Steven R Leigh

List of Publications by Year
in descending order

81	7,100	61984	91884
papers	citations	43 h-index	69 g-index

88	88	88	6659
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Habitat degradation impacts black howler monkey (Alouatta pigra) gastrointestinal microbiomes. ISME Journal, 2013, 7, 1344-1353.	9.8	1,031
2	Brain growth, life history, and cognition in primate and human evolution. American Journal of Primatology, 2004, 62, 139-164.	1.7	324
3	The Gut Microbiota Appears to Compensate for Seasonal Diet Variation in the Wild Black Howler Monkey (Alouatta pigra). Microbial Ecology, 2015, 69, 434-443.	2.8	254
4	Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. ISME Journal, 2019, 13, 576-587.	9.8	236
5	Patterns of variation in the ontogeny of primate body size dimorphism. Journal of Human Evolution, 1992, 23, 27-50.	2.6	234
6	Gut Microbiome of Coexisting BaAka Pygmies and Bantu Reflects Gradients of Traditional Subsistence Patterns. Cell Reports, 2016, 14, 2142-2153.	6.4	231
7	Characterization of the Fecal Microbiome from Non-Human Wild Primates Reveals Species Specific Microbial Communities. PLoS ONE, 2010, 5, e13963.	2.5	225
8	Ontogeny and the evolution of adult body size dimorphism in apes. American Journal of Primatology, 1995, 36, 37-60.	1.7	220
9	Determining Sheep Birth Seasonality by Analysis of Tooth Enamel Oxygen Isotope Ratios: The Late Stone Age Site of Kasteelberg (South Africa). Journal of Archaeological Science, 2003, 30, 205-215.	2.4	200
10	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. Nature Microbiology, 2019, 4, 1727-1736.	13.3	184
11	Gut microbiome composition and metabolomic profiles of wild western lowland gorillas (Gorilla) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	171
12	Heterogeneity of Vaginal Microbial Communities within Individuals. Journal of Clinical Microbiology, 2009, 47, 1181-1189.	3.9	156
13	Primate vaginal microbiomes exhibit species specificity without universal Lactobacillus dominance. ISME Journal, 2014, 8, 2431-2444.	9.8	149
14	Ontogenetic Variation in Small-Bodied New World Primates: Implications for Patterns of Reproduction and Infant Care. Folia Primatologica, 1997, 68, 1-22.	0.7	147
15	Ontogeny of body size variation in African apes. , 1996, 99, 43-65.		146
16	Evolution of human growth spurts. , 1996, 101, 455-474.		143
17	Ontoaenetic correlates of diet in anthropoid primates. American Journal of Physical Anthropology, 1994, 94, 499-522.	2.1	137
18	Comparative Genomics of Gardnerella vaginalis Strains Reveals Substantial Differences in Metabolic and Virulence Potential. PLoS ONE, 2010, 5, e12411.	2.5	124

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19	Evolution of human growth. Evolutionary Anthropology, 2001, 10, 223-236.	3.4	123
20	A Multi-Omic Systems-Based Approach Reveals Metabolic Markers of Bacterial Vaginosis and Insight into the Disease. PLoS ONE, 2013, 8, e56111.	2.5	122
21	Socioecology and the ontogeny of sexual size dimorphism in anthropoid primates. American Journal of Physical Anthropology, 1995, 97, 339-356.	2.1	119
22	Effects of fronto-occipital artificial cranial vault modification on the cranial base and face. American Journal of Physical Anthropology, 1992, 88, 323-345.	2.1	115
23	The primate vaginal microbiome: Comparative context and implications for human health and disease. American Journal of Physical Anthropology, 2013, 152, 119-134.	2.1	115
24	Variable responses of human and non-human primate gut microbiomes to a Western diet. Microbiome, 2015, 3, 53.	11.1	108
25	The role of gut microbes in satisfying the nutritional demands of adult and juvenile wild, black howler monkeys (<scp>A</scp>louatta pigra). American Journal of Physical Anthropology, 2014, 155, 652-664.	2.1	103
26	The gut microbiome of nonhuman primates: Lessons in ecology and evolution. American Journal of Primatology, 2018, 80, e22867.	1.7	100
27	Host age, social group, and habitat type influence the gut microbiota of wild ringâ€tailed lemurs (Lemur catta). American Journal of Primatology, 2016, 78, 883-892.	1.7	98
28	Phylogenetic and ecological factors impact the gut microbiota of two Neotropical primate species. Oecologia, 2016, 180, 717-733.	2.0	91
29	Temporal variation selects for dietâ€“microbe co-metabolic traits in the gut of Gorilla spp. ISME Journal, 2016, 10, 514-526.	9.8	84
30	Relations between captive and noncaptive weights in anthropoid primates. Zoo Biology, 1994, 13, 21-43.	1.2	75
31	Effects of annular cranial vault modification on the cranial base and face. American Journal of Physical Anthropology, 1993, 90, 147-168.	2.1	74
32	Cranial capacity evolution inHomo erectus and earlyHomo sapiens. American Journal of Physical Anthropology, 1992, 87, 1-13.	2.1	73
33	Microbiomes, metagenomics, and primate conservation: New strategies, tools, and applications. Biological Conservation, 2016, 199, 56-66.	4.1	73
34	Fecal microbiomes of nonâ€human primates in Western Uganda reveal speciesâ€specific communities largely resistant to habitat perturbation. American Journal of Primatology, 2014, 76, 347-354.	1.7	72
35	Patterns in Gut Microbiota Similarity Associated with Degree of Sociality among Sex Classes of a Neotropical Primate. Microbial Ecology, 2017, 74, 250-258.	2.8	70
36	Evolution of human growth prolongation. American Journal of Physical Anthropology, 1998, 107, 331-350.	2.1	64

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37	Comparative Perspectives on Bimaturism, Ontogeny, and Dimorphism in Lemurid Primates. International Journal of Primatology, 1998, 19, 723-749.	1.9	62
38	Ontogeny and phylogeny in papionin primates. Journal of Human Evolution, 2003, 45, 285-316.	2.6	62
39	Brain ontogeny and life history in Homo erectus. Journal of Human Evolution, 2006, 50, 104-108.	2.6	59
40	Social behaviour and gut microbiota in redâ€bellied lemurs (<scp>E</scp>ulemur rubriventer): In search of the role of immunity in the evolution of sociality. Journal of Animal Ecology, 2018, 87, 388-399.	2.8	57
41	Convergence of human and Old World monkey gut microbiomes demonstrates the importance of human ecology over phylogeny. Genome Biology, 2019, 20, 201.	8.8	57
42	Sexual dimorphism in the baboon facial skeleton. American Journal of Physical Anthropology, 1991, 84, 193-208.	2.1	55
43	Cranial ontogeny ofPapio baboons (Papio hamadryas). American Journal of Physical Anthropology, 2006, 130, 71-84.	2.1	51
44	Canine tooth size and fitness in male mandrills (Mandrillus sphinx). Journal of Human Evolution, 2008, 55, 75-85.	2.6	51
45	Towards an Evolutionary Model of Animal-Associated Microbiomes. Entropy, 2011, 13, 570-594.	2.2	48
46	The Impact of Financial Barriers on Access to Care, Quality of Care and Vascular Morbidity Among Patients with Diabetes and Coronary Heart Disease. Journal of General Internal Medicine, 2014, 29, 76-81.	2.6	48
47	Hormonal correlates of ontogeny in baboons (Papio hamadryas anubis) and mangabeys (Cercocebus atys). American Journal of Physical Anthropology, 2008, 136, 156-168.	2.1	41
48	Plasticity in the Human Gut Microbiome Defies Evolutionary Constraints. MSphere, 2019, 4, .	2.9	40
49	Brain Size Growth and Life History in Human Evolution. Evolutionary Biology, 2012, 39, 587-599.	1.1	38
50	Multivariate Craniometric Variation in Chimpanzees. , 1993, , 265-296.		37
51	Patterns of growth of the mandibular corpus in spotted hyenas (Crocuta crocuta) and cougars (Puma) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	30
52	Impact of stress on the gut microbiome of free-ranging western lowland gorillas. Microbiology (United Kingdom), 2018, 164, 40-44.	1.8	29
53	Differences between the normal vaginal bacterial community of baboons and that of humans. American Journal of Primatology, 2011, 73, 119-126.	1.7	27
54	Ontogenetic bases of canine dimorphism in anthropoid primates. American Journal of Physical Anthropology, 2005, 127, 296-311.	2.1	25

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55	Homoplasy and the evolution of ontogeny in papionin primates. Journal of Human Evolution, 2007, 52, 536-558.	2.6	24
56	A re-evaluation of subspecific variation and canine dimorphism in woolly spider monkeys (Brachyteles) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.1	22
57	Inferring Plio-Pleistocene southern African biochronology from facial affinities inParapapio and other fossil papionins. American Journal of Physical Anthropology, 2007, 132, 163-174.	2.1	22
58	Growth and Development of Baboons. , 2009, , 57-88.		22
59	Asymmetric vault modification in Hopi crania. American Journal of Physical Anthropology, 1995, 98, 173-195.	2.1	21
60	Relationships Between Gastrointestinal Parasite Infections and the Fecal Microbiome in Free-Ranging Western Lowland Gorillas. Frontiers in Microbiology, 2018, 9, 1202.	3.5	21
61	Hormones and body size evolution in papionin primates. American Journal of Physical Anthropology, 2007, 132, 247-260.	2.1	20
62	Effect of Antibiotic Treatment on the Gastrointestinal Microbiome of Free-Ranging Western Lowland Gorillas (Gorilla g. gorilla). Microbial Ecology, 2016, 72, 943-954.	2.8	19
63	Microbial community analysis of rectal methanogens and sulfate reducing bacteria in two nonâ€human primate species. Journal of Medical Primatology, 2009, 38, 360-370.	0.6	15
64	Gut microbiome composition of wild western lowland gorillas is associated with individual age and sex factors. American Journal of Physical Anthropology, 2019, 169, 575-585.	2.1	15
65	Ontogeny, Life History, and Maternal Investment in Baboons. , 2006, , 225-255.		15
66	Traditional Human Populations and Nonhuman Primates Show Parallel Gut Microbiome Adaptations to Analogous Ecological Conditions. MSystems, 2020, 5, .	3.8	13
67	Antibiotic Resistance Genes in the Vaginal Microbiota of Primates Not Normally Exposed to Antibiotics. Microbial Drug Resistance, 2009, 15, 309-315.	2.0	11
68	Demographic and Morphological Perspectives on Life History Evolution and Conservation of New World Monkeys. , 2009, , 117-138.		8
69	Mapping gastrointestinal gene expression patterns in wild primates and humans via fecal RNA-seq. BMC Genomics, 2019, 20, 493.	2.8	8
70	Variations in the microbiome due to storage preservatives are not large enough to obscure variations due to factors such as host population, host species, body site, and captivity. American Journal of Primatology, 2019, 81, e23045.	1.7	6
71	Large Comparative Analyses of Primate Body Site Microbiomes Indicate that the Oral Microbiome Is Unique among All Body Sites and Conserved among Nonhuman Primates. Microbiology Spectrum, 2022, 10, e0164321.	3.0	5
72	Morphological differentiation of Gorilla subspecies. , 2002, , 104-131.		3

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73	Sex differences in the behavior of wild Alouatta caraya infants. Primates, 2016, 57, 521-532.	1.1	3
74	Patterns of growth of the mandibular corpus in spotted hyenas (Crocuta crocuta) and cougars (Puma) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.3	3
75	Comment on data sharing in biological anthropology. American Journal of Physical Anthropology, 2020, 172, 339-339.	2.1	2
76	Perspectives on Reproduction and Life History in Baboons. , 2006, , 1-15.		2
77	Chimp Research. , 1998, 282, 47b-47.		1
78	Title is missing!. International Journal of Primatology, 2002, 23, 1137-1139.	1.9	0
79	Comparative analysis of the vaginal microbiome in health and disease. Genome Biology, 2011, 12, .	9.6	0
80	Perspectives on Reproduction and Life History in Baboons. , 2006, , 1-15.		0
81	Ontogeny, Life History, and Maternal Investment in Baboons. , 2006, , 225-255.		0