

# Marta B Manser

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

2,717  
citations

236925

25  
h-index

197818

49  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2178  
citing authors

#	ARTICLE	IF	CITATIONS
1	The acoustic structure of suricates' alarm calls varies with predator type and the level of response urgency. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2315-2324.	2.6	353
2	Suricate alarm calls signal predator class and urgency. <i>Trends in Cognitive Sciences</i> , 2002, 6, 55-57.	7.8	253
3	Acoustic sequences in non-human animals: a tutorial review and prospectus. <i>Biological Reviews</i> , 2016, 91, 13-52.	10.4	213
4	Exorcising G's ghost: an empirical approach to studying intentional communication in animals. <i>Biological Reviews</i> , 2017, 92, 1427-1433.	10.4	152
5	Functionally Referential Communication in Mammals: The Past, Present and the Future. <i>Ethology</i> , 2013, 119, 1-11.	1.1	143
6	The information that receivers extract from alarm calls in suricates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2485-2491.	2.6	138
7	Latrine distribution and patterns of use by wild meerkats: implications for territory and mate defence. <i>Animal Behaviour</i> , 2007, 73, 613-622.	1.9	136
8	Language evolution: syntax before phonology?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140263.	2.6	78
9	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. <i>Science</i> , 2022, 376, 1012-1016.	12.6	69
10	The irrelevance of individual discrimination in meerkat alarm calls. <i>Animal Behaviour</i> , 2007, 74, 1259-1268.	1.9	68
11	Segmental concatenation of individual signatures and context cues in banded mongoose ( <i>Mungos</i> )	3.8	62
12	Meerkats: Cooperative breeding in the Kalahari. , 2016, , 294-317.		61
13	Ontogeny of alarm call responses in meerkats, <i>Suricata suricatta</i> : the roles of age, sex and nearby conspecifics. <i>Animal Behaviour</i> , 2006, 72, 1345-1353.	1.9	58
14	Territoriality and home-range dynamics in meerkats, <i>Suricata suricatta</i> : a mechanistic modelling approach. <i>Journal of Animal Ecology</i> , 2015, 84, 260-271.	2.8	49
15	Vocal Turn-Taking in Meerkat Group Calling Sessions. <i>Current Biology</i> , 2018, 28, 3661-3666.e3.	3.9	49
16	Spatial representation of shelter locations in meerkats, <i>Suricata suricatta</i> . <i>Animal Behaviour</i> , 2004, 68, 151-157.	1.9	48
17	All clear? Meerkats attend to contextual information in close calls to coordinate vigilance. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1927-1934.	1.4	43
18	Ontogenetic changes in alarm-call production and usage in meerkats ( <i>Suricata suricatta</i> ): adaptations or constraints?. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 821-829.	1.4	42

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19	Nonlinearities in Meerkat Alarm Calls Prevent Receivers from Habituating. <i>Ethology</i> , 2014, 120, 189-196.	1.1	41
20	Mean fecal glucocorticoid metabolites are associated with vigilance, whereas immediate cortisol levels better reflect acute anti-predator responses in meerkats. <i>Hormones and Behavior</i> , 2014, 66, 759-765.	2.1	41
21	Group cohesion in foraging meerkats: follow the moving "vocal hot spot". <i>Royal Society Open Science</i> , 2017, 4, 170004.	2.4	40
22	Motivation before Meaning: Motivational Information Encoded in Meerkat Alarm Calls Develops Earlier than Referential Information. <i>American Naturalist</i> , 2007, 169, 758-767.	2.1	37
23	Intergroup aggression in meerkats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191993.	2.6	35
24	Scent-marking and intrasexual competition in a cooperative carnivore with low reproductive skew. <i>Ethology</i> , 2008, 114, 174-185.	1.1	34
25	Vigilance behaviour and fitness consequences: comparing a solitary foraging and an obligate group-foraging mammal. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 1097-1107.	1.4	32
26	Flexible alarm calling in meerkats: the role of the social environment and predation urgency. <i>Behavioral Ecology</i> , 2012, 23, 1360-1364.	2.2	32
27	Diurnal oscillations in gut bacterial load and composition eclipse seasonal and lifetime dynamics in wild meerkats. <i>Nature Communications</i> , 2021, 12, 6017.	12.8	30
28	Cost of dispersal in a social mammal: body mass loss and increased stress. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190033.	2.6	28
29	Deceptive-like behaviour in dogs ( <i>Canis familiaris</i> ). <i>Animal Cognition</i> , 2017, 20, 511-520.	1.8	22
30	A non-invasive method for sampling the body odour of mammals. <i>Methods in Ecology and Evolution</i> , 2018, 9, 420-429.	5.2	20
31	Validation of a Fecal Glucocorticoid Assay to Assess Adrenocortical Activity in Meerkats Using Physiological and Biological Stimuli. <i>PLoS ONE</i> , 2016, 11, e0153161.	2.5	19
32	Call concatenation in wild meerkats. <i>Animal Behaviour</i> , 2017, 134, 257-269.	1.9	19
33	As dusk falls: collective decisions about the return to sleeping sites in meerkats. <i>Animal Behaviour</i> , 2017, 132, 91-99.	1.9	18
34	Wild dwarf mongooses produce general alert and predator-specific alarm calls. <i>Behavioral Ecology</i> , 2017, 28, 1293-1301.	2.2	16
35	Sex-independent senescence in a cooperatively breeding mammal. <i>Journal of Animal Ecology</i> , 2020, 89, 1080-1093.	2.8	16
36	Beyond aggression: Androgen-receptor blockade modulates social interaction in wild meerkats. <i>Hormones and Behavior</i> , 2016, 78, 95-106.	2.1	15

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37	Meerkats ( <i>Suricata suricatta</i> ), a new definitive host of the canid nematode <i>Angiostrongylus vasorum</i> . <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2017, 6, 349-353.	1.5	14
38	Phylogeny- and Abundance-Based Metrics Allow for the Consistent Comparison of Core Gut Microbiome Diversity Indices Across Host Species. <i>Frontiers in Microbiology</i> , 2021, 12, 659918.	3.5	14
39	Higher temperature extremes exacerbate negative disease effects in a social mammal. <i>Nature Climate Change</i> , 2022, 12, 284-290.	18.8	14
40	A practical guide for generating unsupervised, spectrogram-based latent space representations of animal vocalizations. <i>Journal of Animal Ecology</i> , 2022, 91, 1567-1581.	2.8	13
41	Long-term movements and home-range changes: Rapid territory shifts in meerkats. <i>Journal of Animal Ecology</i> , 2020, 89, 772-783.	2.8	12
42	Spatial structure of foraging meerkat groups is affected by both social and ecological factors. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	11
43	Dwarf mongoose alarm calls: investigating a complex non-human animal call. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192514.	2.6	11
44	Seek and learn: Automated identification of microevents in animal behaviour using envelopes of acceleration data and machine learning. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1639-1651.	5.2	11
45	Social organization of a solitary carnivore: spatial behaviour, interactions and relatedness in the slender mongoose. <i>Royal Society Open Science</i> , 2019, 6, 182160.	2.4	10
46	Call order within vocal sequences of meerkats contains temporary contextual and individual information. <i>BMC Biology</i> , 2020, 18, 119.	3.8	10
47	Meerkat close calling patterns are linked to sex, social category, season and wind, but not fecal glucocorticoid metabolite concentrations. <i>PLoS ONE</i> , 2017, 12, e0175371.	2.5	10
48	Collective close calling mediates group cohesion in foraging meerkats via spatially determined differences in call rates. <i>Animal Behaviour</i> , 2022, 185, 73-82.	1.9	9
49	Internal acoustic structuring in pied babbler recruitment cries specifies the form of recruitment. <i>Behavioral Ecology</i> , 2018, 29, 1021-1030.	2.2	8
50	Behavioural change during dispersal and its relationship to survival and reproduction in a cooperative breeder. <i>Journal of Animal Ecology</i> , 2021, 90, 2637-2650.	2.8	7
51	Dogs' (Canis familiaris) attention to human perception: Influence of breed groups and life experiences. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2017, 131, 19-29.	0.5	7
52	Decline and fall: The causes of group failure in cooperatively breeding meerkats. <i>Ecology and Evolution</i> , 2021, 11, 14459-14474.	1.9	7
53	Adult meerkats modify close call rate in the presence of pups. <i>Environmental Epigenetics</i> , 2017, 63, 349-355.	1.8	6
54	Drought decreases cooperative sentinel behavior and affects vocal coordination in meerkats. <i>Behavioral Ecology</i> , 2019, 30, 1558-1566.	2.2	6

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55	Dispersal Decreases Survival but Increases Reproductive Opportunities for Subordinates in a Cooperative Breeder. <i>American Naturalist</i> , 2022, 199, 679-690.	2.1	6
56	Vocalization associated respiration patterns: thermography-based monitoring and detection of preparation for calling. <i>Journal of Experimental Biology</i> , 2022, , .	1.7	4
57	Burrow usage patterns and decision-making in meerkat groups. <i>Behavioral Ecology</i> , 2019, , .	2.2	3
58	Bound for Specific Sounds: Vocal Predisposition in Animal Communication. <i>Trends in Cognitive Sciences</i> , 2020, 24, 690-693.	7.8	3
59	Effect of group size and experience on the ontogeny of sentinel calling behaviour in meerkats. <i>Animal Behaviour</i> , 2021, 171, 129-138.	1.9	3
60	Are Cape Ground Squirrels ( <i>Xerus inauris</i> ) Sensitive to Variation in the Payoffs from Their Caches?. <i>Ethology</i> , 2016, 122, 588-596.	1.1	2
61	Life history patterns and biology of the slender mongoose ( <i>Galerella sanguinea</i> ) in the Kalahari Desert. <i>Journal of Mammalogy</i> , 2016, , gyw178.	1.3	2
62	Mating and/or social system to explain territorial responses: a comment on Christensen and Radford. <i>Behavioral Ecology</i> , 2018, 29, 1017-1018.	2.2	2
63	Use of the sun as a heading indicator when caching and recovering in a wild rodent. <i>Scientific Reports</i> , 2016, 6, 32570.	3.3	1
64	Title is missing!. , 2020, 15, e0238313.		0
65	Title is missing!. , 2020, 15, e0238313.		0
66	Title is missing!. , 2020, 15, e0238313.		0
67	Title is missing!. , 2020, 15, e0238313.		0