

# Susanne Shultz

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

6,507  
citations

117571

34  
h-index

91828

69  
g-index

82  
all docs

82  
docs citations

82  
times ranked

5713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution in the Social Brain. <i>Science</i> , 2007, 317, 1344-1347.	6.0	1,318
2	Diclofenac poisoning as a cause of vulture population declines across the Indian subcontinent. <i>Journal of Applied Ecology</i> , 2004, 41, 793-800.	1.9	395
3	Understanding primate brain evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 649-658.	1.8	304
4	Stepwise evolution of stable sociality in primates. <i>Nature</i> , 2011, 479, 219-222.	13.7	285
5	The evolution of the social brain: anthropoid primates contrast with other vertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2429-2436.	1.2	243
6	Male infanticide leads to social monogamy in primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13328-13332.	3.3	235
7	Bondedness and sociality. <i>Behaviour</i> , 2010, 147, 775-803.	0.4	224
8	Toxicity of diclofenac to Gyps vultures. <i>Biology Letters</i> , 2006, 2, 279-282.	1.0	210
9	East African climate pulses and early human evolution. <i>Quaternary Science Reviews</i> , 2014, 101, 1-17.	1.4	202
10	Encephalization is not a universal macroevolutionary phenomenon in mammals but is associated with sociality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21582-21586.	3.3	199
11	Why are there so many explanations for primate brain evolution?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160244.	1.8	198
12	EVIDENCE FOR COEVOLUTION OF SOCIALITY AND RELATIVE BRAIN SIZE IN THREE ORDERS OF MAMMALS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2811-2821.	1.1	184
13	Diclofenac poisoning is widespread in declining vulture populations across the Indian subcontinent. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S458-60.	1.2	176
14	Brain size and resource specialization predict long-term population trends in British birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2305-2311.	1.2	172
15	Both social and ecological factors predict ungulate brain size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 207-215.	1.2	163
16	A community-level evaluation of the impact of prey behavioural and ecological characteristics on predator diet composition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 725-732.	1.2	129
17	Social bonds in birds are associated with brain size and contingent on the correlated evolution of life-history and increased parental investment. <i>Biological Journal of the Linnean Society</i> , 2010, 100, 111-123.	0.7	115
18	A synthesis of the theories and concepts of early human evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140064.	1.8	115

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19	Hominin cognitive evolution: identifying patterns and processes in the fossil and archaeological record. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2130-2140.	1.8	114
20	Species differences in executive function correlate with hippocampus volume and neocortex ratio across nonhuman primates.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2010, 124, 252-260.	0.3	100
21	The social and cultural roots of whale and dolphin brains. <i>Nature Ecology and Evolution</i> , 2017, 1, 1699-1705.	3.4	91
22	Rare gut microbiota associated with breeding success, hormone metabolites and ovarian cycle phase in the critically endangered eastern black rhino. <i>Microbiome</i> , 2019, 7, 27.	4.9	75
23	Gut microbiome composition is associated with spatial structuring and social interactions in semi-feral Welsh Mountain ponies. <i>Microbiome</i> , 2018, 6, 207.	4.9	72
24	Early Human Speciation, Brain Expansion and Dispersal Influenced by African Climate Pulses. <i>PLoS ONE</i> , 2013, 8, e76750.	1.1	66
25	Reply to Lukas and Clutton-Brock: Infanticide still drives primate monogamy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1675.	3.3	63
26	Primate remains from African crowned eagle ( <i>Stephanoaetus coronatus</i> ) nests in Ivory Coast's Tai Forest: Implications for primate predation and early hominid taphonomy in South Africa. <i>American Journal of Physical Anthropology</i> , 2006, 131, 151-165.	2.1	55
27	The evolutionary history of primate mating systems. <i>Communicative and Integrative Biology</i> , 2012, 5, 458-461.	0.6	55
28	Social stability in semiferal ponies: networks show interannual stability alongside seasonal flexibility. <i>Animal Behaviour</i> , 2018, 136, 175-184.	0.8	50
29	Large body and small brain and group sizes are associated with predator preferences for mammalian prey. <i>Behavioral Ecology</i> , 2010, 21, 1073-1079.	1.0	48
30	Copy-when-uncertain: bumblebees rely on social information when rewards are highly variable. <i>Biology Letters</i> , 2016, 12, 20160188.	1.0	46
31	Notes on Interactions between Monkeys and African Crowned Eagles in TaÅ National Park, Ivory Coast. <i>Folia Primatologica</i> , 2001, 72, 248-250.	0.3	43
32	Finger length ratios (2D:4D) in anthropoids implicate reduced prenatal androgens in social bonding. <i>American Journal of Physical Anthropology</i> , 2010, 141, 395-405.	2.1	43
33	Primate social group sizes exhibit a regular scaling pattern with natural attractors. <i>Biology Letters</i> , 2018, 14, 20170490.	1.0	43
34	Digit ratios predict polygyny in early apes, <i>Ardipithecus</i> , Neanderthals and early modern humans but not in <i>Australopithecus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1556-1563.	1.2	42
35	Social complexity: patterns, processes, and evolution. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	41
36	Phylogenetic reconstruction of Bantu kinship challenges Main Sequence Theory of human social evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17414-17419.	3.3	40

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37	Social complexity and the fractal structure of group size in primate social evolution. <i>Biological Reviews</i> , 2021, 96, 1889-1906.	4.7	39
38	Chimpanzee and felid diet composition is influenced by prey brain size. <i>Biology Letters</i> , 2006, 2, 505-508.	1.0	38
39	Population density, breeding chronology and diet of Crowned Eagles <i>Stephanoaetus coronatus</i> in Taï National Park, Ivory Coast. <i>Ibis</i> , 2008, 144, 135-138.	1.0	38
40	Recognition and management of ecological refugees: A case study of the Cape mountain zebra. <i>Biological Conservation</i> , 2016, 203, 207-215.	1.9	34
41	Irregular ovarian activity, body condition and behavioural differences are associated with reproductive success in female eastern black rhinoceros ( <i>Diceros bicornis michaeli</i> ). <i>General and Comparative Endocrinology</i> , 2015, 214, 186-194.	0.8	32
42	The consequences of crowned eagle central-place foraging on predation risk in monkeys. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1797-1802.	1.2	31
43	Non-invasive physiological markers demonstrate link between habitat quality, adult sex ratio and poor population growth rate in a vulnerable species, the Cape mountain zebra. <i>Functional Ecology</i> , 2018, 32, 300-312.	1.7	31
44	Direct benefits and evolutionary transitions to complex societies. <i>Nature Ecology and Evolution</i> , 2017, 1, 137.	3.4	30
45	Competition for resources can explain patterns of social and individual learning in nature. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151405.	1.2	28
46	Digit ratio (2D:4D) and dominance rank in female rhesus macaques ( <i>Macaca mulatta</i> ). <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1001-1009.	0.6	26
47	Associations between social behaviour and adrenal activity in female Barbary macaques: Consequences of study design. <i>General and Comparative Endocrinology</i> , 2013, 186, 72-79.	0.8	25
48	Making sense of information in noisy networks: Human communication, gossip, and distortion. <i>Journal of Theoretical Biology</i> , 2013, 317, 152-160.	0.8	21
49	The Protected Area Paradox and refugee species: The giant panda and baselines shifted towards conserving species in marginal habitats. <i>Conservation Science and Practice</i> , 2020, 2, e203.	0.9	19
50	Low birth rates and reproductive skew limit the viability of Europe's captive eastern black rhinoceros, <i>Diceros bicornis michaeli</i> . <i>Biodiversity and Conservation</i> , 2015, 24, 2831-2852.	1.2	17
51	Sulawesi Crested Macaque ( <i>Macaca nigra</i> ) Grooming Networks Are Robust to Perturbation While Individual Associations Are More Labile. <i>International Journal of Primatology</i> , 2020, 41, 105-128.	0.9	15
52	The Infertility Trap: The Fertility Costs of Group-Living in Mammalian Social Evolution. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	14
53	Behavioural responses of Diana monkeys to male long-distance calls: changes in ranging, association patterns and activity. <i>Behavioral Ecology and Sociobiology</i> , 2003, 53, 238-245.	0.6	13
54	Mummy's boys: sex differential maternal-offspring bonds in semi-feral horses. <i>Behaviour</i> , 2012, 149, 251-274.	0.4	13

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55	Fungal microbiomes are determined by host phylogeny and exhibit widespread associations with the bacterial microbiome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210552.	1.2	12
56	Male reproductive success is correlated with testosterone in the eastern black rhinoceros ( <i>Diceros</i> ). <i>Trends in Ecology &amp; Evolution</i> , 2021, 36, 1011-1019.	0.8	11
57	Large brains and groups associated with high rates of agonism in primates. <i>Behavioral Ecology</i> , 2017, 28, 803-810.	1.0	8
58	Female reproductive skew exacerbates the extinction risk from poaching in the eastern black rhino. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220075.	1.2	8
59	Diet of nesting African Crowned Eagles ( <i>Stephanoaetus coronatus</i> ) in emerging and forest-savanna habitats in KwaZulu-Natal, South Africa. <i>Ostrich</i> , 2016, 87, 145-153.	0.4	6
60	The social brain hypothesis: An evolutionary perspective on the neurobiology of social behaviour. <i>Evolutionary Psychology</i> , 2012, 12, 12-28.		6
61	Reply to Dixson: Infanticide triggers primate monogamy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4938.	3.3	5
62	Reproductive skew affects social information use. <i>Royal Society Open Science</i> , 2019, 6, 182084.	1.1	5
63	The evolution of signaling complexity: a comment on Sheehan and Bergman. <i>Behavioral Ecology</i> , 2016, 27, 16-17.	1.0	4
64	Confounding social and mating systems predictably lead to biased results when examining the evolution of cooperative breeding in cichlids: A response to Tanaka et al.. <i>Ethology</i> , 2019, 125, 409-414.	0.5	4
65	Fecal Glucocorticoid Metabolites as Biomarkers in Equids: Assay Choice Matters. <i>Journal of Wildlife Management</i> , 2021, 85, 1175-1186.	0.7	4
66	Untapped potential of physiology, behaviour and immune markers to predict range dynamics and marginality. <i>Ecology and Evolution</i> , 2021, 11, 16446-16461.	0.8	3
67	Reproductive males are effective at managing conflict in captive Sulawesi crested macaques ( <i>Macaca nigra</i> ). <i>American Journal of Primatology</i> , 2021, 83, e23266.	0.8	2
68	Prenatal Androgenization and Dominance Rank in Female Rhesus Macaques: Evidence from Digit Ratios (2D:4D). <i>Evolutionary Psychology</i> , 2012, 12, 131-157.		2
69	Impact of surface water extraction on water quality and ecological integrity in Arusha National Park, Tanzania. <i>African Journal of Ecology</i> , 2016, 54, 174-182.	0.4	1
70	Learning performance is influenced by the social environment in cichlid fishes.. <i>Canadian Journal of Experimental Psychology</i> , 2020, 74, 215-227.	0.7	1
71	Hominin Cognitive Evolution. <i>Evolutionary Psychology</i> , 2014, 14, 70-89.		0
72	Social Cognition and Cortical Function. <i>Evolutionary Psychology</i> , 2012, 12, 43-67.		0

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73	Learning performance is influenced by the social environment in cichlid fishes. Canadian Journal of Experimental Psychology, 2020, 74, 215-227.	0.7	0