Michael A Cant

List of Publications by Year
in descending order

128	5,777	61984	91884
papers	citations	43 h-index	69 g-index

129	129	129	3615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Untangling the oxidative cost of reproduction: An analysis in wild banded mongooses. Ecology and Evolution, 2022, 12, e8644.	1.9	4
2	Leaders of war: modelling the evolution of conflict among heterogeneous groups. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210140.	4.0	7
3	Testing the acoustic adaptation hypothesis with vocalizations from three mongoose species. Animal Behaviour, 2022, 187, 71-95.	1.9	4
4	Fighting force and experience combine to determine contest success in a warlike mammal. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	0
5	Assessment during Intergroup Contests. Trends in Ecology and Evolution, 2021, 36, 139-150.	8.7	11
6	Extra-group paternity varies with proxies of relatedness in a social mammal with high inbreeding risk. Behavioral Ecology, 2021, 32, 94-104.	2.2	3
7	Networkâ€level consequences of outgroup threats in banded mongooses: Grooming and aggression between the sexes. Journal of Animal Ecology, 2021, 90, 153-167.	2.8	12
8	Mixture models as a method for comparative sociality: social networks and demographic change in resident killer whales. Behavioral Ecology and Sociobiology, 2021, 75, 1.	1.4	9
9	A veil of ignorance can promote fairness in a mammal society. Nature Communications, 2021, 12, 3717.	12.8	6
10	A double pedigree reveals genetic but not cultural inheritance of cooperative personalities in wild banded mongooses. Ecology Letters, 2021, 24, 1966-1975.	6.4	9
11	Age and sex influence social interactions, but not associations, within a killer whale pod. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210617.	2.6	21
12	A long postreproductive life span is a shared trait among genetically distinct killer whale populations. Ecology and Evolution, 2021, 11, 9123-9136.	1.9	14
13	Kinship dynamics: patterns and consequences of changes in local relatedness. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211129.	2.6	27
14	Cooperatively breeding banded mongooses do not avoid inbreeding through familiarity-based kin recognition. Behavioral Ecology and Sociobiology, 2021, 75, 1.	1.4	1
15	Individual foraging specialization in group-living species. Animal Behaviour, 2021, 182, 285-294.	1.9	4
16	The dynamics of social cohesion in response to simulated intergroup conflict in banded mongooses. Ecology and Evolution, 2021, 11, 18662-18675.	1.9	0
17	Inbreeding depresses altruism in a cooperative society. Ecology Letters, 2020, 23, 1460-1467.	6.4	8
18	Exploitative leaders incite intergroup warfare in a social mammal. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29759-29766.	7.1	29

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19	Who goes there? Social surveillance as a response to intergroup conflict in a primitive termite. Biology Letters, 2020, 16, 20200131.	2.3	11
20	Modelling cetacean morbillivirus outbreaks in an endangered killer whale population. Biological Conservation, 2020, 242, 108398.	4.1	13
21	Behavioural response of workers to repeated intergroup encounters in the harvester ant Messor barbarus. Insectes Sociaux, 2019, 66, 491-500.	1.2	12
22	Elevated aggression is associated with uncertainty in a network of dog dominance interactions. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190536.	2.6	17
23	Stable isotopes are quantitative indicators of trophic niche. Ecology Letters, 2019, 22, 1990-1992.	6.4	28
24	Life-History Evolution: Grandmothering in Space andÂTime. Current Biology, 2019, 29, R215-R218.	3.9	6
25	Live long and prosper: durable benefits of early-life care in banded mongooses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180114.	4.0	17
26	Developing differences: early-life effects and evolutionary medicine. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190039.	4.0	14
27	Evolution of menopause. Current Biology, 2019, 29, R112-R115.	3.9	13
28	Postreproductive killer whale grandmothers improve the survival of their grandoffspring. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26669-26673.	7.1	53
29	Spontaneous abortion as a response to reproductive conflict in the banded mongoose. Biology Letters, 2019, 15, 20190529.	2.3	7
30	A highâ€quality pedigree and genetic markers both reveal inbreeding depression for quality but not survival in a cooperative mammal. Molecular Ecology, 2018, 27, 2271-2288.	3.9	17
31	Postreproductive lifespans are rare in mammals. Ecology and Evolution, 2018, 8, 2482-2494.	1.9	65
32	Intragroup competition predicts individual foraging specialisation in a groupâ€living mammal. Ecology Letters, 2018, 21, 665-673.	6.4	66
33	Telomere dynamics in wild banded mongooses: Evaluating longitudinal and quasi-longitudinal markers of senescence. Experimental Gerontology, 2018, 107, 67-73.	2.8	6
34	Kin discrimination via odour in the cooperatively breeding banded mongoose. Royal Society Open Science, 2018, 5, 171798.	2.4	5
35	Dynamic conflict among heterogeneous groups: a comment on Christensen and Radford. Behavioral Ecology, 2018, 29, 1016-1017.	2.2	9
36	Decoupling of Genetic and Cultural Inheritance in a Wild Mammal. Current Biology, 2018, 28, 1846-1850.e2.	3.9	20

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37	Analyses of ovarian activity reveal repeated evolution of post-reproductive lifespans in toothed whales. Scientific Reports, 2018, 8, 12833.	3.3	67
38	Data collection and storage in long-term ecological and evolutionary studies: The Mongoose 2000 system. PLoS ONE, 2018, 13, e0190740.	2.5	4
39	Reproductive Conflict and the Evolution of Menopause in Killer Whales. Current Biology, 2017, 27, 298-304.	3.9	85
40	Causes and consequences of intergroup conflict in cooperative banded mongooses. Animal Behaviour, 2017, 126, 31-40.	1.9	63
41	Lifetime fitness consequences of earlyâ€life ecological hardship in a wild mammal population. Ecology and Evolution, 2017, 7, 1712-1724.	1.9	54
42	Explaining negative kin discrimination in a cooperative mammal society. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5207-5212.	7.1	58
43	Group size and visitor numbers predict faecal glucocorticoid concentrations in zoo meerkats. Royal Society Open Science, 2017, 4, 161017.	2.4	18
44	Biased escorts: offspring sex, not relatedness explains alloparental care patterns in a cooperative breeder. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162384.	2.6	22
45	Heterozygosity but not inbreeding coefficient predicts parasite burdens in the banded mongoose. Journal of Zoology, 2017, 302, 32-39.	1.7	9
46	Individual and demographic consequences of mass eviction in cooperative banded mongooses. Animal Behaviour, 2017, 134, 103-112.	1.9	6
47	Pregnancy is detected via odour in a wild cooperative breeder. Biology Letters, 2017, 13, 20170441.	2.3	4
48	Mortality risk and social network position in resident killer whales: sex differences and the importance of resource abundance. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171313.	2.6	69
49	Smelling fit: scent marking exposes parasitic infection status in the banded mongoose. Environmental Epigenetics, 2017, 63, 237-247.	1.8	7
50	Adaptation to public goods cheats in Pseudomonas aeruginosa. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171089.	2.6	48
51	Evidence of Oxidative Shielding of Offspring in a Wild Mammal. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	27
52	Banded mongooses: Demography, life history, and social behavior. , 2016, , 318-337.		43
53	Female reproductive competition explains variation in prenatal investment in wild banded mongooses. Scientific Reports, 2016, 6, 20013.	3.3	12
54	Lack of aggression and apparent altruism towards intruders in a primitive termite. Royal Society Open Science, 2016, 3, 160682.	2.4	4

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55	Reproductive competition triggers mass eviction in cooperative banded mongooses. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152607.	2.6	25
56	Variable ecological conditions promote male helping by changing banded mongoose group composition. Behavioral Ecology, 2016, 27, 978-987.	2.2	23
57	The significance of postreproductive lifespans in killer whales: a comment on Robeck et al.: Table 1.. Journal of Mammalogy, 2016, 97, 906-909.	1.3	6
58	Oxidative shielding and the cost of reproduction. Biological Reviews, 2016, 91, 483-497.	10.4	143
59	Banded mongooses avoid inbreeding when mating with members of the same natal group. Molecular Ecology, 2015, 24, 3738-3751.	3.9	38
60	Elevated glucocorticoid concentrations during gestation predict reduced reproductive success in subordinate female banded mongooses. Biology Letters, 2015, 11, 20150620.	2.3	8
61	The evolution of prolonged life after reproduction. Trends in Ecology and Evolution, 2015, 30, 407-416.	8.7	175
62	The origins of consistent individual differences in cooperation in wild banded mongooses, Mungos mungo. Animal Behaviour, 2015, 107, 193-200.	1.9	41
63	Ecological Knowledge, Leadership, and the Evolution of Menopause in Killer Whales. Current Biology, 2015, 25, 746-750.	3.9	271
64	Adjustment of costly extra-group paternity according to inbreeding risk in a cooperative mammal. Behavioral Ecology, 2015, 26, 1486-1494.	2.2	40
65	Do paper wasps negotiate over helping effort?. Behavioral Ecology, 2014, 25, 88-94.	2.2	5
66	Evidence for frequent incest in a cooperatively breeding mammal. Biology Letters, 2014, 10, 20140898.	2.3	32
67	Suppressing subordinate reproduction provides benefits to dominants in cooperative societies of meerkats. Nature Communications, 2014, 5, 4499.	12.8	35
68	Hormonal mediation of a carryâ€over effect in a wild cooperative mammal. Functional Ecology, 2014, 28, 1377-1386.	3.6	28
69	Reproductive Competition Among Males in Multimale Groups of Primates: Modeling the Costs and Effectiveness of Conflict. International Journal of Primatology, 2014, 35, 746-763.	1.9	10
70	Policing of reproduction by hidden threats in a cooperative mammal. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 326-330.	7.1	51
71	Dominant aggression as a deterrent signal in paper wasps. Behavioral Ecology, 2014, 25, 706-715.	2.2	14
72	Using social parasitism to test reproductive skew models in a primitively eusocial wasp. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141206.	2.6	8

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73	Testing for vocal individual discrimination in adult banded mongooses. Journal of Zoology, 2013, 291, 171-177.	1.7	5
74	Longevity suppresses conflict in animal societies. Biology Letters, 2013, 9, 20130680.	2.3	9
75	Resolving social conflict among females without overt aggression. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130076.	4.0	33
76	Demography and Social Evolution of Banded Mongooses. Advances in the Study of Behavior, 2013, 45, 407-445.	1.6	85
77	VII.10. Cooperative Breeding. , 2013, , 677-682.		0
78	Resource limitation moderates the adaptive suppression of subordinate breeding in a cooperatively breeding mongoose. Behavioral Ecology, 2012, 23, 635-642.	2.2	42
79	Sex-biased dispersal, haplodiploidy and the evolution of helping in social insects. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 787-793.	2.6	44
80	The cost of dominance: suppressing subordinate reproduction affects the reproductive success of dominant female banded mongooses. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 619-624.	2.6	43
81	Suppression of Social Conflict and Evolutionary Transitions to Cooperation. American Naturalist, 2012, 179, 293-301.	2.1	28
82	Fineâ€scale spatiotemporal patterns of genetic variation reflect budding dispersal coupled with strong natal philopatry in a cooperatively breeding mammal. Molecular Ecology, 2012, 21, 5348-5362.	3.9	36
83	Segmental concatenation of individual signatures and context cues in banded mongoose (Mungos) Tj ETQq1 1 0.784314 rgBT /Overl	3.8	62
84	Food availability shapes patterns of helping effort in a cooperative mongoose. Animal Behaviour, 2012, 83, 1377-1385.	1.9	35
85	Cooperative breeding systems. , 2012, , 206-225.		24
86	Inclusive fitness theory and eusociality. Nature, 2011, 471, E1-E4.	27.8	339
87	Scent marking in wild banded mongooses: 2. Intrasexual overmarking and competition between males. Animal Behaviour, 2011, 81, 43-50.	1.9	24
88	Scent marking in wild banded mongooses: 1. Sex-specific scents and overmarking. Animal Behaviour, 2011, 81, 31-42.	1.9	41
89	Scent marking in wild banded mongooses: 3. Intrasexual overmarking in females. Animal Behaviour, 2011, 81, 51-60.	1.9	21
90	The role of threats in animal cooperation. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 170-178.	2.6	83

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91	Reproductive competition and the evolution of extreme birth synchrony in a cooperative mammal. Biology Letters, 2011, 7, 54-56.	2.3	63
92	Location and group size influence decisions in simulated intergroup encounters in banded mongooses. Behavioral Ecology, 2011, 22, 493-500.	2.2	56
93	Top males gain high reproductive success by guarding more successful females in a cooperatively breeding mongoose. Animal Behaviour, 2010, 80, 649-657.	1.9	47
94	Imitation and Traditions in Wild Banded Mongooses. Current Biology, 2010, 20, 1171-1175.	3.9	47
95	Scent marking within and between groups of wild banded mongooses. Journal of Zoology, 2010, 280, 72-83.	1.7	69
96	Reproductive control via eviction (but not the threat of eviction) in banded mongooses. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2219-2226.	2.6	85
97	The evolution of menopause in cetaceans and humans: the role of demography. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3765-3771.	2.6	145
98	How Threats Influence the Evolutionary Resolution of Withinâ€Group Conflict. American Naturalist, 2009, 173, 759-771.	2.1	68
99	Social stability and helping in small animal societies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 3181-3189.	4.0	38
100	Models of reproductive skew: outside options and the resolution of reproductive conflict. , 2009, , 3-23.		22
101	Reproductive conflict and the separation of reproductive generations in humans. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5332-5336.	7.1	181
102	Sex Differences in Dispersal and the Evolution of Helping and Harming. American Naturalist, 2008, 172, 318-330.	2.1	94
103	Direct fitness, reciprocity and helping: A perspective from primitively eusocial wasps. Behavioural Processes, 2007, 76, 160-162.	1.1	15
104	Reproductive skew and the evolution of group dissolution tactics: a synthesis of concession and restraint models. Animal Behaviour, 2007, 74, 1643-1654.	1.9	38
105	Self-serving punishment and the evolution of cooperation. Journal of Evolutionary Biology, 2006, 19, 1383-1385.	1.7	36
106	A new perspective on size hierarchies in nature: patterns, causes, and consequences. Oecologia, 2006, 149, 362-372.	2.0	92
107	A tale of two theories: parentâ€“offspring conflict and reproductive skew. Animal Behaviour, 2006, 71, 255-263.	1.9	40
108	Individual Variation in Social Aggression and the Probability of Inheritance: Theory and a Field Test. American Naturalist, 2006, 167, 837-852.	2.1	81

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109	Escalated conflict in a social hierarchy. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2977-2984.	2.6	57
110	Endogenous timing in competitive interactions among relatives. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 171-178.	2.6	10
111	Stable group size in cooperative breeders: the role of inheritance and reproductive skew. Behavioral Ecology, 2006, 17, 560-568.	2.2	36
112	Helping effort in a dominance hierarchy. Behavioral Ecology, 2005, 16, 708-715.	2.2	49
113	Patterns of helping effort in co-operatively breeding banded mongooses (Mungos mungo). Journal of Zoology, 2003, 259, 115-121.	1.7	46
114	Insuranceâ€“based advantages for subordinate coâ€“foundresses in a temperate paper wasp. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1617-1622.	2.6	44
115	Female Control of the Distribution of Paternity in Cooperative Breeders. American Naturalist, 2002, 160, 602-611.	2.1	59
116	Fighting and Mating Between Groups in a Cooperatively Breeding Mammal, the Banded Mongoose. Ethology, 2002, 108, 541-555.	1.1	92
117	Eviction and dispersal in co-operatively breeding banded mongooses (Mungos mungo). Journal of Zoology, 2001, 254, 155-162.	1.7	93
118	Helping effort and future fitness in cooperative animal societies. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1959-1964.	2.6	165
119	Social control of reproduction in banded mongooses. Animal Behaviour, 2000, 59, 147-158.	1.9	183
120	Power Struggles, Dominance Testing, and Reproductive Skew. American Naturalist, 2000, 155, 406-417.	2.1	55
121	Reproductive Skew in Multimember Groups. American Naturalist, 1999, 153, 315-331.	2.1	103
122	Reproductive skew and the threat of eviction: a new perspective. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 275-279.	2.6	193
123	Costly young and reproductive skew in animal societies. Behavioral Ecology, 1999, 10, 178-184.	2.2	71
124	Reproductive skew and indiscriminate infanticide. Animal Behaviour, 1999, 57, 243-249.	1.9	44
125	A model for the evolution of reproductive skew without reproductive suppression. Animal Behaviour, 1998, 55, 163-169.	1.9	128
126	Small males are more symmetrical: mating success in the midge Chironomus plumosus L. (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	54

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127	Reproductive conflict and the evolution of menopause. , 0, , 24-50.		12
128	Reproductive skew in primitively eusocial wasps: how useful are current models?. , 0, , 305-334.		11