

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	Dispersal Decreases Survival but Increases Reproductive Opportunities for Subordinates in a Cooperative Breeder. <i>American Naturalist</i> , 2022, 199, 679-690.	2.1	6
2	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
3	Higher temperature extremes exacerbate negative disease effects in a social mammal. <i>Nature Climate Change</i> , 2022, 12, 284-290.	18.8	14
4	Vocalization associated respiration patterns: thermography-based monitoring and detection of preparation for calling. <i>Journal of Experimental Biology</i> , 2022, , .	1.7	4
5	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. <i>Science</i> , 2022, 376, 1012-1016.	12.6	69
6	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
7	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
8	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
9	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
10	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
11	Decline and fall: The causes of group failure in cooperatively breeding meerkats. <i>Ecology and Evolution</i> , 2021, 11, 14459-14474.	1.9	7
12	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
13	Sex-independent senescence in a cooperatively breeding mammal. <i>Journal of Animal Ecology</i> , 2020, 89, 1080-1093.	2.8	16
14	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
15	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
16	Call order within vocal sequences of meerkats contains temporary contextual and individual information. <i>BMC Biology</i> , 2020, 18, 119.	3.8	10
17	Bound for Specific Sounds: Vocal Predisposition in Animal Communication. <i>Trends in Cognitive Sciences</i> , 2020, 24, 690-693.	7.8	3
18	Title is missing!. , 2020, 15, e0238313.		0

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19	Title is missing!. , 2020, 15, e0238313.		0
20	Title is missing!. , 2020, 15, e0238313.		0
21	Title is missing!. , 2020, 15, e0238313.		0
22	Drought decreases cooperative sentinel behavior and affects vocal coordination in meerkats. Behavioral Ecology, 2019, 30, 1558-1566.	2.2	6
23	Burrow usage patterns and decision-making in meerkat groups. Behavioral Ecology, 2019, , .	2.2	3
24	Social organization of a solitary carnivore: spatial behaviour, interactions and relatedness in the slender mongoose. Royal Society Open Science, 2019, 6, 182160.	2.4	10
25	Cost of dispersal in a social mammal: body mass loss and increased stress. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190033.	2.6	28
26	Intergroup aggression in meerkats. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191993.	2.6	35
27	Spatial structure of foraging meerkat groups is affected by both social and ecological factors. Behavioral Ecology and Sociobiology, 2018, 72, 1.	1.4	11
28	A non-invasive method for sampling the body odour of mammals. Methods in Ecology and Evolution, 2018, 9, 420-429.	5.2	20
29	Vocal Turn-Taking in Meerkat Group Calling Sessions. Current Biology, 2018, 28, 3661-3666.e3.	3.9	49
30	Mating and/or social system to explain territorial responses: a comment on Christensen and Radford. Behavioral Ecology, 2018, 29, 1017-1018.	2.2	2
31	Internal acoustic structuring in pied babbler recruitment cries specifies the form of recruitment. Behavioral Ecology, 2018, 29, 1021-1030.	2.2	8
32	Call concatenation in wild meerkats. Animal Behaviour, 2017, 134, 257-269.	1.9	19
33	Deceptive-like behaviour in dogs (Canis familiaris). Animal Cognition, 2017, 20, 511-520.	1.8	22
34	Group cohesion in foraging meerkats: follow the moving "vocal hot spot"™. Royal Society Open Science, 2017, 4, 170004.	2.4	40
35	Meerkats (Suricata suricatta), a new definitive host of the canid nematode Angiostrongylus vasorum. International Journal for Parasitology: Parasites and Wildlife, 2017, 6, 349-353.	1.5	14
36	As dusk falls: collective decisions about the return to sleeping sites in meerkats. Animal Behaviour, 2017, 132, 91-99.	1.9	18

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37	Wild dwarf mongooses produce general alert and predator-specific alarm calls. <i>Behavioral Ecology</i> , 2017, 28, 1293-1301.	2.2	16
38	Exorcising <sc>G</sc>rice's ghost: an empirical approach to studying intentional communication in animals. <i>Biological Reviews</i> , 2017, 92, 1427-1433.	10.4	152
39	Adult meerkats modify close call rate in the presence of pups. <i>Environmental Epigenetics</i> , 2017, 63, 349-355.	1.8	6
40	Dogsâ€™ (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
41	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
42	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
43	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
44	Meerkats: Cooperative breeding in the Kalahari. , 2016, , 294-317.		61
45	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
46	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
47	Acoustic sequences in nonâ€‘human animals: a tutorial review and prospectus. <i>Biological Reviews</i> , 2016, 91, 13-52.	10.4	213
48	Beyond aggression: Androgen-receptor blockade modulates social interaction in wild meerkats. <i>Hormones and Behavior</i> , 2016, 78, 95-106.	2.1	15
49	Territoriality and homeâ€‘range dynamics in meerkats, <i>S</i>uricata suricatta</i>: a mechanistic modelling approach. <i>Journal of Animal Ecology</i> , 2015, 84, 260-271.	2.8	49
50	Language evolution: syntax before phonology?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140263.	2.6	78
51	Nonlinearities in Meerkat Alarm Calls Prevent Receivers from Habituating. <i>Ethology</i> , 2014, 120, 189-196.	1.1	41
52	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
53	Functionally Referential Communication in Mammals: The Past, Present and the Future. <i>Ethology</i> , 2013, 119, 1-11.	1.1	143
54	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

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55	Segmental concatenation of individual signatures and context cues in banded mongoose (Mungos) Tj ETQq1 1 0.784314 rgBT ₆₂ /Overl	3.8	62
56	All clear? Meerkats attend to contextual information in close calls to coordinate vigilance. Behavioral Ecology and Sociobiology, 2011, 65, 1927-1934.	1.4	43
57	Vigilance behaviour and fitness consequences: comparing a solitary foraging and an obligate group-foraging mammal. Behavioral Ecology and Sociobiology, 2009, 63, 1097-1107.	1.4	32
58	Ontogenetic changes in alarm-call production and usage in meerkats (Suricata suricatta): adaptations or constraints?. Behavioral Ecology and Sociobiology, 2008, 62, 821-829.	1.4	42
59	Scent marking and intrasexual competition in a cooperative carnivore with low reproductive skew. Ethology, 2008, 114, 174-185.	1.1	34
60	Motivation before Meaning: Motivational Information Encoded in Meerkat Alarm Calls Develops Earlier than Referential Information. American Naturalist, 2007, 169, 758-767.	2.1	37
61	Latrine distribution and patterns of use by wild meerkats: implications for territory and mate defence. Animal Behaviour, 2007, 73, 613-622.	1.9	136
62	The irrelevance of individual discrimination in meerkat alarm calls. Animal Behaviour, 2007, 74, 1259-1268.	1.9	68
63	Ontogeny of alarm call responses in meerkats, Suricata suricatta: the roles of age, sex and nearby conspecifics. Animal Behaviour, 2006, 72, 1345-1353.	1.9	58
64	Spatial representation of shelter locations in meerkats, Suricata suricatta. Animal Behaviour, 2004, 68, 151-157.	1.9	48
65	Suricate alarm calls signal predator class and urgency. Trends in Cognitive Sciences, 2002, 6, 55-57.	7.8	253
66	The acoustic structure of suricates' alarm calls varies with predator type and the level of response urgency. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2315-2324.	2.6	353
67	The information that receivers extract from alarm calls in suricates. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2485-2491.	2.6	138