

# Christopher Faulkes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4898946/publications.pdf>

Version: 2024-02-01

31  
papers

1,222  
citations

471509

17  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1368  
citing authors

#	ARTICLE	IF	CITATIONS
1	A dispersive morph in the naked mole-rat. <i>Nature</i> , 1996, 380, 619-621.	27.8	284
2	RNA Sequencing Reveals Differential Expression of Mitochondrial and Oxidation Reduction Genes in the Long-Lived Naked Mole-Rat When Compared to Mice. <i>PLoS ONE</i> , 2011, 6, e26729.	2.5	91
3	Plasticity and constraints on social evolution in African mole-rats: ultimate and proximate factors. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120347.	4.0	80
4	Ageing-associated DNA methylation dynamics are a molecular readout of lifespan variation among mammalian species. <i>Genome Biology</i> , 2018, 19, 22.	8.8	62
5	The naked truth: a comprehensive clarification and classification of current "myths"™ in naked mole-rat biology. <i>Biological Reviews</i> , 2022, 97, 115-140.	10.4	62
6	Digital dissection of the masticatory muscles of the naked mole-rat, <i>Heterocephalus glaber</i> (Mammalia, Rodentia). <i>PeerJ</i> , 2014, 2, e448.	2.0	61
7	Fractal dimension of African mole-rat burrows. <i>Canadian Journal of Zoology</i> , 2002, 80, 436-441.	1.0	53
8	Socially Induced Infertility, Incest Avoidance and the Monopoly of Reproduction in Cooperatively Breeding African Mole-Rats, Family Bathyergidae. <i>Advances in the Study of Behavior</i> , 1999, 28, 75-114.	1.6	49
9	DNA methylation clocks tick in naked mole rats but queens age more slowly than nonbreeders. <i>Nature Aging</i> , 2022, 2, 46-59.	11.6	47
10	Family Wide Molecular Adaptations to Underground Life in African Mole-Rats Revealed by Phylogenomic Analysis. <i>Molecular Biology and Evolution</i> , 2015, 32, msv175.	8.9	45
11	Range expansion and hybridization in Round Island petrels ( <i>Pterodroma</i> spp.): evidence from microsatellite genotypes. <i>Molecular Ecology</i> , 2010, 19, 3157-3170.	3.9	36
12	Naked mole-rats maintain healthy skeletal muscle and Complex IV mitochondrial enzyme function into old age. <i>Aging</i> , 2016, 8, 3468-3485.	3.1	28
13	<i>Georychus capensis</i> . <i>Mammalian Species</i> , 2006, 799, 1-4.	0.7	27
14	Cladogenesis and endemism in Tanzanian mole-rats, genus <i>Fukomys</i> : (Rodentia Bathyergidae): a role for tectonics?. <i>Biological Journal of the Linnean Society</i> , 0, 100, 337-352.	1.6	23
15	Evidence for contrasting roles for prolactin in eusocial naked mole-rats, <i>Heterocephalus glaber</i> and Damaraland mole-rats, <i>Fukomys damarensis</i> . <i>Biology Letters</i> , 2018, 14, 20180150.	2.3	22
16	Cardiac metabolomic profile of the naked mole-rat "glycogen to the rescue. <i>Biology Letters</i> , 2019, 15, 20190710.	2.3	22
17	Field evidence for aseasonality of reproduction and colony size in the Afrotropical giant mole-rat <i>Fukomys mechowii</i> (Rodentia: Bathyergidae). <i>African Zoology</i> , 2008, 43, 144-149.	0.4	20
18	DNA methylation clocks as a predictor for ageing and age estimation in naked mole-rats, <i>Heterocephalus glaber</i> . <i>Aging</i> , 2020, 12, 4394-4406.	3.1	20

#	ARTICLE	IF	CITATIONS
19	The relationship between individual phenotype and the division of labour in naked mole-rats: it's complicated. PeerJ, 2020, 8, e9891.	2.0	20
20	Molecular evolution of growth hormone and insulin-like growth factor 1 receptors in long-lived, small-bodied mammals. Gene, 2014, 549, 228-236.	2.2	19
21	Field evidence for aseasonality of reproduction and colony size in the Afrotropical giant mole-rat <i>Fukomys mechowii</i> (Rodentia: Bathyergidae). African Zoology, 2008, 43, 144-149.	0.4	15
22	Field evidence for colony size and aseasonality of breeding and in Ansell's mole-rat, <i>Fukomys anselli</i> (Rodentia: Bathyergidae). African Zoology, 2011, 46, 334-339.	0.4	15
23	African Mole-rats (Bathyergidae): A Complex Radiation in Tropical Soils. , 2007, , 357-373.		15
24	African Mole-Rats: Eusociality, Relatedness and Ecological Constraints. , 2008, , 207-223.		15
25	Phylogenetic Relationships in <i>Pterodroma</i> Petrels Are Obscured by Recent Secondary Contact and Hybridization. PLoS ONE, 2011, 6, e20350.	2.5	15
26	The Insulin-Like Growth Factor System in the Long-Lived Naked Mole-Rat. PLoS ONE, 2015, 10, e0145587.	2.5	14
27	Reproductive skew in African mole-rats: behavioral and physiological mechanisms to maintain high skew. , 0, , 369-396.		13
28	Masticatory musculature of the African mole-rats (Rodentia: Bathyergidae). PeerJ, 2020, 8, e8847.	2.0	13
29	Relic populations of <i>Fukomys</i> mole-rats in Tanzania: description of two new species <i>F. livingstoni</i> sp. nov. and <i>F. Åhanangensis</i> sp. nov.. PeerJ, 2017, 5, e3214.	2.0	9
30	Sweeping the house clean: burrow architecture and seasonal digging activity in the East African root rat from Tanzania. Journal of Zoology, 2014, 293, 271-280.	1.7	8
31	Skin Aging in Long-Lived Naked Mole-Rats Is Accompanied by Increased Expression of Longevity-Associated and Tumor Suppressor Genes. Journal of Investigative Dermatology, 2022, 142, 2853-2863.e4.	0.7	5