

Heike Lutermann

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,370
citations

471509

17
h-index

361022

35
g-index

62
all docs

62
docs citations

62
times ranked

1950
citing authors

#	ARTICLE	IF	CITATIONS
1	Parasite-Mediated Mate Preferences in a Cooperatively Breeding Rodent. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	3
2	Socializing in an Infectious World: The Role of Parasites in Social Evolution of a Unique Rodent Family. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	0
3	Morphological and Molecular Characterization of the Plague Vector <i>Xenopsylla brasiliensis</i> . <i>Journal of Parasitology</i> , 2021, 107, 289-294.	0.7	1
4	The effect of cattle-administered ivermectin and fipronil on the mortality and fecundity of <i>Anopheles arabiensis</i> Patton. <i>Parasites and Vectors</i> , 2021, 14, 349.	2.5	9
5	Repeatability of daily profiles of baseline glucocorticoid metabolites measured in the urine and faeces of eastern rock sengis (<i>Elephantulus myurus</i>). <i>General and Comparative Endocrinology</i> , 2021, 312, 113857.	1.8	1
6	Space use and the evolution of social monogamy in eastern rock sengis. <i>Ethology</i> , 2020, 126, 393-402.	1.1	4
7	Sex and dose-dependent responses of urinary and faecal glucocorticoid metabolite concentrations following an ACTH challenge in eastern rock sengis (<i>Elephantulus myurus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 245, 110696.	1.8	3
8	Surveys and Literature Review of Parasites among African Mole-Rats: Proposing Hypotheses for the Roles of Geography, Ecology, and Host Phylogenetic Relatedness in Parasite Sharing. <i>Journal of Parasitology</i> , 2020, 106, 38.	0.7	1
9	Surveys and Literature Review of Parasites among African Mole-Rats: Proposing Hypotheses for the Roles of Geography, Ecology, and Host Phylogenetic Relatedness in Parasite Sharing. <i>Journal of Parasitology</i> , 2020, 106, 38-45.	0.7	0
10	Rapid molecular evolution of pain insensitivity in multiple African rodents. <i>Science</i> , 2019, 364, 852-859.	12.6	57
11	An empirical estimate of the generation time of mouse lemurs. <i>American Journal of Primatology</i> , 2019, 81, e23062.	1.7	16
12	Sex-Biased Parasitism. , 2019, , 732-738.		2
13	First Report of Gastrointestinal Parasites from Ansell's Mole-Rat (<i>Fukomys anelli</i>) in Zambia. <i>Journal of Parasitology</i> , 2018, 104, 566-570.	0.7	4
14	Non-invasive assessment of glucocorticoid and androgen metabolite levels in cooperatively breeding Damaraland mole-rats (<i>Fukomys damarensis</i>). <i>General and Comparative Endocrinology</i> , 2018, 266, 202-210.	1.8	16
15	Fructose-driven glycolysis supports anoxia resistance in the naked mole-rat. <i>Science</i> , 2017, 356, 307-311.	12.6	503
16	A new ascaridid nematode, <i>Mammalakis zambiensis</i> n. sp. (Heterakoidea: Kiwinematidae), from the mole rat <i>Fukomys anelli</i> (Burda, Zima, Scharff, MacholÄjn & Kawalika) (Rodentia: Bathyergidae) in Zambia. <i>Systematic Parasitology</i> , 2017, 94, 557-566.	1.1	4
17	Characterization of 14 polymorphic microsatellite loci developed for an Afrotherian species endemic to southern Africa, <i>Elephantulus myurus</i> (Macroscelidea: Macroscelididae). <i>Applied Entomology and Zoology</i> , 2017, 52, 139-145.	1.2	1
18	The Distribution of Gastrointestinal Parasites in Two Populations of Common Mole-Rats (<i>Cryptomys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	6

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19	Genotyping and comparative pathology of <i>Spirocerca</i> in black-backed jackals (<i>Canis mesomelas</i>) in South Africa. <i>BMC Veterinary Research</i> , 2017, 13, 245.	1.9	10
20	Living on the edge: Daily, seasonal and annual body temperature patterns of Arabian oryx in Saudi Arabia. <i>PLoS ONE</i> , 2017, 12, e0180269.	2.5	7
21	Evidence for interspecific interactions in the ectoparasite infracommunity of a wild mammal. <i>Parasites and Vectors</i> , 2016, 9, 58.	2.5	19
22	Digging for answers: contributions of density- and frequency-dependent factors on ectoparasite burden in a social mammal. <i>Oecologia</i> , 2016, 180, 429-438.	2.0	9
23	Seasonal reproduction in the Arabian spiny mouse, <i>Acomys dimidiatus</i> (Rodentia: Muridae) from Saudi Arabia: The role of rainfall and temperature. <i>Journal of Arid Environments</i> , 2016, 124, 352-359.	2.4	23
24	Complex interactions within the ectoparasite community of the eastern rock sengi (<i>Elephantulus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	14
25	Endoparasites of the Eastern Rock Sengi (<i>Elephantulus myurus</i>) from South Africa. <i>Journal of Parasitology</i> , 2015, 101, 677-681.	0.7	2
26	Ectoparasite diversity in the eastern rock sengis (<i>Elephantulus myurus</i>): the effect of seasonality and host sex. <i>African Zoology</i> , 2015, 50, 109-117.	0.4	19
27	Ectoparasite Burdens of the Damaraland Mole-Rat (<i>Fukomys damarensis</i>) from Southern Africa. <i>Journal of Parasitology</i> , 2015, 101, 666-670.	0.7	9
28	Reproductive patterns in the Baluchistan gerbil, <i>Gerbillus nanus</i> (Rodentia: Muridae), from western Saudi Arabia: The role of rainfall and temperature. <i>Journal of Arid Environments</i> , 2015, 113, 87-94.	2.4	17
29	Endoparasites of the Spiny Mouse (<i>Acomys spinosissimus</i>) from South Africa. <i>Journal of Parasitology</i> , 2014, 100, 144-146.	0.7	2
30	Sex ratio variation in a eusocial mammal, the Damaraland mole-rat, <i>Fukomys damarensis</i> . <i>Journal of Zoology</i> , 2014, 294, 139-145.	1.7	3
31	Ectoparasite Burdens of the Common Mole-Rat (<i>Cryptomys hottentotus hottentotus</i>) From the Cape Provinces of South Africa. <i>Journal of Parasitology</i> , 2014, 100, 79-84.	0.7	19
32	The Namaqua rock mouse (<i>Micaelamys namaquensis</i>) as a potential reservoir and host of arthropod vectors of diseases of medical and veterinary importance in South Africa. <i>Parasites and Vectors</i> , 2014, 7, 366.	2.5	22
33	Breeding status and social environment differentially affect the expression of sex steroid receptor and aromatase mRNA in the brain of female Damaraland mole-rats. <i>Frontiers in Zoology</i> , 2014, 11, 38.	2.0	18
34	Mini-series: social evolution. <i>Journal of Zoology</i> , 2013, 291, 1-2.	1.7	2
35	Reproductive status and testosterone among females in cooperative mole-rat societies. <i>General and Comparative Endocrinology</i> , 2013, 187, 60-65.	1.8	25
36	Energetic Benefits of Sociality Offset the Costs of Parasitism in a Cooperative Mammal. <i>PLoS ONE</i> , 2013, 8, e57969.	2.5	24

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37	Possible modulatory effects of male cues and social system on luteinizing hormone and pituitary sensitivity in two African mole-rats. <i>African Zoology</i> , 2012, 47, 80-84.	0.4	0
38	<i>Monanema joopin</i> . sp. (Nematoda, Onchocercidae) from <i>Acomys (Acomys) spinosissimus</i> Peters, 1852 (Muridae) in South Africa, with comments on the filarial genus. <i>Parasite</i> , 2012, 19, 331-340.	2.0	3
39	Possible Modulatory Effects of Male Cues and Social System on Luteinizing Hormone and Pituitary Sensitivity in Two African Mole-Rats. <i>African Zoology</i> , 2012, 47, 80-84.	0.4	0
40	Determinants of Helminth Infection in a Subterranean Rodent, the Cape Dune Mole-Rat (<i>Bathyergus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 8	0.7	8
41	Natural hosts of the larvae of <i>Nuttalliella</i> sp. (<i>N. namaqua</i> ?) (Acari:) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 14	1.2	14
42	Abiotic and biotic determinants of tick burdens in the eastern rock sengi (<i>Elephantulus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	1.5	14
43	Role of dung beetle feeding mechanisms in limiting the suitability of species as hosts for the nematode <i>Spirocerca lupi</i> . <i>Medical and Veterinary Entomology</i> , 2012, 26, 455-457.	1.5	7
44	Effects of life-history traits on parasitism in a monogamous mammal, the eastern rock sengi (<i>Elephantulus myurus</i>). <i>Die Naturwissenschaften</i> , 2012, 99, 103-110.	1.6	13
45	Natural Parasite Infection Affects the Tolerance but Not the Response to a Simulated Secondary Parasite Infection. <i>PLoS ONE</i> , 2012, 7, e52077.	2.5	13
46	Ticks of four-toed elephant shrews and Southern African hedgehogs. <i>Onderstepoort Journal of Veterinary Research</i> , 2011, 78, 243.	1.2	11
47	The Role of Host Traits, Season and Group Size on Parasite Burdens in a Cooperative Mammal. <i>PLoS ONE</i> , 2011, 6, e27003.	2.5	43
48	Life-history traits, but not season, affect the febrile response to a lipopolysaccharide challenge in highveld mole-rats. <i>Journal of Zoology</i> , 2011, 285, 222-229.	1.7	5
49	Resting and nesting in a small mammal: sleeping sites as a limiting resource for female grey mouse lemurs. <i>Animal Behaviour</i> , 2010, 79, 1211-1219.	1.9	53
50	The pattern of ovulation in Ansell's mole-rat: phylogenetic or ecological constraints?. <i>Journal of Zoology</i> , 2010, 281, 66-73.	1.7	7
51	Control of ovulation in female giant mole-rats (<i>Fukomys mechowii</i>) (Rodentia: Bathyergidae), and phylogenetic trends within the family. <i>Journal of Zoology</i> , 2010, 282, 64-74.	1.7	15
52	Effects of life-history traits on parasite load in grey squirrels. <i>Journal of Zoology</i> , 2010, 282, 246-255.	1.7	35
53	Physiological suppression eases in Damaraland mole-rat societies when ecological constraints on dispersal are relaxed. <i>Hormones and Behavior</i> , 2010, 57, 177-183.	2.1	36
54	Spatial learning and memory in African mole-rats: The role of sociality and sex. <i>Physiology and Behavior</i> , 2009, 96, 128-134.	2.1	26

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55	Hibernation and non-shivering thermogenesis in the Hottentot golden mole (<i>Amblysomus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Environmental Physiology, 2008, 178, 887-897.	1.5	28
56	Strong immune function: a benefit promoting the evolution of sociality?. Journal of Zoology, 2008, 275, 26-32.	1.7	14
57	Reproductive suppression and the seasonality of reproduction in the social Natal mole-rat (<i>Cryptomys</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.8	21
58	The role of survival for the evolution of female philopatry in a solitary forager, the grey mouse lemur (<i>Microcebus murinus</i>). Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2527-2533.	2.6	57
59	Patterns and dynamics of sex-biased dispersal in a nocturnal primate, the grey mouse lemur, <i>Microcebus murinus</i> . Animal Behaviour, 2003, 65, 709-719.	1.9	75
60	A mathematical model for the cannabis epidemic in a South African province with a non-linear incidence rate. Journal of Statistics and Management Systems, 0, , 1-21.	0.6	0