Maria K Oosthuizen

List of Publications by Year
in descending order

67	974	471509 17	526287 27
papers	citations	h-index	g-index

68	68	68	674
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clocks Ticking in the Dark: A Review of Biological Rhythms in Subterranean African Mole-Rats. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	10
2	Long bone histomorphogenesis of the naked moleâ€rat: Histodiversity and intraspecific variation. Journal of Anatomy, 2021, 238, 1259-1283.	1.5	13
3	Bone remodeling in the longest living rodent, the naked moleâ€rat: Interelement variation and the effects of reproduction. Journal of Anatomy, 2021, 239, 81-100.	1.5	11
4	Laterality in the Cape mole-rat, Georychus capensis. Behavioural Processes, 2021, 185, 104346.	1.1	3
5	Oxidative stress in response to heat stress in wild caught Namaqua rock mice, Micaelamys namaquensis. Journal of Thermal Biology, 2021, 98, 102958.	2.5	5
6	Flexibility in body temperature rhythms of free-living natal mole-rats (Cryptomys hottentotus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	2.5	7
7	Ambient Temperature as a StrongZeitgeberof Circadian Rhythms in Response to Temperature Sensitivity and Poor Heat Dissipation Abilities in Subterranean African Mole-Rats. Journal of Biological Rhythms, 2021, 36, 461-469.	2.6	13
8	Physiological rhythms are influenced by photophase wavelength in a nocturnal and a diurnal rodent species from South Africa. Physiology and Behavior, 2021, 240, 113551.	2.1	0
9	Locomotor activity in field captured crepuscular four-striped field mice, Rhabdomys dilectus and nocturnal Namaqua rock mice, Micaelamys namaquensis during a simulated heat wave. Journal of Thermal Biology, 2020, 87, 102479.	2.5	7
10	Risk assessment in the plateau pika (Ochotona curzoniae): intensity of behavioral response differs with predator species. BMC Ecology, 2020, 20, 41.	3.0	7
11	Effect of colony disruption and social isolation on naked mole-rat endocrine correlates. General and Comparative Endocrinology, 2020, 295, 113520.	1.8	19
12	The effect of varying laboratory conditions on the locomotor activity of the nocturnal Namaqua rock mouse (Micaelamys namaquensis) and the diurnal Four-striped grass mouse (Rhabdomys dilectus). Zoology, 2020, 141, 125804.	1.2	4
13	A comparison of density estimation methods in plateau pika populations in an alpine meadow ecosystem. Journal of Mammalogy, 2020, 101, 1091-1096.	1.3	11
14	Exploratory behaviour, memory and neurogenesis in the social Damaraland mole-rat (Fukomys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.7	5
15	Temporal flexibility in activity rhythms of a diurnal rodent, the ice rat (Otomys sloggetti). Chronobiology International, 2020, 37, 824-835.	2.0	3
16	Heat and dehydration induced oxidative damage and antioxidant defenses following incubator heat stress and a simulated heat wave in wild caught four-striped field mice Rhabdomys dilectus. PLoS ONE, 2020, 15, e0242279.	2.5	21
17	Title is missing!. , 2020, 15, e0242279.		0
18	Title is missing!. , 2020, 15, e0242279.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 15, e0242279.		0
20	Title is missing!. , 2020, 15, e0242279.		0
21	Title is missing!. , 2020, 15, e0242279.		0
22	Title is missing!. , 2020, 15, e0242279.		0
23	Effects of the colour of photophase light on locomotor activity in a nocturnal and a diurnal South African rodent. Biology Letters, 2019, 15, 20190597.	2.3	4
24	Locomotor activity and body temperature rhythms in the Mahali mole-rat (C. h. mahali): The effect of light and ambient temperature variations. Journal of Thermal Biology, 2019, 79, 24-32.	2.5	25
25	Analysis of gonadotrophinâ€releasing hormoneâ€1 and kisspeptin neuronal systems in the nonphotoregulated seasonally breeding eastern rock elephantâ€shrew (Elephantulus myurus). Journal of Comparative Neurology, 2018, 526, 2388-2405.	1.6	3
26	Specialized mechanoreceptor systems in rodent glabrous skin. Journal of Physiology, 2018, 596, 4995-5016.	2.9	66
27	The topography of rods, cones and intrinsically photosensitive retinal ganglion cells in the retinas of a nocturnal (Micaelamys namaquensis) and a diurnal (Rhabdomys pumilio) rodent. PLoS ONE, 2018, 13, e0202106.	2.5	18
28	Effects of photophase illuminance on locomotor activity, urine production and urinary 6-sulfatoxymelatonin in nocturnal and diurnal South African rodents. Journal of Experimental Biology, 2017, 220, 1684-1692.	1.7	7
29	From Mice to Mole-Rats: Species-Specific Modulation of Adult Hippocampal Neurogenesis. Frontiers in Neuroscience, 2017, 11, 602.	2.8	8
30	Locomotor Activity and Body Temperature Patterns over a Temperature Gradient in the Highveld Mole-Rat (Cryptomys hottentotus pretoriae). PLoS ONE, 2017, 12, e0169644.	2.5	18
31	Trading new neurons for status: Adult hippocampal neurogenesis in eusocial Damaraland mole-rats. Neuroscience, 2016, 324, 227-237.	2.3	12
32	Sociality and the telencephalic distribution of corticotrophinâ€releasing factor, urocortin 3, and binding sites for CRF type 1 and type 2 receptors: A comparative study of eusocial naked moleâ€rats and solitary Cape moleâ€rats. Journal of Comparative Neurology, 2015, 523, 2344-2371.	1.6	18
33	The effect of ambient temperature on locomotor activity patterns in reproductive and nonâ€reproductive female <scp>D</scp>amaraland moleâ€rats. Journal of Zoology, 2015, 297, 1-8.	1.7	20
34	Locomotor activity in the Namaqua rock mouse (Micaelamys namaquensis): entrainment by light manipulations. Canadian Journal of Zoology, 2014, 92, 1083-1091.	1.0	13
35	Down in the Wadi: The locomotory activity rhythm of the Arabian spiny mouse, Acomys dimidiatus from the Arabian Peninsula. Journal of Arid Environments, 2014, 102, 50-57.	2.4	6
36	Now you see me, now you donâ€™t: The locomotory activity rhythm of the Asian garden dormouse (Eliomys melanurus) from Saudi Arabia. Mammalian Biology, 2014, 79, 195-201.	1.5	2

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37	Adult neurogenesis and its anatomical context in the hippocampus of three mole-rat species. Frontiers in Neuroanatomy, 2014, 8, 39.	1.7	35
38	Locomotor activity patterns of captive East African root rats,Tachyoryctes splendens(Rodentia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.3	5
39	A tale of two jirds: The locomotory activity patterns of the King jird (Meriones rex) and Lybian jird (Meriones lybicus) from Saudi Arabia. Journal of Arid Environments, 2013, 88, 102-112.	2.4	10
40	Effects of Laboratory Housing on Exploratory Behaviour, Novelty Discrimination and Spatial Reference Memory in a Subterranean, Solitary Rodent, the Cape Mole-Rat (Georychus capensis). PLoS ONE, 2013, 8, e75863.	2.5	16
41	The locomotory activity rhythm of the spiny mouse, <scp>A</scp>comys spinosissimus from southern <scp>A</scp>frica: light entrainment and endogenous circadian rhythms. Journal of Zoology, 2012, 288, 93-102.	1.7	8
42	Circadian rhythms of locomotor activity in captive eastern rock sengi. Journal of Zoology, 2012, 286, 250-257.	1.7	5
43	Lights Out, Let's Move About: Locomotory Activity Patterns of Wagner's Gerbil from the Desert of Saudi Arabia. African Zoology, 2012, 47, 195-202.	0.4	7
44	Orexinergic neuron numbers in three species of African mole rats with rhythmic and arrhythmic chronotypes. Neuroscience, 2011, 199, 153-165.	2.3	10
45	Body Temperature Patterns and Rhythmicity in Free-Ranging Subterranean Damaraland Mole-Rats, Fukomys damarensis. PLoS ONE, 2011, 6, e26346.	2.5	26
46	Circadian rhythms of locomotor activity in the reddishâ€grey musk shrew (Eulipotyphla: Soricidae) from South Africa. Journal of Zoology, 2011, 284, 124-132.	1.7	4
47	Sleep and Wake in Rhythmic versus Arrhythmic Chronotypes of a Microphthalmic Species of African Mole Rat (Fukomys mechowii). Brain, Behavior and Evolution, 2011, 78, 162-183.	1.7	6
48	Telencephalic binding sites for oxytocin and social organization: A comparative study of eusocial naked moleâ€rats and solitary cape moleâ€rats. Journal of Comparative Neurology, 2010, 518, 1792-1813.	1.6	66
49	PHOTIC INDUCTION OF Fos IN THE SUPRACHIASMATIC NUCLEUS OF AFRICAN MOLE-RATS: RESPONSES TO INCREASING IRRADIANCE. Chronobiology International, 2010, 27, 1532-1545.	2.0	10
50	Effects of season and social status on gonadal function in social Natal mole-rats. Journal of Mammalogy, 2010, 91, 429-436.	1.3	3
51	Physiological suppression eases in Damaraland mole-rat societies when ecological constraints on dispersal are relaxed. Hormones and Behavior, 2010, 57, 177-183.	2.1	36
52	Seasonal Variation in Gonadal Steroids of Males and Females in the Cape Mole-Rat (Georychus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	4
53	Seasonal variation in gonadal steroids of males and females in the Cape mole-rat (Georychus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	4
54	Circadian rhythms of locomotor activity in Ansell's mole-rat: are mole-rat's clocks ticking?. Journal of Zoology, 2008, 276, 343-349.	1.7	25

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55	Reproductive suppression and the seasonality of reproduction in the social Natal mole-rat (Cryptomys) Tj ETQq1 1 0.784314 rgBT /Ov	1.8	28
56	An immunohistochemical study of the gonadotrophin-releasing hormone 1 system in solitary Cape mole-rats, Georychus capensis, and social Natal mole-rats, Cryptomys hottentotus natalensis. Neuroscience, 2008, 157, 164-173.	2.3	10
57	Neuroanatomical investigation of the gonadotrophin-releasing hormone 1 system in the seasonally breeding Cape dune mole-rat, Bathyergus suillus. Brain Research Bulletin, 2008, 77, 185-188.	3.0	7
58	LH responses to single doses of exogenous GnRH in the Cape mole rat (Georychus capensis): the pituitary potential for opportunistic breeding. Journal of Zoology, 2007, 271, 198-202.	1.7	13
59	Circadian rhythms of locomotor activity in the Lesotho mole-rat, Cryptomys hottentotus subspecies from Sani Pass, South Africa. Physiology and Behavior, 2006, 89, 205-212.	2.1	22
60	Energetics reveals physiologically distinct castes in a eusocial mammal. Nature, 2006, 440, 795-797.	27.8	74
61	Circadian rhythms of locomotor activity in the subterranean Mashona mole rat, Cryptomys darlingi. Physiology and Behavior, 2005, 84, 181-191.	2.1	24
62	Seasonal energetics of the Hottentot golden mole at 1500 m altitude. Physiology and Behavior, 2005, 84, 739-745.	2.1	20
63	Fos expression in the suprachiasmatic nucleus in response to light stimulation in a solitary and social species of African mole-rat (family Bathyergidae). Neuroscience, 2005, 133, 555-560.	2.3	12
64	The chronobiology of the Natal mole-rat, Cryptomys hottentotus natalensis. Physiology and Behavior, 2004, 82, 563-569.	2.1	36
65	Circadian Rhythms of Locomotor Activity in Solitary and Social Species of African Mole-Rats (Family:) Tj ETQq1 1 0.784314 rgBT /Over	2.6	87
66	Circadian rhythms of locomotor activity in captive Eminâ€™s mole-rats,Heliophobius emini(Rodentia: Bathyergidae). Journal of Mammalogy, 0, , gyw166.	1.3	2
67	Energetics and Water Flux in the Subterranean Rodent Family Bathyergidae. Frontiers in Ecology and Evolution, 0, 10, .	2.2	7