

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	Noninvasive Technologies for Primate Conservation in the 21st Century. <i>International Journal of Primatology</i> , 2022, 43, 133-167.	1.9	16
2	Association of human disturbance and gastrointestinal parasite infection of yellow baboons in western Tanzania. <i>PLoS ONE</i> , 2022, 17, e0262481.	2.5	3
3	Using nonhuman culture in conservation requires careful and concerted action. <i>Conservation Letters</i> , 2022, 15, .	5.7	12
4	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
5	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
6	Localizing wild chimpanzees with passive acoustics. <i>Ecology and Evolution</i> , 2022, 12, e8902.	1.9	2
7	Population dynamics and genetic connectivity in recent chimpanzee history. <i>Cell Genomics</i> , 2022, 2, 100133.	6.5	18
8	Maximizing the acquisition of unique reads in noninvasive capture sequencing experiments. <i>Molecular Ecology Resources</i> , 2021, 21, 745-761.	4.8	18
9	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
10	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
11	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
12	Recent genetic connectivity and clinal variation in chimpanzees. <i>Communications Biology</i> , 2021, 4, 283.	4.4	13
13	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
14	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
15	Predicting range shifts of African apes under global change scenarios. <i>Diversity and Distributions</i> , 2021, 27, 1663-1679.	4.1	20
16	Structure of Chimpanzee Gut Microbiomes across Tropical Africa. <i>MSystems</i> , 2021, 6, e0126920.	3.8	8
17	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
18	Chimpanzees (<i>Pan troglodytes</i>) in savanna landscapes. <i>Evolutionary Anthropology</i> , 2021, 30, 399-420.	3.4	17

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19	Vocal communication in wild chimpanzees: a call rate study. PeerJ, 2021, 9, e12326.	2.0	5
20	Listening and watching: Do camera traps or acoustic sensors more efficiently detect wild chimpanzees in an open habitat?. Methods in Ecology and Evolution, 2020, 11, 542-552.	5.2	23
21	Modelling landscape connectivity change for chimpanzee conservation in Tanzania. Biological Conservation, 2020, 252, 108816.	4.1	21
22	Combining Deforestation and Species Distribution Models to Improve Measures of Chimpanzee Conservation Impacts of REDD: A Case Study from Ntakata Mountains, Western Tanzania. Forests, 2020, 11, 1195.	2.1	9
23	Environmental variability supports chimpanzee behavioural diversity. Nature Communications, 2020, 11, 4451.	12.8	49
24	Anthropogenic disturbance and chimpanzee (<i>Pan troglodytes</i>) habitat use in the Masito-Ugalla Ecosystem, Tanzania. Journal of Mammalogy, 2020, 101, 1660-1669.	1.3	0
25	Red-tailed monkeys (<i>Cercopithecus ascanius</i>) prey upon and mob birds in the Issa Valley, western Tanzania. Primates, 2020, 61, 563-566.	1.1	0
26	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. International Journal of Primatology, 2020, 41, 901-915.	1.9	7
27	The importance of nutrient hotspots for grazing ungulates in a Miombo ecosystem, Tanzania. PLoS ONE, 2020, 15, e0230192.	2.5	11
28	Chimpanzee ethnography reveals unexpected cultural diversity. Nature Human Behaviour, 2020, 4, 910-916.	12.0	61
29	Food abundance and weather influence habitat-specific ranging patterns in forest and savanna mosaic-dwelling red-tailed monkeys (<i>Cercopithecus ascanius</i>). American Journal of Physical Anthropology, 2019, 170, 217-231.	2.1	12
30	Strain diversity of <i>Treponema pallidum</i> subsp. <i>pertenue</i> suggests rare interspecies transmission in African nonhuman primates. Scientific Reports, 2019, 9, 14243.	3.3	14
31	Leopard (<i>Panthera pardus</i>) predation on a red-tailed monkey (<i>Cercopithecus ascanius</i>) in the Issa Valley, western Tanzania. Primates, 2019, 60, 15-19.	1.1	12
32	Inclusive chimpanzee conservation—Response. Science, 2019, 364, 1040-1041.	12.6	0
33	Human impact erodes chimpanzee behavioral diversity. Science, 2019, 363, 1453-1455.	12.6	100
34	Detecting “poachers” with drones: Factors influencing the probability of detection with TIR and RGB imaging in miombo woodlands, Tanzania. Biological Conservation, 2019, 233, 109-117.	4.1	20
35	CD4 receptor diversity in chimpanzees protects against SIV infection. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3229-3238.	7.1	21
36	Cercopithecine and Colobine Abundance Across Protected and Unprotected Land in the Greater Mahale Ecosystem, Western Tanzania. International Journal of Primatology, 2019, 40, 687-705.	1.9	10

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37	Riverine Red-tails. , 2019, , 270-275.		3
38	Chimpanzees and their mammalian sympatriates in the Issa Valley, Tanzania. African Journal of Ecology, 2019, 57, 31-40.	0.9	7
39	PARV4 found in wild chimpanzee faeces: an alternate route of transmission?. Archives of Virology, 2019, 164, 573-578.	2.1	0
40	Allometry and Ecology of the Bilaterian Gut Microbiome. MBio, 2018, 9, .	4.1	29
41	Adenovirus infection in savanna chimpanzees (<i>Pan troglodytes schweinfurthii</i>) in the Issa Valley, Tanzania. Archives of Virology, 2018, 163, 191-196.	2.1	6
42	<sc>CHIIMP</sc>: An automated high-throughput microsatellite genotyping platform reveals greater allelic diversity in wild chimpanzees. Ecology and Evolution, 2018, 8, 7946-7963.	1.9	19
43	Ecology of sleeping: the microbial and arthropod associates of chimpanzee beds. Royal Society Open Science, 2018, 5, 180382.	2.4	7
44	Widespread <i>Treponema pallidum</i> Infection in Nonhuman Primates, Tanzania. Emerging Infectious Diseases, 2018, 24, 1002-1009.	4.3	32
45	Anaerobic Fungi in Gorilla (<i>Gorilla gorilla gorilla</i>) Feces: an Adaptation to a High-Fiber Diet?. International Journal of Primatology, 2018, 39, 567-580.	1.9	6
46	Assessment of Chimpanzee Nest Detectability in Drone-Acquired Images. Drones, 2018, 2, 17.	4.9	41
47	Savanna chimpanzees adjust sleeping nest architecture in response to local weather conditions. American Journal of Physical Anthropology, 2018, 166, 549-562.	2.1	22
48	Nocturnal activity in wild chimpanzees (<i>Pan troglodytes</i>): Evidence for flexible sleeping patterns and insights into human evolution. American Journal of Physical Anthropology, 2018, 166, 510-529.	2.1	27
49	Temporal patterns of chimpanzee loud calls in the Issa Valley, Tanzania: Evidence of nocturnal acoustic behavior in wild chimpanzees. American Journal of Physical Anthropology, 2018, 166, 530-540.	2.1	15
50	Food mechanical properties and isotopic signatures in forest versus savannah dwelling eastern chimpanzees. Communications Biology, 2018, 1, 109.	4.4	14
51	DNA recovery from wild chimpanzee tools. PLoS ONE, 2018, 13, e0189657.	2.5	2
52	Addressing environmental and atmospheric challenges for capturing high-precision thermal infrared data in the field of astro-ecology. , 2018, , .		7
53	Raw material procurement for termite fishing tools by wild chimpanzees in the Issa valley, Western Tanzania. American Journal of Physical Anthropology, 2017, 164, 292-304.	2.1	17
54	Chimpanzee vertebrate consumption: Savanna and forest chimpanzees compared. Journal of Human Evolution, 2017, 112, 30-40.	2.6	20

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55	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
56	Primate archaeology evolves. <i>Nature Ecology and Evolution</i> , 2017, 1, 1431-1437.	7.8	42
57	<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
58	Molecular identification of <i>Entamoeba</i> species in savanna woodland chimpanzees (<i>Pan</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	1.5	25
59	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
60	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
61	Chimpanzee accumulative stone throwing. <i>Scientific Reports</i> , 2016, 6, 22219.	3.3	94
62	Acoustic sequences in non-human animals: a tutorial review and prospectus. <i>Biological Reviews</i> , 2016, 91, 13-52.	10.4	213
63	The ecological determinants of baboon troop movements at local and continental scales. <i>Movement Ecology</i> , 2015, 3, 14.	2.8	73
64	Population status of chimpanzees in the Masito-Ugalla Ecosystem, Tanzania. <i>American Journal of Primatology</i> , 2015, 77, 1027-1035.	1.7	26
65	Deterring poaching in western Tanzania: The presence of wildlife researchers. <i>Global Ecology and Conservation</i> , 2015, 3, 188-199.	2.1	43
66	Non-Human Animal Responses towards the Dead and Death: A Comparative Approach to Understanding the Evolution of Human Mortuary Practices. , 2015, , 15-26.		12
67	Termite fishing by wild chimpanzees: new data from Ugalla, western Tanzania. <i>Primates</i> , 2014, 55, 35-40.	1.1	72
68	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
69	African origin of the malaria parasite <i>Plasmodium vivax</i> . <i>Nature Communications</i> , 2014, 5, 3346.	12.8	167
70	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
71	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
72	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

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73	Living archaeology: Artefacts of specific nest site fidelity in wild chimpanzees. <i>Journal of Human Evolution</i> , 2011, 61, 388-395.	2.6	152
74	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