Kate E Jones

List of Publications by Year
in descending order

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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	Global trends in emerging infectious diseases. Nature, 2008, 451, 990-993.	27.8	5,859
2	The delayed rise of present-day mammals. Nature, 2007, 446, 507-512.	27.8	1,832
3	Impacts of biodiversity on the emergence and transmission of infectious diseases. Nature, 2010, 468, 647-652.	27.8	1,481
4	PanTHERIA: a speciesâ€level database of life history, ecology, and geography of extant and recently extinct mammals. Ecology, 2009, 90, 2648-2648.	3.2	1,322
5	Multiple Causes of High Extinction Risk in Large Mammal Species. Science, 2005, 309, 1239-1241.	12.6	1,035
6	Social Organization and Parasite Risk in Mammals: Integrating Theory and Empirical Studies. Annual Review of Ecology, Evolution, and Systematics, 2003, 34, 517-547.	8.3	625
7	Zoonotic host diversity increases in human-dominated ecosystems. Nature, 2020, 584, 398-402.	27.8	475
8	Global distribution and conservation of rare and threatened vertebrates. Nature, 2006, 444, 93-96.	27.8	462
9	BODY MASS OF LATE QUATERNARY MAMMALS. Ecology, 2003, 84, 3403-3403.	3.2	393
10	The Fastâ€Slow Continuum in Mammalian Life History: An Empirical Reevaluation. American Naturalist, 2007, 169, 748-757.	2.1	343
11	A phylogenetic supertree of the bats (Mammalia: Chiroptera). Biological Reviews, 2002, 77, 223-259.	10.4	322
12	The predictability of extinction: biological and external correlates of decline in mammals. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1441-1448.	2.6	321
13	Comparative Tests of Parasite Species Richness in Primates. American Naturalist, 2003, 162, 597-614.	2.1	315
14	Biological Correlates of Extinction Risk in Bats. American Naturalist, 2003, 161, 601-614.	2.1	305
15	Emerging opportunities and challenges for passive acoustics in ecological assessment and monitoring. Methods in Ecology and Evolution, 2019, 10, 169-185.	5.2	302
16	The effect of global change on mosquito-borne disease. Lancet Infectious Diseases, The, 2019, 19, e302-e312.	9.1	282
17	Infectious Diseases and Extinction Risk in Wild Mammals. Conservation Biology, 2007, 21, 1269-1279.	4.7	258
18	Malaria eradication within a generation: ambitious, achievable, and necessary. Lancet, The, 2019, 394, 1056-1112.	13.7	240

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19	Biodiversity Conservation and the Millennium Development Goals. Science, 2009, 325, 1502-1503.	12.6	216
20	Parasite species richness in carnivores: effects of host body mass, latitude, geographical range and population density. Global Ecology and Biogeography, 2007, 16, 496-509.	5.8	178
21	Similarity of Mammalian Body Size across the Taxonomic Hierarchy and across Space and Time. American Naturalist, 2004, 163, 672-691.	2.1	173
22	Extinction. BioEssays, 2000, 22, 1123-1133.	2.5	156
23	A framework for the study of zoonotic disease emergence and its drivers: spillover of bat pathogens as a case study. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2881-2892.	4.0	156
24	Sexual size dimorphism in mammals. , 2007, , 16-26.		152
25	Mating system and brain size in bats. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 719-724.	2.6	151
26	A continentalâ€scale tool for acoustic identification of <scp>E</scp>uropean bats. Journal of Applied Ecology, 2012, 49, 1064-1074.	4.0	144
27	An optimum body size for mammals? Comparative evidence from bats. Functional Ecology, 1997, 11, 751-756.	3.6	138
28	BATS, CLOCKS, AND ROCKS: DIVERSIFICATION PATTERNS IN CHIROPTERA. Evolution; International Journal of Organic Evolution, 2005, 59, 2243-2255.	2.3	135
29	Identifying Cinderella species: uncovering mammals with conservation flagship appeal. Conservation Letters, 2012, 5, 205-212.	5.7	133
30	Phylogenetic trees and the future of mammalian biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11556-11563.	7.1	131
31	Bat detectiveâ€”Deep learning tools for bat acoustic signal detection. PLoS Computational Biology, 2018, 14, e1005995.	3.2	128
32	The Global Distribution and Drivers of Alien Bird Species Richness. PLoS Biology, 2017, 15, e2000942.	5.6	126
33	Influences on the transport and establishment of exotic bird species: an analysis of the parrots (Psittaciformes) of the world. Global Change Biology, 2004, 10, 417-426.	9.5	125
34	The Functions of Laryngeal Air Sacs in Primates: A New Hypothesis. Folia Primatologica, 2002, 73, 70-94.	0.7	120
35	Primate life histories. Evolutionary Anthropology, 1998, 6, 54-63.	3.4	109
36	Biases of acoustic indices measuring biodiversity in urban areas. Ecological Indicators, 2017, 83, 169-177.	6.3	107

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37	Parasites and the Evolutionary Diversification of Primate Clades. American Naturalist, 2004, 164, S90-S103.	2.1	102
38	Mapping synergies and trade-offs between urban ecosystems and the sustainable development goals. Environmental Science and Policy, 2019, 93, 181-188.	4.9	98
39	Correlates of Species Richness in Mammals: Body Size, Life History, and Ecology. American Naturalist, 2005, 165, 600-607.	2.1	89
40	Temporal niche expansion in mammals from a nocturnal ancestor after dinosaur extinction. Nature Ecology and Evolution, 2017, 1, 1889-1895.	7.8	82
41	Affording Larger Brains: Testing Hypotheses of Mammalian Brain Evolution on Bats. American Naturalist, 2004, 164, E20-E31.	2.1	74
42	Colony size predicts division of labour in attine ants. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141411.	2.6	69
43	Understanding the cryptic nature of Lassa fever in West Africa. Pathogens and Global Health, 2017, 111, 276-288.	2.3	67
44	Impacts of environmental and socio-economic factors on emergence and epidemic potential of Ebola in Africa. Nature Communications, 2019, 10, 4531.	12.8	63
45	Garbage in, Garbage out. Computational Biology, 2004, , 267-280.	0.2	63
46	Mistakes in the analysis of exotic species establishment: source pool designation and correlates of introduction success among parrots (Aves: Psittaciformes) of the world. Journal of Biogeography, 2004, 31, 277-284.	3.0	61
47	Ecology and evolution of mammalian biodiversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2451-2461.	4.0	61
48	Environmentalâ€mechanistic modelling of the impact of global change on human zoonotic disease emergence: a case study of Lassa fever. Methods in Ecology and Evolution, 2016, 7, 646-655.	5.2	60
49	Short-term impacts of extreme environmental disturbance on the bats of Puerto Rico. Animal Conservation, 2001, 4, 59-66.	2.9	56
50	Quantifying Global Drivers of Zoonotic Bat Viruses: A Process-Based Perspective. American Naturalist, 2016, 187, E53-E64.	2.1	56
51	Ecosystem perspectives are needed to manage zoonotic risks in a changing climate. BMJ, The, 2020, 371, m3389.	6.0	55
52	Acoustic identification of Mexican bats based on taxonomic and ecological constraints on call design. Methods in Ecology and Evolution, 2016, 7, 1082-1091.	5.2	51
53	Environmental predictors of global parrot (Aves: Psittaciformes) species richness and phylogenetic diversity. Global Ecology and Biogeography, 2007, 16, 220-233.	5.8	48
54	What is macroecology?. Biology Letters, 2012, 8, 904-906.	2.3	47

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55	Spatial, seasonal and climatic predictive models of Rift Valley fever disease across Africa. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160165.	4.0	46
56	A global analysis of the determinants of alien geographical range size in birds. Global Ecology and Biogeography, 2016, 25, 1346-1355.	5.8	43
57	Integrative modelling for One Health: pattern, process and participation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160164.	4.0	43
58	A generalised random encounter model for estimating animal density with remote sensor data. Methods in Ecology and Evolution, 2015, 6, 500-509.	5.2	42
59	Bats, clocks, and rocks: diversification patterns in Chiroptera. Evolution; International Journal of Organic Evolution, 2005, 59, 2243-55.	2.3	42
60	Benefit of woodland and other natural environments for adolescentsâ€™ cognition and mental health. Nature Sustainability, 2021, 4, 851-858.	23.7	40
61	Post ‹scp›COVIDâ€19‹/scp›: a solution scan of options for preventing future zoonotic epidemics. Biological Reviews, 2021, 96, 2694-2715.	10.4	40
62	CityNetâ€”Deep learning tools for urban ecoacoustic assessment. Methods in Ecology and Evolution, 2019, 10, 186-197.	5.2	39
63	Forecasting the combined effects of climate and land use change on Mexican bats. Diversity and Distributions, 2018, 24, 363-374.	4.1	38
64	Evaluating Bayesian spatial methods for modelling species distributions with clumped and restricted occurrence data. PLoS ONE, 2017, 12, e0187602.	2.5	36
65	Challenges of Using Bioacoustics to Globally Monitor Bats. , 2013, , 479-499.		35
66	Is the bat os penis sexually selected?. Behavioral Ecology and Sociobiology, 2001, 50, 450-460.	1.4	34
67	Supertrees Are a Necessary Not-So-Evil: A Comment on Gatesy et al.. Systematic Biology, 2003, 52, 724-729.	5.6	34
68	Engaging research with policy and action: what are the challenges of responding to zoonotic disease in Africa?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160172.	4.0	32
69	The influence of spatial resolution on macroecological patterns of range size variation: a case study using parrots (Aves: Psittaciformes) of the world. Journal of Biogeography, 2004, 31, 285-293.	3.0	31
70	Geographical drivers and climate-linked dynamics of Lassa fever in Nigeria. Nature Communications, 2021, 12, 5759.	12.8	30
71	Age and area revisited: identifying global patterns and implications for conservation. , 2001, , 141-165.		23
72	Quantifying Trends in Disease Impact to Produce a Consistent and Reproducible Definition of an Emerging Infectious Disease. PLoS ONE, 2013, 8, e69951.	2.5	19

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73	Interactions Between a Large Marine Protected Area, Pelagic Tuna and Associated Fisheries. Frontiers in Marine Science, 2020, 7, .	2.5	19
74	Supertrees. Computational Biology, 2004, , 439-460.	0.2	17
75	Forecasting decline in ecosystem services under realistic scenarios of extinction. , 2009, , 60-77.		15
76	Entertainment Value: Should the Media Pay for Nature Conservation?. Science, 2011, 334, 1351-1352.	12.6	14
77	The species awareness index as a conservation culturomics metric for public biodiversity awareness. Conservation Biology, 2021, 35, 472-482.	4.7	14
78	Distribution and population densities of seven species of bat in northern England. Journal of Zoology, 1996, 240, 788-798.	1.7	12
79	Shazam for bats: Internet of Things for continuous realâ€time biodiversity monitoring. IET Smart Cities, 2021, 3, 171-183.	3.1	12
80	Understanding the evolutionary origin and diversification of bat echolocation calls. Handbook of Behavioral Neuroscience, 2010, , 37-47.	0.7	11
81	Putting the Scientist in the Loop -- Accelerating Scientific Progress with Interactive Machine Learning. , 2014, , .		11
82	Bat echolocation call identification for biodiversity monitoring: a probabilistic approach. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 165-183.	1.0	11
83	The Relative Role of Climate Variation and Control Interventions on Malaria Elimination Efforts in El Oro, Ecuador: A Modeling Study. Frontiers in Environmental Science, 2020, 8, .	3.3	9
84	Observer retention, site selection and population dynamics interact to bias abundance trends in bats. Journal of Applied Ecology, 2021, 58, 236-247.	4.0	9
85	COVIDâ€Clarity demands unification of health and environmental policy. Global Change Biology, 2021, 27, 1319-1321.	9.5	9
86	A review exploring the overarching burden of Zika virus with emphasis on epidemiological case studies from Brazil. Environmental Science and Pollution Research, 2021, 28, 55952-55966.	5.3	9
87	Species-specific responses to land-use change in island insectivorous bats. Journal for Nature Conservation, 2022, 67, 126177.	1.8	9
88	80 questions for UK biological security. PLoS ONE, 2021, 16, e0241190.	2.5	8
89	Can unified theories of biodiversity explain mammalian macroecological patterns?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2554-2563.	4.0	7
90	Accounting for natural capital has cross-cutting relevance for UK public sector decision-making. Ecosystem Services, 2020, 44, 101127.	5.4	7

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91	Targeting Conservation Actions at Species Threat Response Thresholds. Trends in Ecology and Evolution, 2021, 36, 216-226.	8.7	7
92	BATS, CLOCKS, AND ROCKS: DIVERSIFICATION PATTERNS IN CHIROPTERA. Evolution; International Journal of Organic Evolution, 2005, 59, 2243.	2.3	5
93	Spatial and taxonomic biases in bat records: Drivers and conservation implications in a megadiverse country. Ecology and Evolution, 2019, 9, 14130-14141.	1.9	5
94	Grenyer et al. reply. Nature, 2007, 450, E20-E20.	27.8	3
95	Forecasting Dengue, Chikungunya and Zika cases in Recife, Brazil: a spatio-temporal approach based on climate conditions, health notifications and machine learning. Research, Society and Development, 2021, 10, e452101220804.	0.1	3
96	Spatiotemporal forecasting for dengue, chikungunya fever and Zika using machine learning and artificial expert committees based on meta-heuristics. Research on Biomedical Engineering, 2022, 38, 499-537.	2.2	2
97	MAMMALS IN PORTUGAL : A data set of terrestrial, volant, and marine mammal occurrences in Portugal. Ecology, 2022, , e3654.	3.2	1
98	Joint spatiotemporal modelling reveals seasonally dynamic patterns of Japanese encephalitis vector abundance across India. PLoS Neglected Tropical Diseases, 2022, 16, e0010218.	3.0	1
99	Ben Collen (1978â€“2018). Nature Ecology and Evolution, 2018, 2, 1199-1200.	7.8	0
100	Georgina Mace (1953â€“2020). Science, 2020, 370, 915-915.	12.6	0