

Alex K Piel

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,036
citations

361413

20
h-index

276875

41
g-index

80
all docs

80
docs citations

80
times ranked

2243
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic sequences in non-human animals: a tutorial review and prospectus. <i>Biological Reviews</i> , 2016, 91, 13-52.	10.4	213
2	African origin of the malaria parasite <i>Plasmodium vivax</i> . <i>Nature Communications</i> , 2014, 5, 3346.	12.8	167
3	Living archaeology: Artefacts of specific nest site fidelity in wild chimpanzees. <i>Journal of Human Evolution</i> , 2011, 61, 388-395.	2.6	152
4	Human impact erodes chimpanzee behavioral diversity. <i>Science</i> , 2019, 363, 1453-1455.	12.6	100
5	High Prevalence of Simian Immunodeficiency Virus Infection in a Community of Savanna Chimpanzees. <i>Journal of Virology</i> , 2011, 85, 9918-9928.	3.4	94
6	Chimpanzee accumulative stone throwing. <i>Scientific Reports</i> , 2016, 6, 22219.	3.3	94
7	The ecological determinants of baboon troop movements at local and continental scales. <i>Movement Ecology</i> , 2015, 3, 14.	2.8	73
8	Termite fishing by wild chimpanzees: new data from Ugalla, western Tanzania. <i>Primates</i> , 2014, 55, 35-40.	1.1	72
9	Chimpanzee ethnography reveals unexpected cultural diversity. <i>Nature Human Behaviour</i> , 2020, 4, 910-916.	12.0	61
10	Passive acoustic monitoring reveals group ranging and territory use: a case study of wild chimpanzees (<i>Pan troglodytes</i>). <i>Frontiers in Zoology</i> , 2016, 13, 34.	2.0	52
11	Environmental variability supports chimpanzee behavioural diversity. <i>Nature Communications</i> , 2020, 11, 4451.	12.8	49
12	The diet of open-habitat chimpanzees (<i>Pan troglodytes schweinfurthii</i>) in the Issa valley, western Tanzania. <i>Journal of Human Evolution</i> , 2017, 112, 57-69.	2.6	46
13	Deterring poaching in western Tanzania: The presence of wildlife researchers. <i>Global Ecology and Conservation</i> , 2015, 3, 188-199.	2.1	43
14	Primate archaeology evolves. <i>Nature Ecology and Evolution</i> , 2017, 1, 1431-1437.	7.8	42
15	Assessment of Chimpanzee Nest Detectability in Drone-Acquired Images. <i>Drones</i> , 2018, 2, 17.	4.9	41
16	Widespread <i>Treponema pallidum</i> Infection in Nonhuman Primates, Tanzania. <i>Emerging Infectious Diseases</i> , 2018, 24, 1002-1009.	4.3	32
17	Allometry and Ecology of the Bilaterian Gut Microbiome. <i>MBio</i> , 2018, 9, .	4.1	29
18	Nocturnal activity in wild chimpanzees (<i>Pan troglodytes</i>): Evidence for flexible sleeping patterns and insights into human evolution. <i>American Journal of Physical Anthropology</i> , 2018, 166, 510-529.	2.1	27

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19	Population status of chimpanzees in the Masito-Ugalla Ecosystem, Tanzania. <i>American Journal of Primatology</i> , 2015, 77, 1027-1035.	1.7	26
20	Molecular identification of <i>Entamoeba</i> species in savanna woodland chimpanzees (<i>Pan troglodytes</i>). <i>Overlook</i> , 2017, 10, 50-70.	1.5	25
21	Listening and watching: Do camera traps or acoustic sensors more efficiently detect wild chimpanzees in an open habitat?. <i>Methods in Ecology and Evolution</i> , 2020, 11, 542-552.	5.2	23
22	Savanna chimpanzees adjust sleeping nest architecture in response to local weather conditions. <i>American Journal of Physical Anthropology</i> , 2018, 166, 549-562.	2.1	22
23	CD4 receptor diversity in chimpanzees protects against SIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3229-3238.	7.1	21
24	Modelling landscape connectivity change for chimpanzee conservation in Tanzania. <i>Biological Conservation</i> , 2020, 252, 108816.	4.1	21
25	Chimpanzee vertebrate consumption: Savanna and forest chimpanzees compared. <i>Journal of Human Evolution</i> , 2017, 112, 30-40.	2.6	20
26	Detecting "poachers" with drones: Factors influencing the probability of detection with TIR and RGB imaging in miombo woodlands, Tanzania. <i>Biological Conservation</i> , 2019, 233, 109-117.	4.1	20
27	Predicting range shifts of African apes under global change scenarios. <i>Diversity and Distributions</i> , 2021, 27, 1663-1679.	4.1	20
28	CHIIMP: An automated high-throughput microsatellite genotyping platform reveals greater allelic diversity in wild chimpanzees. <i>Ecology and Evolution</i> , 2018, 8, 7946-7963.	1.9	19
29	The Malagarasi River Does Not Form an Absolute Barrier to Chimpanzee Movement in Western Tanzania. <i>PLoS ONE</i> , 2013, 8, e58965.	2.5	18
30	Maximizing the acquisition of unique reads in noninvasive capture sequencing experiments. <i>Molecular Ecology Resources</i> , 2021, 21, 745-761.	4.8	18
31	Population dynamics and genetic connectivity in recent chimpanzee history. <i>Cell Genomics</i> , 2022, 2, 100133.	6.5	18
32	Raw material procurement for termite fishing tools by wild chimpanzees in the Issa valley, Western Tanzania. <i>American Journal of Physical Anthropology</i> , 2017, 164, 292-304.	2.1	17
33	Chimpanzees (<i>Pan troglodytes</i>) in savanna landscapes. <i>Evolutionary Anthropology</i> , 2021, 30, 399-420.	3.4	17
34	Prevalence and climatic associated factors of <i>Cryptosporidium</i> sp. infections in savanna chimpanzees from Ugalla, Western Tanzania. <i>Parasitology Research</i> , 2013, 112, 393-399.	1.6	16
35	Fermented food consumption in wild nonhuman primates and its ecological drivers. <i>American Journal of Physical Anthropology</i> , 2021, 175, 513-530.	2.1	16
36	Noninvasive Technologies for Primate Conservation in the 21st Century. <i>International Journal of Primatology</i> , 2022, 43, 133-167.	1.9	16

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37	Gastrointestinal Parasites of Savanna Chimpanzees (<i>Pan troglodytes schweinfurthii</i>) in Ugalla, Tanzania. <i>International Journal of Primatology</i> , 2014, 35, 463-475.	1.9	15
38	Temporal patterns of chimpanzee loud calls in the Issa Valley, Tanzania: Evidence of nocturnal acoustic behavior in wild chimpanzees. <i>American Journal of Physical Anthropology</i> , 2018, 166, 530-540.	2.1	15
39	Food mechanical properties and isotopic signatures in forest versus savannah dwelling eastern chimpanzees. <i>Communications Biology</i> , 2018, 1, 109.	4.4	14
40	Strain diversity of <i>Treponema pallidum</i> subsp. <i>pertenue</i> suggests rare interspecies transmission in African nonhuman primates. <i>Scientific Reports</i> , 2019, 9, 14243.	3.3	14
41	Recent genetic connectivity and clinal variation in chimpanzees. <i>Communications Biology</i> , 2021, 4, 283.	4.4	13
42	Non-Human Animal Responses towards the Dead and Death: A Comparative Approach to Understanding the Evolution of Human Mortuary Practices. , 2015, , 15-26.		12
43	Food abundance and weather influence habitat-specific ranging patterns in forest and savanna mosaic-dwelling red-tailed monkeys (<i>Cercopithecus ascanius</i>). <i>American Journal of Physical Anthropology</i> , 2019, 170, 217-231.	2.1	12
44	Leopard (<i>Panthera pardus</i>) predation on a red-tailed monkey (<i>Cercopithecus ascanius</i>) in the Issa Valley, western Tanzania. <i>Primates</i> , 2019, 60, 15-19.	1.1	12
45	Using nonhuman culture in conservation requires careful and concerted action. <i>Conservation Letters</i> , 2022, 15, .	5.7	12
46	Molecular diversity of entodiniomorphid ciliate <i>Troglodytella abressarti</i> and its coevolution with chimpanzees. <i>American Journal of Physical Anthropology</i> , 2012, 148, 525-533.	2.1	11
47	The importance of nutrient hotspots for grazing ungulates in a Miombo ecosystem, Tanzania. <i>PLoS ONE</i> , 2020, 15, e0230192.	2.5	11
48	A comparative molecular survey of malaria prevalence among Eastern chimpanzee populations in Issa Valley (Tanzania) and Kalinzu (Uganda). <i>Malaria Journal</i> , 2016, 15, 423.	2.3	10
49	Cercopithecine and Colobine Abundance Across Protected and Unprotected Land in the Greater Mahale Ecosystem, Western Tanzania. <i>International Journal of Primatology</i> , 2019, 40, 687-705.	1.9	10
50	An Evaluation of the Factors Affecting "Poacher"™ Detection with Drones and the Efficacy of Machine-Learning for Detection. <i>Sensors</i> , 2021, 21, 4074.	3.8	10
51	Quantitative estimates of glacial refugia for chimpanzees (<i>Pan troglodytes</i>) since the Last Interglacial (120,000 BP). <i>American Journal of Primatology</i> , 2021, 83, e23320.	1.7	10
52	Combining Deforestation and Species Distribution Models to Improve Measures of Chimpanzee Conservation Impacts of REDD: A Case Study from Ntakata Mountains, Western Tanzania. <i>Forests</i> , 2020, 11, 1195.	2.1	9
53	CD4 receptor diversity represents an ancient protection mechanism against primate lentiviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
54	Chimpanzee (<i>Pan troglodytes schweinfurthii</i>) grouping patterns in an open and dry savanna landscape, Issa Valley, western Tanzania. <i>Journal of Human Evolution</i> , 2022, 163, 103137.	2.6	9

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55	Structure of Chimpanzee Gut Microbiomes across Tropical Africa. <i>MSystems</i> , 2021, 6, e0126920.	3.8	8
56	Ecology of sleeping: the microbial and arthropod associates of chimpanzee beds. <i>Royal Society Open Science</i> , 2018, 5, 180382.	2.4	7
57	Chimpanzees and their mammalian sympatriates in the Issa Valley, Tanzania. <i>African Journal of Ecology</i> , 2019, 57, 31-40.	0.9	7
58	Comparing Methods for Assessing Chimpanzee (<i>Pan troglodytes schweinfurthii</i>) Party Size: Observations, Camera Traps, and Bed Counts from a Savanna-Woodland Mosaic in the Issa Valley, Tanzania. <i>International Journal of Primatology</i> , 2020, 41, 901-915.	1.9	7
59	Addressing environmental and atmospheric challenges for capturing high-precision thermal infrared data in the field of astro-ecology. , 2018, , .		7
60	Adenovirus infection in savanna chimpanzees (<i>Pan troglodytes schweinfurthii</i>) in the Issa Valley, Tanzania. <i>Archives of Virology</i> , 2018, 163, 191-196.	2.1	6
61	Anaerobic Fungi in Gorilla (<i>Gorilla gorilla gorilla</i>) Feces: an Adaptation to a High-Fiber Diet?. <i>International Journal of Primatology</i> , 2018, 39, 567-580.	1.9	6
62	Ecological correlates of chimpanzee (<i>Pan troglodytes schweinfurthii</i>) density in Mahale Mountains National Park, Tanzania. <i>PLoS ONE</i> , 2021, 16, e0246628.	2.5	5
63	Vocal communication in wild chimpanzees: a call rate study. <i>PeerJ</i> , 2021, 9, e12326.	2.0	5
64	Limited evidence of C4 plant consumption in mound building <i>Macrotermes</i> termites from savanna woodland chimpanzee sites. <i>PLoS ONE</i> , 2021, 16, e0244685.	2.5	4
65	Riverine Red-tails. , 2019, , 270-275.		3
66	Association of human disturbance and gastrointestinal parasite infection of yellow baboons in western Tanzania. <i>PLoS ONE</i> , 2022, 17, e0262481.	2.5	3
67	DNA recovery from wild chimpanzee tools. <i>PLoS ONE</i> , 2018, 13, e0189657.	2.5	2
68	<NOTE>Grooming Hand Clasp by Chimpanzees (<i>Pan troglodytes schweinfurthii</i>) in the Issa Valley, Western Tanzania. <i>Pan Africa News</i> , 2017, 24, 2-6.	0.3	2
69	Ecological Drivers of Habitat Use by Meso Mammals in a Miombo Ecosystem in the Issa Valley, Tanzania. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	2
70	Localizing wild chimpanzees with passive acoustics. <i>Ecology and Evolution</i> , 2022, 12, e8902.	1.9	2
71	Inclusive chimpanzee conservation-Response. <i>Science</i> , 2019, 364, 1040-1041.	12.6	0
72	PARV4 found in wild chimpanzee faeces: an alternate route of transmission?. <i>Archives of Virology</i> , 2019, 164, 573-578.	2.1	0

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73	Anthropogenic disturbance and chimpanzee (<i>Pan troglodytes</i>) habitat use in the Masito-Ugalla Ecosystem, Tanzania. <i>Journal of Mammalogy</i> , 2020, 101, 1660-1669.	1.3	0
74	Red-tailed monkeys (<i>Cercopithecus ascanius</i>) prey upon and mob birds in the Issa Valley, western Tanzania. <i>Primates</i> , 2020, 61, 563-566.	1.1	0