Barbara KÃ¶nig

List of Publications by Year
in descending order

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76	3,593	147801	144013
papers	citations	31 h-index	57 g-index

82	82	82	2801
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Day roost selection in female Bechstein's bats (Myotis bechsteinii): a field experiment to determine the influence of roost temperature. Oecologia, 2001, 126, 1-9.	2.0	241
2	FISSION, FUSION AND NONRANDOM ASSOCIATIONS IN FEMALE BECHSTEIN'S BATS (MYOTIS BECHSTEINII). Behaviour, 1999, 136, 1187-1202.	0.8	238
3	Maternal care in house mice. Behavioral Ecology and Sociobiology, 1987, 20, 1-9.	1.4	162
4	Infection-induced behavioural changes reduce connectivity and the potential for disease spread in wild mice contact networks. Scientific Reports, 2016, 6, 31790.	3.3	145
5	Mitochondrial DNA (mtDNA) reveals that female Bechstein's bats live in closed societies. Molecular Ecology, 2000, 9, 793-800.	3.9	140
6	Maternal care in house mice (Mus musculus): II. The energy cost of lactation as a function of litter size. Journal of Zoology, 1988, 216, 195-210.	1.7	128
7	Social flexibility and social evolution in mammals: a case study of the African striped mouse (Rhabdomys pumilio). Molecular Ecology, 2012, 21, 541-553.	3.9	123
8	Roosting together, foraging apart: information transfer about food is unlikely to explain sociality in female Bechstein's bats (Myotis bechsteinii). Behavioral Ecology and Sociobiology, 2001, 50, 283-291.	1.4	121
9	Mean colony relatedness is a poor predictor of colony structure and female philopatry in the communally breeding Bechstein's bat (Myotis bechsteinii). Behavioral Ecology and Sociobiology, 2002, 52, 203-210.	1.4	121
10	Fitness effects of communal rearing in house mice: the role of relatedness versus familiarity. Animal Behaviour, 1994, 48, 1449-1457.	1.9	107
11	POLYANDRY AND THE DECREASE OF A SELFISH GENETIC ELEMENT IN A WILD HOUSE MOUSE POPULATION. Evolution; International Journal of Organic Evolution, 2011, 65, 2435-2447.	2.3	96
12	Cooperative Care of Young in Mammals. Die Naturwissenschaften, 1997, 84, 95-104.	1.6	92
13	Sex differences in population genetics, home range size and habitat use of the parti-colored bat (Vespertilio murinus, Linnaeus 1758) in Switzerland and their consequences for conservation. Biological Conservation, 2007, 137, 28-36.	4.1	91
14	Reproductive competition favours solitary living while ecological constraints impose groupâ€living in African striped mice. Journal of Animal Ecology, 2010, 79, 515-521.	2.8	91
15	Female home range size is regulated by resource distribution and intraspecific competition: a long-term field study. Animal Behaviour, 2010, 79, 195-203.	1.9	89
16	Not only mate choice matters: fitness consequences of social partner choice in female house mice. Animal Behaviour, 2008, 75, 801-808.	1.9	88
17	Testosterone Levels in Dominant Sociable Males Are Lower than in Solitary Roamers: Physiological Differences between Three Male Reproductive Tactics in a Sociably Flexible Mammal. American Naturalist, 2009, 173, 376-388.	2.1	84
18	Preference for structured environment in zebrafish (Danio rerio) and checker barbs (Puntius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Tc	1.9	74

#	Article	IF	Citations
19	The adaptive bases of female sexual behavior: reports from a workshop. Behavioral Ecology, 1993, 4, 184-187.	2.2	68
20	Communal nursing in wild house mice is not a by-product of group living: Females choose. Die Naturwissenschaften, 2014, 101, 73-76.	1.6	65
21	Livestock Predationâ€"Insights From Problem Animal Control Registers in Botswana. Journal of Wildlife Management, 2007, 71, 1267-1274.	1.8	63
22	A system for automatic recording of social behavior in a free-living wild house mouse population. Animal Biotelemetry, 2015, 3, .	1.9	63
23	Maternal investment of communally nursing female house mice (Mus musculus domesticus). Behavioural Processes, 1993, 30, 61-73.	1.1	52
24	Mating system of a Neotropical roost-making bat: the white-throated, round-eared bat, Lophostoma silvicolum (Chiroptera: Phyllostomidae). Behavioral Ecology and Sociobiology, 2005, 58, 316-325.	1.4	52
25	Maternal Activity Budget during Lactation in two Species of Caviidae (Cavia porcellus and Galea) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	50
26	Mate choice for genetic compatibility in the house mouse. Ecology and Evolution, 2013, 3, 1231-1247.	1.9	48
27	Behavioural ecology of kin recognition in house mice. Ethology Ecology and Evolution, 1989, 1, 99-110.	1.4	47
28	The complex social environment of female house mice (Mus domesticus). , 2012, , 114-134.		47
29	Kin Recognition and Maternal Care under Restricted Feeding in House Mice (Mus domesticus). Ethology, 1989, 82, 328-343.	1.1	44
30	Communally breeding Bechstein's bats have a stable social system that is independent from the postglacial history and location of the populations. Molecular Ecology, 2008, 17, 2368-2381.	3.9	42
31	Feeding enrichment in an opportunistic carnivore: The red fox. Applied Animal Behaviour Science, 2009, 116, 260-265.	1.9	38
32	Manipulation of population density and food availability affects home range sizes of African striped mouse females. Animal Behaviour, 2015, 99, 53-60.	1.9	36
33	Choosing a healthy mate: sexually attractive traits as reliable indicators of current disease status in house mice. Animal Behaviour, 2016, 111, 119-126.	1.9	36
34	Fissionâ€"fusion dynamics of a megaherbivore are driven by ecological, anthropogenic, temporal, and social factors. Oecologia, 2019, 191, 335-347.	2.0	36
35	Nest attendance of lactating females in a wild house mouse population: benefits associated with communal nesting. Animal Behaviour, 2014, 92, 143-149.	1.9	34
36	Fitness Consequences of Female Alternative Reproductive Tactics in House Mice (Mus musculus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	34

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37	Proximity to humans affects local social structure in a giraffe metapopulation. Journal of Animal Ecology, 2021, 90, 212-221.	2.8	34
38	How Random Is Social Behaviour? Disentangling Social Complexity through the Study of a Wild House Mouse Population. PLoS Computational Biology, 2012, 8, e1002786.	3.2	28
39	Correlates of home range sizes of giraffes, Giraffa camelopardalis. Animal Behaviour, 2019, 149, 143-151.	1.9	28
40	Socially mediated polyandry: a new benefit of communal nesting in mammals. Behavioral Ecology, 2014, 25, 1467-1473.	2.2	25
41	The risk of exploitation during communal nursing in house mice, MusÂmusculus domesticus. Animal Behaviour, 2015, 110, 133-143.	1.9	23
42	Female nursing partner choice in a population of wild house mice (Mus musculus domesticus). Frontiers in Zoology, 2018, 15, 4.	2.0	23
43	Polyandry blocks gene drive in a wild house mouse population. Nature Communications, 2020, 11, 5590.	12.8	23
44	Sociability increases survival of adult female giraffes. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202770.	2.6	22
45	Feeding ecology of a large social antelope in the rainforest. Oecologia, 1999, 119, 81-90.	2.0	21
46	A qualitative investigation of major urinary proteins in relation to the onset of aggressive behavior and dispersive motivation in male wild house mice (Mus musculus domesticus). Journal of Ethology, 2008, 26, 127-135.	0.8	19
47	A natural catastrophic turnover event: individual sociality matters despite community resilience in wild house mice. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192880.	2.6	19
48	Steroid hormones in hair reveal sexual maturity and competition in wild house mice (Mus musculus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	17
49	Long-term overlap of social and genetic structure in free-ranging house mice reveals dynamic seasonal and group size effects. Environmental Epigenetics, 2021, 67, 59-69.	1.8	17
50	Interactions between red-billed oxpeckers and black rhinos in captivity. Zoo Biology, 2004, 23, 347-354.	1.2	15
51	A Selfish Genetic Element Influencing Longevity Correlates with Reactive Behavioural Traits in Female House Mice (Mus domesticus). PLoS ONE, 2013, 8, e67130.	2.5	15
52	Oxytocin and Social Preference in Female House Mice (Mus musculus domesticus). Ethology, 2016, 122, 571-581.	1.1	15
53	A reduced propensity to cooperate under enhanced exploitation risk in a social mammal. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160068.	2.6	11
54	Leaving by staying: Social dispersal in giraffes. Journal of Animal Ecology, 2021, 90, 2755-2766.	2.8	11

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55	Dynamics of a Tularemia Outbreak in a Closely Monitored Free-Roaming Population of Wild House Mice. PLoS ONE, 2015, 10, e0141103.	2.5	10
56	Tularemia among Free-Ranging Mice without Infection of Exposed Humans, Switzerland, 2012. Emerging Infectious Diseases, 2015, 21, 133-135.	4.3	10
57	No evidence for kin protection in the expression of sickness behaviors in house mice. Scientific Reports, 2018, 8, 16682.	3.3	10
58	Socially Defined Subpopulations Reveal Demographic Variation in a Giraffe Metapopulation. Journal of Wildlife Management, 2021, 85, 920-931.	1.8	10
59	Pre-reproductive alliance formation in female wild house mice (Mus domesticus): the effects of familiarity and age disparity. Acta Ethologica, 2004, 6, 53-58.	0.9	8
60	Impact of male presence on female sociality and stress endocrinology in wild house mice (Mus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	2.1	8
61	The Behaviour of the House Mouse. , 2012, , 367-381.		7
62	Immune-Endocrine Links to Gregariousness in Wild House Mice. Frontiers in Behavioral Neuroscience, 2020, 14, 10.	2.0	6
63	Genetic sexing of stock-raiding leopards: not only males to blame. Conservation Genetics Resources, 2013, 5, 1101-1105.	0.8	5
64	A genetic tool to manipulate litter size. Frontiers in Zoology, 2014, 11, 18.	2.0	5
65	Oxytocin administration during early pair formation delays communal nursing in female house mice. Animal Behaviour, 2017, 123, 61-68.	1.9	5
66	Population Density and Temperature Influence the Return on Maternal Investment in Wild House Mice. Frontiers in Ecology and Evolution, 2021, 8, .	2.2	5
67	Does a mouse have a friend? Mixed evidence for individual recognition in the African striped mouse (Rhabdomys pumilio). Journal of Zoology, 2016, 299, 142-149.	1.7	4
68	Cooperation by necessity: condition- and density-dependent reproductive tactics of female house mice. Communications Biology, 2022, 5, 348.	4.4	4
69	Living together, feeding apart: How to measure individual food consumption in social house mice. Behavior Research Methods, 2000, 32, 169-172.	1.3	3
70	Wild mice with different social network sizes vary in brain gene expression. BMC Genomics, 2020, 21, 506.	2.8	3
71	No evidence for punishment in communally nursing female house mice (Mus musculus domesticus). PLoS ONE, 2017, 12, e0179683.	2.5	3
72	The effect of polyandry on a distorter system with differential viabilities in the sexes. Communicative and Integrative Biology, 2012, 5, 550-552.	1.4	2

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73	Steroid hormones in hair and fresh wounds reveal sex specific costs of reproductive engagement and reproductive success in wild house mice (Mus musculus domesticus). Hormones and Behavior, 2022, 138, 105102.	2.1	2
74	Family dynamics reveal that female house mice preferentially breed in their maternal community. Behavioral Ecology, 2022, 33, 222-232.	2.2	1
75	Parentâ€offspring inference in inbred populations. Molecular Ecology Resources, 2022, 22, 2981-2993.	4.8	1
76	Behavioural ecology: concubinage before marriage?. Trends in Ecology and Evolution, 1995, 10, 166.	8.7	0