace (1953â€2020). <i>Science</i> , 2020, 370, 915-915.	12.6	0
17	Ecosystem perspectives are needed to manage zoonotic risks in a changing climate. <i>BMJ, The</i> , 2020, 371, m3389.	6.0	55
18	Accounting for natural capital has cross-cutting relevance for UK public sector decision-making. <i>Ecosystem Services</i> , 2020, 44, 101127.	5.4	7

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19	Zoonotic host diversity increases in human-dominated ecosystems. <i>Nature</i> , 2020, 584, 398-402.	27.8	475
20	The Relative Role of Climate Variation and Control Interventions on Malaria Elimination Efforts in El Oro, Ecuador: A Modeling Study. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	9
21	Interactions Between a Large Marine Protected Area, Pelagic Tuna and Associated Fisheries. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	19
22	Impacts of environmental and socio-economic factors on emergence and epidemic potential of Ebola in Africa. <i>Nature Communications</i> , 2019, 10, 4531.	12.8	63
23	Malaria eradication within a generation: ambitious, achievable, and necessary. <i>Lancet</i> , The, 2019, 394, 1056-1112.	13.7	240
24	The effect of global change on mosquito-borne disease. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e302-e312.	9.1	282
25	Spatial and taxonomic biases in bat records: Drivers and conservation implications in a megadiverse country. <i>Ecology and Evolution</i> , 2019, 9, 14130-14141.	1.9	5
26	Mapping synergies and trade-offs between urban ecosystems and the sustainable development goals. <i>Environmental Science and Policy</i> , 2019, 93, 181-188.	4.9	98
27	CityNetâ€”Deep learning tools for urban ecoacoustic assessment. <i>Methods in Ecology and Evolution</i> , 2019, 10, 186-197.	5.2	39
28	Emerging opportunities and challenges for passive acoustics in ecological assessment and monitoring. <i>Methods in Ecology and Evolution</i> , 2019, 10, 169-185.	5.2	302
29	Bat echolocation call identification for biodiversity monitoring: a probabilistic approach. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2018, 67, 165-183.	1.0	11
30	Forecasting the combined effects of climate and land use change on Mexican bats. <i>Diversity and Distributions</i> , 2018, 24, 363-374.	4.1	38
31	Ben Collen (1978â€”2018). <i>Nature Ecology and Evolution</i> , 2018, 2, 1199-1200.	7.8	0
32	Bat detectiveâ€”Deep learning tools for bat acoustic signal detection. <i>PLoS Computational Biology</i> , 2018, 14, e1005995.	3.2	128
33	Integrative modelling for One Health: pattern, process and participation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160164.	4.0	43
34	Spatial, seasonal and climatic predictive models of Rift Valley fever disease across Africa. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160165.	4.0	46
35	Understanding the cryptic nature of Lassa fever in West Africa. <i>Pathogens and Global Health</i> , 2017, 111, 276-288.	2.3	67
36	Biases of acoustic indices measuring biodiversity in urban areas. <i>Ecological Indicators</i> , 2017, 83, 169-177.	6.3	107

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37	Temporal niche expansion in mammals from a nocturnal ancestor after dinosaur extinction. <i>Nature Ecology and Evolution</i> , 2017, 1, 1889-1895.	7.8	82
38	Engaging research with policy and action: what are the challenges of responding to zoonotic disease in Africa?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160172.	4.0	32
39	The Global Distribution and Drivers of Alien Bird Species Richness. <i>PLoS Biology</i> , 2017, 15, e2000942.	5.6	126
40	Evaluating Bayesian spatial methods for modelling species distributions with clumped and restricted occurrence data. <i>PLoS ONE</i> , 2017, 12, e0187602.	2.5	36
41	Environmentalâ€mechanistic modelling of the impact of global change on human zoonotic disease emergence: a case study of Lassa fever. <i>Methods in Ecology and Evolution</i> , 2016, 7, 646-655.	5.2	60
42	A global analysis of the determinants of alien geographical range size in birds. <i>Global Ecology and Biogeography</i> , 2016, 25, 1346-1355.	5.8	43
43	Quantifying Global Drivers of Zoonotic Bat Viruses: A Process-Based Perspective. <i>American Naturalist</i> , 2016, 187, E53-E64.	2.1	56
44	Acoustic identification of Mexican bats based on taxonomic and ecological constraints on call design. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1082-1091.	5.2	51
45	A generalised random encounter model for estimating animal density with remote sensor data. <i>Methods in Ecology and Evolution</i> , 2015, 6, 500-509.	5.2	42
46	Putting the Scientist in the Loop -- Accelerating Scientific Progress with Interactive Machine Learning. , 2014, , .		11
47	Colony size predicts division of labour in attine ants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141411.	2.6	69
48	Challenges of Using Bioacoustics to Globally Monitor Bats. , 2013, , 479-499.		35
49	Quantifying Trends in Disease Impact to Produce a Consistent and Reproducible Definition of an Emerging Infectious Disease. <i>PLoS ONE</i> , 2013, 8, e69951.	2.5	19
50	What is macroecology?. <i>Biology Letters</i> , 2012, 8, 904-906.	2.3	47
51	A continentalâ€scale tool for acoustic identification of <sc>E</sc>uropean bats. <i>Journal of Applied Ecology</i> , 2012, 49, 1064-1074.	4.0	144
52	A framework for the study of zoonotic disease emergence and its drivers: spillover of bat pathogens as a case study. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2881-2892.	4.0	156
53	Identifying Cinderella species: uncovering mammals with conservation flagship appeal. <i>Conservation Letters</i> , 2012, 5, 205-212.	5.7	133
54	Can unified theories of biodiversity explain mammalian macroecological patterns?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2554-2563.	4.0	7

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55	Ecology and evolution of mammalian biodiversity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2451-2461.	4.0	61
56	Entertainment Value: Should the Media Pay for Nature Conservation?. <i>Science</i> , 2011, 334, 1351-1352.	12.6	14
57	Impacts of biodiversity on the emergence and transmission of infectious diseases. <i>Nature</i> , 2010, 468, 647-652.	27.8	1,481
58	Understanding the evolutionary origin and diversification of bat echolocation calls. <i>Handbook of Behavioral Neuroscience</i> , 2010, , 37-47.	0.7	11
59	PanTHERIA: a species-level database of life history, ecology, and geography of extant and recently extinct mammals. <i>Ecology</i> , 2009, 90, 2648-2648.	3.2	1,322
60	Biodiversity Conservation and the Millennium Development Goals. <i>Science</i> , 2009, 325, 1502-1503.	12.6	216
61	Forecasting decline in ecosystem services under realistic scenarios of extinction. , 2009, , 60-77.		15
62	Global trends in emerging infectious diseases. <i>Nature</i> , 2008, 451, 990-993.	27.8	5,859
63	Phylogenetic trees and the future of mammalian biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11556-11563.	7.1	131
64	The predictability of extinction: biological and external correlates of decline in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1441-1448.	2.6	321
65	The Fast-Slow Continuum in Mammalian Life History: An Empirical Reevaluation. <i>American Naturalist</i> , 2007, 169, 748-757.	2.1	343
66	The delayed rise of present-day mammals. <i>Nature</i> , 2007, 446, 507-512.	27.8	1,832
67	Grenyer et al. reply. <i>Nature</i> , 2007, 450, E20-E20.	27.8	3
68	Parasite species richness in carnivores: effects of host body mass, latitude, geographical range and population density. <i>Global Ecology and Biogeography</i> , 2007, 16, 496-509.	5.8	178
69	Environmental predictors of global parrot (Aves: Psittaciformes) species richness and phylogenetic diversity. <i>Global Ecology and Biogeography</i> , 2007, 16, 220-233.	5.8	48
70	Infectious Diseases and Extinction Risk in Wild Mammals. <i>Conservation Biology</i> , 2007, 21, 1269-1279.	4.7	258
71	Sexual size dimorphism in mammals. , 2007, , 16-26.		152
72	Mating system and brain size in bats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 719-724.	2.6	151

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73	Global distribution and conservation of rare and threatened vertebrates. <i>Nature</i> , 2006, 444, 93-96.	27.8	462
74	BATS, CLOCKS, AND ROCKS: DIVERSIFICATION PATTERNS IN CHIROPTERA. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2243-2255.	2.3	135
75	Multiple Causes of High Extinction Risk in Large Mammal Species. <i>Science</i> , 2005, 309, 1239-1241.	12.6	1,035
76	Correlates of Species Richness in Mammals: Body Size, Life History, and Ecology. <i>American Naturalist</i> , 2005, 165, 600-607.	2.1	89
77	BATS, CLOCKS, AND ROCKS: DIVERSIFICATION PATTERNS IN CHIROPTERA. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2243.	2.3	5
78	Bats, clocks, and rocks: diversification patterns in Chiroptera. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2243-55.	2.3	42
79	Supertrees. <i>Computational Biology</i> , 2004, , 439-460.	0.2	17
80	Influences on the transport and establishment of exotic bird species: an analysis of the parrots (Psittaciformes) of the world. <i>Global Change Biology</i> , 2004, 10, 417-426.	9.5	125
81	Mistakes in the analysis of exotic species establishment: source pool designation and correlates of introduction success among parrots (Aves: Psittaciformes) of the world. <i>Journal of Biogeography</i> , 2004, 31, 277-284.	3.0	61
82	The influence of spatial resolution on macroecological patterns of range size variation: a case study using parrots (Aves: Psittaciformes) of the world. <i>Journal of Biogeography</i> , 2004, 31, 285-293.	3.0	31
83	Affording Larger Brains: Testing Hypotheses of Mammalian Brain Evolution on Bats. <i>American Naturalist</i> , 2004, 164, E20-E31.	2.1	74
84	Parasites and the Evolutionary Diversification of Primate Clades. <i>American Naturalist</i> , 2004, 164, S90-S103.	2.1	102
85	Similarity of Mammalian Body Size across the Taxonomic Hierarchy and across Space and Time. <i>American Naturalist</i> , 2004, 163, 672-691.	2.1	173
86	Garbage in, Garbage out. <i>Computational Biology</i> , 2004, , 267-280.	0.2	63
87	BODY MASS OF LATE QUATERNARY MAMMALS. <i>Ecology</i> , 2003, 84, 3403-3403.	3.2	393
88	Comparative Tests of Parasite Species Richness in Primates. <i>American Naturalist</i> , 2003, 162, 597-614.	2.1	315
89	Biological Correlates of Extinction Risk in Bats. <i>American Naturalist</i> , 2003, 161, 601-614.	2.1	305
90	Social Organization and Parasite Risk in Mammals: Integrating Theory and Empirical Studies. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2003, 34, 517-547.	8.3	625

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91	Supertrees Are a Necessary Not-So-Evil: A Comment on Gatesy et al.. Systematic Biology, 2003, 52, 724-729.	5.6	34
92	The Functions of Laryngeal Air Sacs in Primates: A New Hypothesis. Folia Primatologica, 2002, 73, 70-94.	0.7	120
93	A phylogenetic supertree of the bats (Mammalia: Chiroptera). Biological Reviews, 2002, 77, 223-259.	10.4	322
94	Short-term impacts of extreme environmental disturbance on the bats of Puerto Rico. Animal Conservation, 2001, 4, 59-66.	2.9	56
95	Is the bat os penis sexually selected?. Behavioral Ecology and Sociobiology, 2001, 50, 450-460.	1.4	34
96	Age and area revisited: identifying global patterns and implications for conservation. , 2001, , 141-165.		23
97	Extinction. BioEssays, 2000, 22, 1123-1133.	2.5	156
98	Primate life histories. Evolutionary Anthropology, 1998, 6, 54-63.	3.4	109
99	An optimum body size for mammals? Comparative evidence from bats. Functional Ecology, 1997, 11, 751-756.	3.6	138
100	Distribution and population densities of seven species of bat in northern England. Journal of Zoology, 1996, 240, 788-798.	1.7	12