

Andrew C Kitchener

List of Publications by Year in descending order

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119
papers

3,734
citations

126907

33
h-index

149698

56
g-index

122
all docs

122
docs citations

122
times ranked

4236
citing authors

#	ARTICLE	IF	CITATIONS
1	The Near Eastern Origin of Cat Domestication. <i>Science</i> , 2007, 317, 519-523.	12.6	414
2	Genetic diversity and introgression in the Scottish wildcat. <i>Molecular Ecology</i> , 2001, 10, 319-336.	3.9	298
3	The effects of captivity on the morphology of captive, domesticated and feral mammals. <i>Mammal Review</i> , 2005, 35, 215-230.	4.8	187
4	Reconstructing Mammalian Phylogenies: A Detailed Comparison of the Cytochrome b and Cytochrome Oxidase Subunit I Mitochondrial Genes. <i>PLoS ONE</i> , 2010, 5, e14156.	2.5	152
5	An analysis of the forces of fighting of the blackbuck (<i>Antelope cervicapra</i>) and the bighorn sheep (<i>Ovis canadensis</i>) and the mechanical design of the horn of bovids. <i>Journal of Zoology</i> , 1988, 214, 1-20.	1.7	104
6	The Taming of the Cat. <i>Scientific American</i> , 2009, 300, 68-75.	1.0	98
7	Spatial and temporal analysis of second-generation anticoagulant rodenticide residues in polecats (<i>Mustela putorius</i>) from throughout their range in Britain, 1992–1999. <i>Environmental Pollution</i> , 2003, 122, 183-193.	7.5	80
8	A diagnosis for the Scottish wildcat (<i>Felis silvestris</i>): a tool for conservation action for a critically-endangered felid. <i>Animal Conservation</i> , 2005, 8, 223-237.	2.9	72
9	Remarkable ancient divergences amongst neglected loriform primates. <i>Zoological Journal of the Linnean Society</i> , 2015, 175, 661-674.	2.3	71
10	A fossil protein chimera; difficulties in discriminating dinosaur peptide sequences from modern cross-contamination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170544.	2.6	70
11	Geographical Variation in the Clouded Leopard, <i>Neofelis nebulosa</i> , Reveals Two Species. <i>Current Biology</i> , 2006, 16, 2377-2383.	3.9	66
12	The effect of behaviour and body weight on the mechanical design of horns. <i>Journal of Zoology</i> , 1985, 205, 191-203.	1.7	64
13	Applying genomic data in wildlife monitoring: Development guidelines for genotyping degraded samples with reduced single nucleotide polymorphism panels. <i>Molecular Ecology Resources</i> , 2020, 20, 662-680.	4.8	64
14	Composite theory and the effect of water on the stiffness of horn keratin. <i>Journal of Materials Science</i> , 1987, 22, 1385-1389.	3.7	63
15	Planning tiger recovery: Understanding intraspecific variation for effective conservation. <i>Science Advances</i> , 2015, 1, e1400175.	10.3	63
16	Morphological and pelage characteristics of wild living cats in Scotland: implications for defining the 'wildcat'. <i>Journal of Zoology</i> , 1998, 244, 231-247.	1.7	59
17	Evidence of the three main clonal <i>Toxoplasma gondii</i> lineages from wild mammalian carnivores in the UK. <i>Parasitology</i> , 2013, 140, 1768-1776.	1.5	59
18	Biogeographical change in the tiger, <i>Panthera tigris</i> . <i>Animal Conservation</i> , 2000, 3, 113-124.	2.9	56

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19	An Archaeological and Historical Review of the Relationships between Felids and People. <i>Anthrozoos</i> , 2009, 22, 221-238.	1.4	54
20	Morphological and pelage characteristics of wild living cats in Scotland: implications for defining the "wildcat"™. <i>Journal of Zoology</i> , 1998, 244, 231-247.	1.7	53
21	Fracture toughness of horns and a reinterpretation of the horning behaviour of bovids. <i>Journal of Zoology</i> , 1987, 213, 621-639.	1.7	52
22	Craniological differentiation between European wildcats (<i>Felis silvestris silvestris</i>), African wildcats (<i>F. s. lybica</i>) and Asian wildcats (<i>F. s. ornata</i>): implications for their evolution and conservation. <i>Biological Journal of the Linnean Society</i> , 2004, 83, 47-63.	1.6	48
23	TAXONOMIC STATUS AND GEOGRAPHICAL CRANIAL VARIATION OF COMMON DOLPHINS (<i>DELPHINUS</i>) IN THE EASTERN NORTH ATLANTIC. <i>Marine Mammal Science</i> , 2006, 22, 573-599.	1.8	47
24	Geographical variation in and evolutionary history of the Sunda clouded leopard (<i>Neofelis diardi</i>) (Mammalia: Carnivora: Felidae) with the description of a new subspecies from Borneo. <i>Molecular Phylogenetics and Evolution</i> , 2011, 58, 317-328.	2.7	46
25	Distinguishing the victim from the threat: SNP-based methods reveal the extent of introgressive hybridization between wildcats and domestic cats in Scotland and inform future in situ and ex situ management options for species restoration. <i>Evolutionary Applications</i> , 2019, 12, 399-414.	3.1	46
26	Mitochondrial DNA and palaeontological evidence for the origins of endangered European mink, <i>Mustela lutreola</i> . <i>Animal Conservation</i> , 2000, 3, 345-355.	2.9	45
27	Taxonomic issues in bears: impacts on conservation in zoos and the wild, and gaps in current knowledge. <i>International Zoo Yearbook</i> , 2010, 44, 33-46.	0.9	44
28	Variation in cranial form and sexual dimorphism among five European populations of the otter <i>Lutra lutra</i> . <i>Journal of Zoology</i> , 1996, 238, 81-96.	1.7	40
29	Finite element modelling versus classic beam theory: comparing methods for stress estimation in a morphologically diverse sample of vertebrate long bones. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20120823.	3.4	39
30	The scaling of postcranial muscles in cats (Felidae) I: forelimb, cervical, and thoracic muscles. <i>Journal of Anatomy</i> , 2016, 229, 128-141.	1.5	38
31	The Taming of the cat. Genetic and archaeological findings hint that wildcats became housecats earlier—and in a different place—than previously thought. <i>Scientific American</i> , 2009, 300, 68-75.	1.0	38
32	Second-generation rodenticides and polecats (<i>Mustela putorius</i>) in Britain. <i>Environmental Pollution</i> , 1996, 91, 279-282.	7.5	37
33	The use of reference strand-mediated conformational analysis for the study of cheetah (<i>Acinonyx</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	37
34	Preserved collagen reveals species identity in archaeological marine turtle bones from Caribbean and Florida sites. <i>Royal Society Open Science</i> , 2019, 6, 191137.	2.4	34
35	Survival of the Irish elk into the Holocene. <i>Nature</i> , 2000, 405, 753-754.	27.8	31
36	The development and validation of a single SNaPshot multiplex for tiger species and subspecies identification—Implications for forensic purposes. <i>Forensic Science International: Genetics</i> , 2012, 6, 250-257.	3.1	31

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37	Predicted Pleistocene–Holocene range shifts of the tiger (<i>Panthera tigris</i>). Diversity and Distributions, 2016, 22, 1199-1211.	4.1	31
38	Range-wide patterns of human-mediated hybridisation in European wildcats. Conservation Genetics, 2020, 21, 247-260.	1.5	31
39	Splitting or Lumping? A Conservation Dilemma Exemplified by the Critically Endangered Dama Gazelle (<i>Nanger dama</i>). PLoS ONE, 2014, 9, e98693.	2.5	30
40	Grey whale (<i>Eschrichtius robustus</i>) in Norwegian waters 2000 years ago. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 495, 42-47.	2.3	30
41	Detection of <i>Neospora caninum</i> in wild carnivores in Great Britain. Veterinary Parasitology, 2013, 192, 279-283.	1.8	28
42	Long-term increase in secondary exposure to anticoagulant rodenticides in European polecats <i>Mustela putorius</i> in Great Britain. Environmental Pollution, 2018, 236, 689-698.	7.5	28
43	Oldest Known Pantherine Skull and Evolution of the Tiger. PLoS ONE, 2011, 6, e25483.	2.5	27
44	Cytochrome b or cytochrome c oxidase subunit I for mammalian species identification—An answer to the debate. Forensic Science International: Genetics Supplement Series, 2009, 2, 306-307.	0.3	26
45	Effect of water on the linear viscoelasticity of horn sheath keratin. Journal of Materials Science Letters, 1987, 6, 321-322.	0.5	25
46	Inferring extinction from biological records: Were we too quick to write off Miss Waldron's Red Colobus Monkey (<i>Ptilocolobus badius waldronae</i>)?. Biological Conservation, 2006, 128, 285-287.	4.1	25
47	The genetic legacy of the 19th-century decline of the British polecat: evidence for extensive introgression from feral ferrets. Molecular Ecology, 2013, 22, 5130-5147.	3.9	25
48	On the external appearance of the dodo, <i>Raphus cucullatus</i> (L, 1758). Archives of Natural History, 1993, 20, 279-301.	0.3	24
49	Brain size of the lion (<i>Panthera leo</i>) and the tiger (<i>P. tigris</i>): implications for intrageneric phylogeny, intraspecific differences and the effects of captivity. Biological Journal of the Linnean Society, 2009, 98, 85-93.	1.6	23
50	The scaling of postcranial muscles in cats (Felidae): hindlimb and lumbosacral muscles. Journal of Anatomy, 2016, 229, 142-152.	1.5	22
51	Craniological differentiation amongst wild-living cats in Britain and southern Africa: natural variation or the effects of hybridisation?. Animal Conservation, 2004, 7, 339-351.	2.9	21
52	Detecting the elusive Scottish wildcat (<i>Felis silvestris silvestris</i>) using camera trapping. Oryx, 2015, 49, 207-215.	1.0	21
53	Sexual size dimorphism in musteloids: An anomalous allometric pattern is explained by feeding ecology. Ecology and Evolution, 2016, 6, 8495-8501.	1.9	21
54	Modelling the dynamic biogeography of the wildcat: implications for taxonomy and conservation. Journal of Zoology, 2009, 279, 144-155.	1.7	20

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55	African and Asian leopards are highly differentiated at the genomic level. <i>Current Biology</i> , 2021, 31, 1872-1882.e5.	3.9	20
56	Changes in the skull morphology of the Arctic wolf, <i>Canis lupus arctos</i> , during the twentieth century. <i>Journal of Zoology</i> , 1994, 233, 19-36.	1.7	19
57	Mapping the spatial configuration of hybridization risk for an endangered population of the European wildcat (<i>Felis silvestris silvestris</i>) in Scotland. <i>Mammal Research</i> , 2016, 61, 1-11.	1.3	19
58	The Role of Cross-Sectional Geometry, Curvature, and Limb Posture in Maintaining Equal Safety Factors: A Computed Tomography Study. <i>Anatomical Record</i> , 2013, 296, 395-413.	1.4	18
59	Two species of Southeast Asian cats in the genus <i>Catopuma</i> with diverging histories: an island endemic forest specialist and a widespread habitat generalist. <i>Royal Society Open Science</i> , 2016, 3, 160350.	2.4	17
60	Rensching cats and dogs: feeding ecology and fecundity trends explain variation in the allometry of sexual size dimorphism. <i>Royal Society Open Science</i> , 2017, 4, 170453.	2.4	17
61	Synchronous diversification of Sulawesi's iconic artiodactyls driven by recent geological events. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172566.	2.6	17
62	On the use of genome-wide data to model and date the time of anthropogenic hybridisation: An example from the Scottish wildcat. <i>Molecular Ecology</i> , 2021, 30, 3688-3702.	3.9	17
63	Gross intestinal morphometry and allometry in primates. <i>American Journal of Primatology</i> , 2019, 81, e23035.	1.7	16
64	What Is a Tiger? <i>Biogeography, Morphology, and Taxonomy.</i> , 2010, , 53-84.		15
65	Towards resolving taxonomic uncertainties in wolf, dog and jackal lineages of Africa, Eurasia and Australasia. <i>Journal of Zoology</i> , 2022, 316, 155-168.	1.7	15
66	Rediscovery of the Scottish polecat, <i>Mustela putorius</i> : Survival or reintroduction?. <i>Biological Conservation</i> , 2006, 128, 574-575.	4.1	13
67	Multi-individual microsatellite identification: A multiple genome approach to microsatellite design (MiMi). <i>Molecular Ecology Resources</i> , 2019, 19, 1672-1680.	4.8	13
68	Threatened but understudied: supporting conservation by understanding the genetic structure of the flat-headed cat. <i>Conservation Genetics</i> , 2017, 18, 1423-1433.	1.5	12
69	Testing hypotheses for the function of the carnivoran baculum using finite-element analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181473.	2.6	12
70	Rapid evolution of the primate larynx?. <i>PLoS Biology</i> , 2020, 18, e3000764.	5.6	12
71	Function of Claws' claws. <i>Nature</i> , 1987, 325, 114-114.	27.8	11
72	New insights into the taxonomy of <i>Macaca pagensis</i> of the Mentawai Islands, Sumatra. <i>Mammalia</i> , 2002, 66, 533-542.	0.7	11

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73	Convex-hull mass estimates of the dodo (<i>Raphus cucullatus</i>): application of a CT-based mass estimation technique. PeerJ, 2016, 4, e1432.	2.0	11
74	Locating Specimens of Extinct Tiger (<i>Panthera tigris</i>) Subspecies: Javan Tiger (<i>P. T.</i>) Previously Unpublished Specimens. Mammal Study, 2013, 38, 187-198.	0.6	10
75	An assessment of the genetic diversity of the founders of the European captive population of Asian lion (<i>Panthera leo leo</i>), using microsatellite markers and studbook analysis. Mammalian Biology, 2018, 88, 138-143.	1.5	9
76	Response to Janecka et al. 2017. Heredity, 2018, 120, 581-585.	2.6	9
77	Machine learning ATR-FTIR spectroscopy data for the screening of collagen for ZooMS analysis and mtDNA in archaeological bone. Journal of Archaeological Science, 2021, 126, 105311.	2.4	9
78	The role of museums and zoos in conservation biology. International Zoo Yearbook, 1997, 35, 325-336.	0.9	8
79	Seasonality and reproduction in wild-living cats in Scotland. Acta Theriologica, 2002, 47, 73-84.	1.1	7
80	Domestic cat neutering to preserve the Scottish wildcat. Veterinary Record, 2018, 183, 27-28.	0.3	7
81	Diets of European polecat <i>Mustela putorius</i> in Great Britain during fifty years of population recovery. Mammal Research, 2020, 65, 181-190.	1.3	7
82	Variation in predicted COVID-19 risk among lemurs and lorises. American Journal of Primatology, 2021, 83, e23255.	1.7	7
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91	Environmental enrichment for Killer whales <i>Orcinus orca</i> at zoological institutions: untried and untested. <i>International Zoo Yearbook</i> , 2017, 51, 232-247.	0.9	5
92	Twenty years of the tiger feeding pole: review and recommendations. <i>International Zoo Yearbook</i> , 2020, 54, 174-190.	0.9	5
93	Intraspecific macroscopic digestive anatomy of ring-tailed lemurs (<i>Lemur catta</i>), including a comparison of frozen and formalin-stored specimens. <i>Primates</i> , 2021, 62, 431-441.	1.1	5
94	Editorial: Bears and Canids. <i>International Zoo Yearbook</i> , 2010, 44, 7-15.	0.9	4
95	What is a Snow Leopard? Taxonomy, Morphology, and Phylogeny. , 2016, , 3-11.		4
96	A system for designating taxonomic certainty in mammals and other taxa. <i>Mammalian Biology</i> , 2022, 102, 251-261.	1.5	4
97	Genetic integrity of European wildcats: Variation across biomes mandates geographically tailored conservation strategies. <i>Biological Conservation</i> , 2022, 268, 109518.	4.1	4
98	The preputial glands of the coati, <i>Nasua nasua</i> . <i>Journal of Zoology</i> , 1995, 236, 319-322.	1.7	3
99	Late Holocene range collapse in a former British seabird species. <i>Journal of Biogeography</i> , 2014, 41, 1583-1589.	3.0	3
100	Radiographic assessment of the skeletons of Dolly and other clones finds no abnormal osteoarthritis. <i>Scientific Reports</i> , 2017, 7, 15685.	3.3	3
101	Small carnivorans, museums and zoos. <i>International Zoo Yearbook</i> , 2020, 54, 43-52.	0.9	3
102	Morphological and functional variation between isolated populations of British red squirrels (<i>Sciurus hibernicus</i>) in the UK. <i>Journal of Animal Ecology</i> , 2017, 86, 103-111.	1.7	3
103	A kingdom in decline: Holocene range contraction of the lion (<i>Panthera leo</i>) modelled with global environmental stratification. <i>PeerJ</i> , 2021, 9, e10504.	2.0	3
104	Mitochondrial DNA and palaeontological evidence for the origins of endangered European mink, <i>Mustela lutreola</i> . <i>Animal Conservation</i> , 2000, 3, 345-355.	2.9	3
105	Novel mtDNA haplotypes represented in the European captive population of the Endangered Franco's langur (<i>Trachypithecus francoisi</i>). <i>International Journal of Primatology</i> , 2022, 43, 533-537.	1.9	3
106	Assigning confidence to sequence comparisons for species identification: A detailed comparison of the cytochrome b and cytochrome oxidase subunit I mitochondrial genes. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e246-e247.	0.3	2
107	An allelic discrimination SNP assay for distinguishing the mitochondrial lineages of European wildcats and domestic cats. <i>Conservation Genetics Resources</i> , 2012, 4, 163-165.	0.8	2
108	Biogeographical change in the tiger, <i>Panthera tigris</i> . <i>Animal Conservation</i> , 2000, 3, 113-124.	2.9	2

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109	The anatomy of the penis of a Sperm Whale (<i>Physeter catodon</i> L., 1758). <i>Mammal Review</i> , 2001, 31, 239-244.	4.8	1
110	The anatomy of the penis of a Sperm Whale (<i>Physeter catodon</i> L., 1758). <i>Mammal Review</i> , 2008, 31, 239-244.	4.8	1
111	Where does this tiger come from?â€”A robust molecular technique for simultaneous identification of endangered species and subspecies. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e532-e533.	0.3	1
112	How to sex Giant otter <i>Pteronura brasiliensis</i> (Gmelin, 1788) cubs. <i>International Zoo Yearbook</i> , 2015, 49, 214-218.	0.9	1
113	Evidence that Temminck described <i>Felis aurata</i> in 1825, not 1827. <i>Archives of Natural History</i> , 2022, 49, 78-85.	0.3	1
114	Some novel fieldwork experiments. <i>Journal of Biological Education</i> , 1988, 22, 220-224.	1.5	0
115	Making sense of the senses across species boundaries: designing the Animal Senses gallery at National Museums Scotland. <i>Senses and Society</i> , 2017, 12, 333-343.	0.5	0
116	LAPAROSCOPIC-ASSISTED INSERTION OF A VENTRICULOPERITONEAL SHUNT IN A RESCUED ASIATIC BLACK BEAR (<i>URSUS THIBETANUS</i>) IN LAOS. <i>Journal of Zoo and Wildlife Medicine</i> , 2017, 48, 897-901.	0.6	0
117	Investigating infectious disease threats to the recovery of the European polecat in Britain. <i>Mammalian Biology</i> , 2020, 100, 439-444.	1.5	0
118	Frank Haes' thylacine. <i>Australian Zoologist</i> , 2016, 38, 203-211.	1.1	0
119	Systematics, Evolution, and Genetics of Bears. , 2020, , 3-20.		0