

Daryl Codron

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/107239/daryl-codron-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

108
papers

2,823
citations

31
h-index

50
g-index

114
ext. papers

3,252
ext. citations

3.1
avg. IF

5.03
L-index

#	Paper	IF	Citations
108	Sand accumulation in the digestive tract of rabbits (<i>Oryctolagus cuniculus</i>) and guinea pigs (<i>Cavia porcellus</i>): The role of the appendix. <i>Journal of Morphology</i> , 2022 , 283, 5-15	1.6	0
107	Macrowear effects of external quartz abrasives of different size and concentration in rabbits (<i>Oryctolagus cuniculus</i>). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2021 ,	1.8	3
106	Tooth wear, growth and height in rabbits (<i>Oryctolagus cuniculus</i>) fed pelleted or extruded diets with or without added abrasives. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021 ,	2.6	4
105	Preliminary evidence for a forestomach washing mechanism in llamas (<i>Lama glama</i>). <i>Mammalian Biology</i> , 2021 , 101, 941-948	1.6	1
104	Less need for differentiation? Intestinal length of reptiles as compared to mammals. <i>PLoS ONE</i> , 2021 , 16, e0253182	3.7	0
103	Dental microwear texture gradients in guinea pigs reveal that material properties of the diet affect chewing behaviour. <i>Journal of Experimental Biology</i> , 2021 , 224,	3	5
102	Confirmation of a wear-compensation mechanism in dental roots of ruminants. <i>Anatomical Record</i> , 2021 , 304, 425-436	2.1	7
101	Basic considerations on seasonal breeding in mammals including their testing by comparing natural habitats and zoos. <i>Mammalian Biology</i> , 2021 , 101, 373-386	1.6	2
100	Mammalian intestinal allometry, phylogeny, trophic level and climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20202888	4.4	2
99	Stable isotope evidence for mid-Pleistocene paleoenvironmental conditions at the site of Kathu Pan 1 (central interior, South Africa). <i>Quaternary International</i> , 2021 , 614, 37-37	2	1
98	Skeletal allometries in the leopard tortoise (<i>Stigmochelys pardalis</i>): Predicting chelonian body size and mass distributions in archaeozoological assemblages. <i>Quaternary International</i> , 2021 , 614, 59-59	2	0
97	Mesowear represents a lifetime signal in sheep (<i>Ovis aries</i>) within a long-term feeding experiment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 553, 109793	2.9	21
96	Chewing, dental morphology and wear in tapirs (<i>Tapirus</i> spp.) and a comparison of free-ranging and captive specimens. <i>PLoS ONE</i> , 2020 , 15, e0234826	3.7	2
95	Dental wear at macro- and microscopic scale in rabbits fed diets of different abrasiveness: A pilot investigation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 556, 109886	2.9	17
94	The uneven weight distribution between predators and prey: Comparing gut fill between terrestrial herbivores and carnivores. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020 , 243, 110683	2.6	5
93	The effect of the rumen washing mechanism in sheep differs with concentration and size of abrasive particles. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 550, 109728	2.9	10
92	'Remote' behavioural ecology: do megaherbivores consume vegetation in proportion to its presence in the landscape?. <i>PeerJ</i> , 2020 , 8, e8622	3.1	2

91	The turnover of dental microwear texture: Testing the last supper effect in small mammals in a controlled feeding experiment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 557, 109930	2.9	18
90	Chewing, dental morphology and wear in tapirs (<i>Tapirus</i> spp.) and a comparison of free-ranging and captive specimens 2020 , 15, e0234826		
89	Chewing, dental morphology and wear in tapirs (<i>Tapirus</i> spp.) and a comparison of free-ranging and captive specimens 2020 , 15, e0234826		
88	Chewing, dental morphology and wear in tapirs (<i>Tapirus</i> spp.) and a comparison of free-ranging and captive specimens 2020 , 15, e0234826		
87	Chewing, dental morphology and wear in tapirs (<i>Tapirus</i> spp.) and a comparison of free-ranging and captive specimens 2020 , 15, e0234826		
86	The rumen washes off abrasives before heavy-duty chewing in ruminants. <i>Mammalian Biology</i> , 2019 , 97, 104-111	1.6	17
85	Digesta passage in nondomestic ruminants: Separation mechanisms in 'moose-type' and 'cattle-type' species, and seemingly atypical browsers. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019 , 235, 180-192	2.6	7
84	Gross intestinal morphometry and allometry in ruminants. <i>Journal of Morphology</i> , 2019 , 280, 1254-1266	1.6	6
83	Dietary Evolution: The Panda Paradox. <i>Current Biology</i> , 2019 , 29, R417-R419	6.3	3
82	The ecomorphology of southern African rodent incisors: Potential applications to the hominin fossil record. <i>PLoS ONE</i> , 2019 , 14, e0205476	3.7	3
81	Predator size and prey size: gut capacity ratios determine kill frequency and carcass production in terrestrial carnivorous mammals. <i>Oikos</i> , 2019 , 128, 13-22	4	18
80	Structural density of the leopard tortoise (<i>Stigmochelys pardalis</i>) shell and its implications for taphonomic research. <i>Journal of Archaeological Science: Reports</i> , 2019 , 26, 101819	0.7	1
79	Seasonal and habitat effects on the nutritional properties of savanna vegetation: Potential implications for early hominin dietary ecology. <i>Journal of Human Evolution</i> , 2019 , 133, 99-107	3.1	1
78	The way wear goes: phytolith-based wear on the dentine-enamel system in guinea pigs (<i>Cavia</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20191921	4.4	15
77	Evolution of Large Mammal Herbivores in Savannas 2019 , 213-243		
76	Morphological and Physiological Adaptations for Browsing and Grazing. <i>Ecological Studies</i> , 2019 , 81-125	1.1	10
75	Influences on plant nutritional variation and their potential effects on hominin diet selection. <i>Review of Palaeobotany and Palynology</i> , 2019 , 261, 18-30	1.7	4
74	Comparative omasum anatomy in ruminants: Relationships with natural diet, digestive physiology, and general considerations on allometric investigations. <i>Journal of Morphology</i> , 2019 , 280, 259-277	1.6	7

73	Elephant body mass cyclicality suggests effect of molar progression on chewing efficiency. <i>Mammalian Biology</i> , 2019 , 96, 81-86	1.6	2
72	Grass leaves as potential hominin dietary resources. <i>Journal of Human Evolution</i> , 2018 , 117, 44-52	3.1	14
71	Bone mineral density in the leopard tortoise: Implications for inter-taxon variation and bone survivorship in an archaeozoological assemblage. <i>Quaternary International</i> , 2018 , 495, 64-78	2	2
70	Within trophic level shifts in collagen-carbonate stable carbon isotope spacing are propagated by diet and digestive physiology in large mammal herbivores. <i>Ecology and Evolution</i> , 2018 , 8, 3983-3995	2.8	19
69	Meso-Carnivore Niche Expansion in Response to an Apex Predator's Reintroduction - a Stable Isotope Approach. <i>African Journal of Wildlife Research</i> , 2018 , 48,	0.8	2
68	Growth rate and stable carbon and nitrogen isotope trophic discrimination factors of lion and leopard whiskers. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 33-47	2.2	5
67	Carnivore stable carbon isotope niches reflect predator-prey size relationships in African savannas. <i>Integrative Zoology</i> , 2018 , 13, 166-179	1.9	6
66	Dry matter and digesta particle size gradients along the goat digestive tract on grass and browse diets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017 , 101, 61-69	2.6	11
65	Intrinsic factors, adrenal gland morphology, and disease burden in captive cheetahs (<i>Acinonyx jubatus</i>) in South Africa. <i>Zoo Biology</i> , 2017 , 36, 40-49	1.6	7
64	Stable carbon isotope ecology of small mammals from the Sterkfontein Valley: Implications for habitat reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 485, 57-67	2.9	9
63	Little differences in digestive efficiency for protein and fat in mammals of different trophic guilds and digestive strategies: data constraints or fundamental functional similarity?. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017 , 101 Suppl 1, 127-141	2.6	6
62	Predator-prey interactions amongst Permo-Triassic terrestrial vertebrates as a deterministic factor influencing faunal collapse and turnover. <i>Journal of Evolutionary Biology</i> , 2017 , 30, 40-54	2.3	13
61	Within-Population Isotopic Niche Variability in Savanna Mammals: Disparity between Carnivores and Herbivores. <i>Frontiers in Ecology and Evolution</i> , 2016 , 4,	3.7	15
60	Breeding Young as a Survival Strategy during Earth's Greatest Mass Extinction. <i>Scientific Reports</i> , 2016 , 6, 24053	4.9	37
59	Isotopic niche structure of a mammalian herbivore assemblage from a West African savanna: Body mass and seasonality effect. <i>Mammalian Biology</i> , 2016 , 81, 644-650	1.6	7
58	Small mammal insectivore stable carbon isotope compositions as habitat proxies in a South African savanna ecosystem. <i>Journal of Archaeological Science: Reports</i> , 2016 , 8, 335-345	0.7	5
57	Tooth length and incisal wear and growth in guinea pigs (<i>Cavia porcellus</i>) fed diets of different abrasiveness. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015 , 99, 591-604	2.6	44
56	Stable isotope evidence for trophic niche partitioning in a South African savanna rodent community. <i>Environmental Epigenetics</i> , 2015 , 61, 397-411	2.4	23

55	Diet and diet-related disorders in captive ruminants at the national zoological gardens of South Africa. <i>Zoo Biology</i> , 2014 , 33, 426-32	1.6	10
54	Body condition and ruminal morphology responses of free-ranging impala (<i>Aepyceros melampus</i>) to changes in diet. <i>European Journal of Wildlife Research</i> , 2014 , 60, 599-612	2	9
53	Low scaling of a life history variable: Analysing eutherian gestation periods with and without phylogeny-informed statistics. <i>Mammalian Biology</i> , 2014 , 79, 9-16	1.6	34
52	Tooth wear in captive rhinoceroses (<i>Diceros</i> , <i>Rhinoceros</i> , <i>Ceratotherium</i> : <i>Perissodactyla</i>) differs from that of free-ranging conspecifics. <i>Contributions To Zoology</i> , 2014 , 83, 107-51	1.6	15
51	Geometric factors influencing the diet of vertebrate predators in marine and terrestrial environments. <i>Ecology Letters</i> , 2014 , 17, 1553-9	10	25
50	Growth and wear of incisor and cheek teeth in domestic rabbits (<i>Oryctolagus cuniculus</i>) fed diets of different abrasiveness. <i>Journal of Experimental Zoology</i> , 2014 , 321, 283-98		70
49	Hypsodonty and tooth facet development in relation to diet and habitat in herbivorous ungulates: implications for understanding tooth wear. <i>Mammal Review</i> , 2013 , 43, 34-46	5	117
48	Forestomach pH in hunted roe deer (<i>Capreolus capreolus</i>) in relation to forestomach region, time of measurement and supplemental feeding and comparison among wild ruminant species. <i>European Journal of Wildlife Research</i> , 2013 , 59, 505-517	2	8
47	Plant stable isotope composition across habitat gradients in a semi-arid savanna: implications for environmental reconstruction. <i>Journal of Quaternary Science</i> , 2013 , 28, 301-310	2.3	22
46	Comparison of fluid types for resuscitation in acute hemorrhagic shock and evaluation of gastric luminal and transcutaneous Pco ₂ in Leghorn chickens. <i>Journal of Avian Medicine and Surgery</i> , 2013 , 27, 109-19		4
45	Assessing the Jarman-Bell Principle: Scaling of intake, digestibility, retention time and gut fill with body mass in mammalian herbivores. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013 , 164, 129-40	2.6	135
44	Stable isotope turnover and variability in tail hairs of captive and free-ranging African elephants (<i>Loxodonta africana</i>) reveal dietary niche differences within populations. <i>Canadian Journal of Zoology</i> , 2013 , 91, 124-134	1.5	19
43	Rumination of different-sized particles in muskoxen (<i>Ovibos moschatus</i>) and moose (<i>Alces alces</i>) on grass and browse diets, and implications for rumination in different ruminant feeding types. <i>Mammalian Biology</i> , 2013 , 78, 142-152	1.6	20
42	Bergmann's rule in mammals: a cross-species interspecific pattern. <i>Oikos</i> , 2013 , 122, no-no	4	20
41	Source References and the Scientist's Mind-Map: Harvard vs. Vancouver Style. <i>Journal of Scholarly Publishing</i> , 2013 , 44, 274-282	0.3	2
40	Ecological modelling, size distributions and taphonomic size bias in dinosaur faunas: reply to Brown et al. <i>Biology Letters</i> , 2013 , 9, 20120922	3.6	5
39	A Brief Update on Developments in Early Hominin Biogeochemistry. <i>ACS Symposium Series</i> , 2013 , 295-307.4		
38	Detecting inter-cusp and inter-tooth wear patterns in rhinocerotids. <i>PLoS ONE</i> , 2013 , 8, e80921	3.7	31

37	Herbivory and body size: allometries of diet quality and gastrointestinal physiology, and implications for herbivore ecology and dinosaur gigantism. <i>PLoS ONE</i> , 2013 , 8, e68714	3.7	112
36	Ecological interactions in dinosaur communities: influences of small offspring and complex ontogenetic life histories. <i>PLoS ONE</i> , 2013 , 8, e77110	3.7	20
35	Tracking the fate of digesta 13C and 15N compositions along the ruminant gastrointestinal tract: Does digestion influence the relationship between diet and faeces?. <i>European Journal of Wildlife Research</i> , 2012 , 58, 303-313	2	19
34	Reproductive seasonality in captive wild ruminants: implications for biogeographical adaptation, photoperiodic control, and life history. <i>Biological Reviews</i> , 2012 , 87, 965-90	13.5	54
33	The confounding effects of source isotopic heterogeneity on consumer-diet and tissue-tissue stable isotope relationships. <i>Oecologia</i> , 2012 , 169, 939-53	2.9	31
32	Ontogenetic niche shifts in dinosaurs influenced size, diversity and extinction in terrestrial vertebrates. <i>Biology Letters</i> , 2012 , 8, 620-3	3.6	34
31	Dichotomy of eutherian reproduction and metabolism. <i>Oikos</i> , 2012 , 121, 102-115	4	34
30	Stable isotope series from elephant ivory reveal lifetime histories of a true dietary generalist. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 2433-41	4.4	38
29	Fluid and particle passage in three duiker species. <i>European Journal of Wildlife Research</i> , 2011 , 57, 143-148		11
28	Water intake in domestic rabbits (<i>Oryctolagus cuniculus</i>) from open dishes and nipple drinkers under different water and feeding regimes. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2011 , 95, 499-511	2.6	22
27	Strontium isotope evidence for landscape use by early hominins. <i>Nature</i> , 2011 , 474, 76-8	50.4	148
26	Phylogenetic constraints on digesta separation: Variation in fluid throughput in the digestive tract in mammalian herbivores. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011 , 160, 207-20	2.6	49
25	Fecal Glucocorticoid Measurements and Their Relation to Rearing, Behavior, and Environmental Factors in the Population of Pileated Gibbons (<i>Hylobates pileatus</i>) Held in European Zoos. <i>International Journal of Primatology</i> , 2011 , 32, 1161-1178	2	24
24	Landscape-scale feeding patterns of African elephant inferred from carbon isotope analysis of feces. <i>Oecologia</i> , 2011 , 165, 89-99	2.9	45
23	The effect of size and density on the mean retention time of particles in the reticulorumen of cattle (<i>Bos primigenius</i> f. <i>taurus</i>), muskoxen (<i>Ovibos moschatus</i>) and moose (<i>Alces alces</i>). <i>British Journal of Nutrition</i> , 2011 , 105, 634-44	3.6	33
22	When animals are not quite what they eat: diet digestibility influences 13C-incorporation rates and apparent discrimination in a mixed-feeding herbivore. <i>Canadian Journal of Zoology</i> , 2011 , 89, 453-465	1.5	38
21	Another one bites the dust: faecal silica levels in large herbivores correlate with high-crowned teeth. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 1742-7	4.4	69
20	Preference of rabbits for drinking from open dishes versus nipple drinkers. <i>Veterinary Record</i> , 2011 , 168, 190	0.9	18

19	A long life among ruminants: giraffids and other special cases. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2011 , 153, 515-9	1.1	7
18	Rumen physiology constrains diet niche: linking digestive physiology and food selection across wild ruminant species. <i>Canadian Journal of Zoology</i> , 2010 , 88, 1129-1138	1.5	50
17	Using carbon isotopes to track dietary change in modern, historical, and ancient primates. <i>American Journal of Physical Anthropology</i> , 2009 , 140, 661-70	2.5	41
16	Stable isotope evidence for impala <i>Aepyceros melampus</i> diets at Akagera National Park, Rwanda. <i>African Journal of Ecology</i> , 2009 , 47, 490-501	0.8	12
15	Stable isotope evidence for nutritional stress, competition, and loss of functional habitat as factors limiting recovery of rare antelope in southern Africa. <i>Journal of Arid Environments</i> , 2009 , 73, 449-457	2.5	10
14	Reliability of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ in faeces for reconstructing savanna herbivore diet. <i>Mammalian Biology</i> , 2009 , 74, 36-48	1.6	40
13	Functional differentiation of African grazing ruminants: an example of specialized adaptations to very small changes in diet. <i>Biological Journal of the Linnean Society</i> , 2008 , 94, 755-764	1.9	42
12	The evolution of ecological specialization in southern African ungulates: competition- or physical environmental turnover?. <i>Oikos</i> , 2008 , 117, 344-353	4	63
11	What Insights Can Baboon Feeding Ecology Provide for Early Hominin Niche Differentiation?. <i>International Journal of Primatology</i> , 2008 , 29, 757-772	2	57
10	Significance of diet type and diet quality for ecological diversity of African ungulates. <i>Journal of Animal Ecology</i> , 2007 , 76, 526-37	4.7	80
9	Trophic ecology of two savanna grazers, blue wildebeest <i>Connochaetes taurinus</i> and black wildebeest <i>Connochaetes gnou</i> . <i>European Journal of Wildlife Research</i> , 2007 , 53, 90-99	2	21
8	Nutritional content of savanna plant foods: implications for browser/grazer models of ungulate diversification. <i>European Journal of Wildlife Research</i> , 2007 , 53, 100-111	2	71
7	Stable isotope characterization of mammalian predator-prey relationships in a South African savanna. <i>European Journal of Wildlife Research</i> , 2007 , 53, 161-170	2	75
6	Stable carbon isotope reconstruction of ungulate diet changes through the seasonal cycle. <i>South African Journal of Wildlife Research</i> , 2007 , 37, 117-125		31
5	Inter- and intrahabitat dietary variability of chacma baboons (<i>Papio ursinus</i>) in South African savannas based on fecal $\delta^{13}\text{C}$, $\delta^{15}\text{N}$, and %N. <i>American Journal of Physical Anthropology</i> , 2006 , 129, 204-14	2.5	81
4	ELEPHANT (<i>LOXODONTA AFRICANA</i>) DIETS IN KRUGER NATIONAL PARK, SOUTH AFRICA: SPATIAL AND LANDSCAPE DIFFERENCES. <i>Journal of Mammalogy</i> , 2006 , 87, 27-34	1.8	84
3	Taxonomic, anatomical, and spatio-temporal variations in the stable carbon and nitrogen isotopic compositions of plants from an African savanna. <i>Journal of Archaeological Science</i> , 2005 , 32, 1757-1772	2.9	140
2	Hominins, sedges, and termites: new carbon isotope data from the Sterkfontein valley and Kruger National Park. <i>Journal of Human Evolution</i> , 2005 , 48, 301-12	3.1	153

- 1 Leopard tortoise *Stigmochelys pardalis* (Bell, 1928) mortality caused by electrified fences in central South Africa and its impact on tortoise demography. *African Journal of Herpetology*,1-21 0.6 1