Karin Isler

List of Publications by Year
in descending order

57	5,147	126708	155451
papers	citations	33 h-index	55 g-index

59	59	59	3816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	When ontogeny recapitulates phylogeny: Fixed neurodevelopmental sequence of manipulative skills among primates. Science Advances, 2020, 6, eabb4685.	4.7	19
2	Gross intestinal morphometry and allometry in primates. American Journal of Primatology, 2019, 81, e23035.	0.8	16
3	Gross intestinal morphometry and allometry in ruminants. Journal of Morphology, 2019, 280, 1254-1266.	0.6	12
4	Allomaternal care, brains and fertility in mammals: who cares matters. Behavioral Ecology and Sociobiology, 2019, 73, 1.	0.6	20
5	Comparative analyses of basal rate of metabolism in mammals: data selection does matter. Biological Reviews, 2018, 93, 404-438.	4.7	48
6	Decreasing reservoir water levels improve habitat quality for Asian elephants. Mammalian Biology, 2018, 88, 130-137.	0.8	8
7	Hibernation constrains brain size evolution in mammals. Journal of Evolutionary Biology, 2018, 31, 1582-1588.	0.8	28
8	Re-evaluating the link between brain size and behavioural ecology in primates. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171765.	1.2	106
9	Getting fat or getting help? How female mammals cope with energetic constraints on reproduction. Frontiers in Zoology, 2017, 14, 29.	0.9	35
10	Metabolic Acceleration in Human Evolution. Cell Metabolism, 2016, 24, 5-6.	7.2	2
11	Manipulation complexity in primates coevolved with brain size and terrestriality. Scientific Reports, 2016, 6, 24528.	1.6	76
12	Gross intestinal morphometry and allometry in Carnivora. European Journal of Wildlife Research, 2016, 62, 395-405.	0.7	26
13	Being fat and smart: A comparative analysis of the fat-brain trade-off in mammals. Journal of Human Evolution, 2016, 100, 25-34.	1.3	26
14	Life history, cognition and the evolution of complex foraging niches. Journal of Human Evolution, 2016, 92, 91-100.	1.3	37
15	Relative Brain and Brain Part Sizes Provide Only Limited Evidence that Machiavellian Behaviour in Cleaner Wrasse Is Cognitively Demanding. PLoS ONE, 2015, 10, e0135373.	1.1	10
16	Are badges of status adaptive in large complex primate groups?. Evolution and Human Behavior, 2015, 36, 398-406.	1.4	76
17	How humans evolved large brains: Comparative evidence. Evolutionary Anthropology, 2014, 23, 65-75.	1.7	97
18	Adipose Tissue in Evolution. , 2014, , 3-13.		3

#	Article	IF	Citations
19	Primate energy expenditure and life history. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1433-1437.	3.3	124
20	The evolutionary origin of human hyper-cooperation. Nature Communications, 2014, 5, 4747.	5.8	250
21	Brief Communication: Seasonality of diet composition is related to brain size in New World Monkeys. American Journal of Physical Anthropology, 2014, 154, 628-632.	2.1	34
22	Brain Size Evolution: How Fish Pay for Being Smart. Current Biology, 2013, 23, R63-R65.	1.8	15
23	Grooming and group cohesion in primates: implications for the evolution of language. Evolution and Human Behavior, 2013, 34, 61-68.	1.4	45
24	Habitat-specific shaping of proliferation and neuronal differentiation in adult hippocampal neurogenesis of wild rodents. Frontiers in Neuroscience, 2013, 7, 59.	1.4	34
25	Wild Orangutan Males Plan and Communicate Their Travel Direction One Day in Advance. PLoS ONE, 2013, 8, e74896.	1.1	37
26	Assessment of phylogenetic structure in genome size â€“ gene content correlations. Genome, 2012, 55, 391-395.	0.9	0
27	Explaining brain size variation: from social to cultural brain. Trends in Cognitive Sciences, 2012, 16, 277-284.	4.0	166
28	How Our Ancestors Broke through the Gray Ceiling. Current Anthropology, 2012, 53, S453-S465.	0.8	136
29	How to explain the unusually late age at skill competence among humans. Journal of Human Evolution, 2012, 63, 843-850.	1.3	85
30	Evolutionary Change in the Brain Size of Bats. Brain, Behavior and Evolution, 2012, 80, 15-25.	0.9	21
31	Functional adaptations in the forelimb muscles of nonâ€human great apes. Journal of Anatomy, 2012, 220, 13-28.	0.9	46
32	LARGE BRAINS BUFFER ENERGETIC EFFECTS OF SEASONAL HABITATS IN CATARRHINE PRIMATES. Evolution; International Journal of Organic Evolution, 2012, 66, 191-199.	1.1	108
33	Allomaternal care, life history and brain size evolution in mammals. Journal of Human Evolution, 2012, 63, 52-63.	1.3	167
34	Energetics and the evolution of human brain size. Nature, 2011, 480, 91-93.	13.7	395
35	Comparing adult hippocampal neurogenesis in mammalian species and orders: influence of chronological age and life history stage. European Journal of Neuroscience, 2011, 34, 978-987.	1.2	159
36	Energetic tradeâ€offs between brain size and offspring production: Marsupials confirm a general mammalian pattern. BioEssays, 2011, 33, 173-179.	1.2	38

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37	Water-Body Use by Asian elephants in Southern Sri Lanka. Tropical Conservation Science, 2010, 3, 412-422.	0.6	10
38	Effects of Seasonality on Brain Size Evolution: Evidence from Strepsirrhine Primates. American Naturalist, 2010, 176, 758-767.	1.0	108
39	The Expensive Brain: A framework for explaining evolutionary changes in brain size. Journal of Human Evolution, 2009, 57, 392-400.	1.3	373
40	Why are there so few smart mammals (but so many smart birds)?. Biology Letters, 2009, 5, 125-129.	1.0	99
41	Life history costs and benefits of encephalization: a comparative test using data from long-term studies of primates in the wild. Journal of Human Evolution, 2008, 54, 568-590.	1.3	178
42	Endocranial volumes of primate species: scaling analyses using a comprehensive and reliable data set. Journal of Human Evolution, 2008, 55, 967-978.	1.3	260
43	Female Dominance over Males in Primates: Self-Organisation and Sexual Dimorphism. PLoS ONE, 2008, 3, e2678.	1.1	69
44	Overall Brain Size, and Not Encephalization Quotient, Best Predicts Cognitive Ability across Non-Human Primates. Brain, Behavior and Evolution, 2007, 70, 115-124.	0.9	455
45	On Being Small: Brain Allometry in Ants. Brain, Behavior and Evolution, 2007, 69, 220-228.	0.9	74
46	Arboreal Locomotion in Wild Black-and-White Snub-Nosed Monkeys (Rhinopithecus bieti). Folia Primatologica, 2006, 77, 195-211.	0.3	20
47	Metabolic costs of brain size evolution. Biology Letters, 2006, 2, 557-560.	1.0	255
48	Morphological analysis of the hindlimb in apes and humans. I. Muscle architecture. Journal of Anatomy, 2006, 208, 709-724.	0.9	126
49	Morphological analysis of the hindlimb in apes and humans. II. Moment arms. Journal of Anatomy, 2006, 208, 725-742.	0.9	64
50	Inertial properties of hominoid limb segments. Journal of Anatomy, 2006, 209, 201-218.	0.9	38
51	Costs of encephalization: the energy trade-off hypothesis tested on birds. Journal of Human Evolution, 2006, 51, 228-243.	1.3	184
52	3D-kinematics of vertical climbing in hominoids. American Journal of Physical Anthropology, 2005, 126, 66-81.	2.1	166
53	Footfall Patterns, Stride Length and Speed of Vertical Climbing in Spider Monkeys (Ateles fusciceps) Tj ETQq1 1 0.784314 rgBT /Overl	0.3	59
54	Characteristics of vertical climbing in gibbons. Evolutionary Anthropology, 2003, 11, 49-52.	1.7	14

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55	Gait parameters in vertical climbing of captive, rehabilitant and wild Sumatran orang-utans (Pongo) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	52
56	Line-Fitting by Rotation: A Nonparametric Method for Bivariate Allometric Analysis. Biometrical Journal, 2002, 44, 289.	0.6	14
57	Characteristics of vertical climbing in African apes. Senckenbergiana Lethaea, 2002, 82, 115-124.	0.3	23