

# Christina D Buesching

## List of Publications by Year in descending order

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108  
papers

2,748  
citations

186265

28  
h-index

254184

43  
g-index

112  
all docs

112  
docs citations

112  
times ranked

2524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validating mammal monitoring methods and assessing the performance of volunteers in wildlife conservation. <i>Biological Conservation</i> , 2003, 113, 189-197.	4.1	170
2	Biogeographical variation in the diet of Holarctic martens (genus <i>Martes</i> , Mammalia: Carnivora: Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 70	3.0	102
3	Animal sales from Wuhan wet markets immediately prior to the COVID-19 pandemic. <i>Scientific Reports</i> , 2021, 11, 11898.	3.3	98
4	Multimodal Oestrus Advertisement in a Small Nocturnal Prosimian, <i>Microcebus murinus</i> . <i>Folia Primatologica</i> , 1998, 69, 295-308.	0.7	80
5	Gas-chromatographic analyses of the subcaudal gland secretion of the European badger ( <i>Meles meles</i> ) part I: chemical differences related to individual parameters. <i>Journal of Chemical Ecology</i> , 2002, 28, 41-56.	1.8	77
6	The distribution of Eurasian badger, <i>Meles meles</i> , setts in a high-density area: field observations contradict the sett dispersion hypothesis. <i>Oikos</i> , 2004, 106, 295-307.	2.7	70
7	Male-biased Movement in a High-density Population of the Eurasian Badger ( <i>Meles meles</i> ). <i>Journal of Mammalogy</i> , 2008, 89, 1077-1086.	1.3	63
8	An Analysis of Eurasian Badger ( <i>Meles meles</i> ) Population Dynamics: Implications for Regulatory Mechanisms. <i>Journal of Mammalogy</i> , 2009, 90, 1392-1403.	1.3	62
9	The Social Function of Allo-marking in the European Badger ( <i>Meles meles</i> ). <i>Behaviour</i> , 2003, 140, 965-980.	0.8	57
10	Individual variation in early-life telomere length and survival in a wild mammal. <i>Molecular Ecology</i> , 2019, 28, 4152-4165.	3.9	54
11	Balancing the benefits of ecotourism and development: The effects of visitor trail-use on mammals in a Protected Area in rapidly developing China. <i>Biological Conservation</i> , 2013, 165, 18-24.	4.1	51
12	Fear of the human super predator far exceeds the fear of large carnivores in a model mesocarnivore. <i>Behavioral Ecology</i> , 0, , arw117.	2.2	50
13	Encounters between two sympatric carnivores: red foxes ( <i>Vulpes vulpes</i> ) and European badgers ( <i>Meles</i> ) Tj ETQq1 1,0,784314 rgBT /O 1,7 49	1.7	49
14	Reasons for arboreality in wood mice <i>Apodemus sylvaticus</i> and Bank voles <i>Myodes glareolus</i> . <i>Mammalian Biology</i> , 2008, 73, 318-324.	1.5	48
15	Gas-chromatographic analyses of the subcaudal gland secretion of the European badger ( <i>Meles meles</i> ) part II: time-related variation in the individual-specific composition. <i>Journal of Chemical Ecology</i> , 2002, 28, 57-69.	1.8	46
16	Climate and the Individual: Inter-Annual Variation in the Autumnal Activity of the European Badger ( <i>Meles meles</i> ). <i>PLoS ONE</i> , 2014, 9, e83156.	2.5	43
17	Neighbouring group composition and within-group relatedness drive extra-group paternity rate in the European badger ( <i>Meles meles</i> ). <i>Journal of Evolutionary Biology</i> , 2014, 27, 2191-2203.	1.7	43
18	The Social Function of Latrines: A Hypothesis-Driven Research Approach. , 2019, , 94-103.		43

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19	<scp>MHC</scp> class IIâ€assortative mate choice in European badgers (<i>Meles meles</i>). Molecular Ecology, 2015, 24, 3138-3150.	3.9	40
20	Molecular characterization of the microbial communities in the subcaudal gland secretion of the European badger ( <i>Meles meles</i> ). FEMS Microbiology Ecology, 2012, 81, 648-659.	2.7	38
21	Coding of Group Odor in the Subcaudal Gland Secretion of the European Badger <i>Meles meles</i> : Chemical Composition and Pouch Microbiota. , 2016, , 45-62.		38
22	Contrasting Sociality in Two Widespread, Generalist, Mustelid Genera,<i>Meles</i>and<i>Martes</i>. Mammal Study, 2011, 36, 169-188.	0.6	36
23	Coordinated Latrine Use by European Badgers,<i>Meles meles</i>: Potential Consequences for Territory Defense. Journal of Mammalogy, 2009, 90, 1188-1198.	1.3	35
24	The function of facial masks in "midguild" carnivores. Oikos, 2005, 108, 623-633.	2.7	34
25	Heterozygosityâ€fitness correlations in a wild mammal population: accounting for parental and environmental effects. Ecology and Evolution, 2014, 4, 2594-2609.	1.9	33
26	The social integration of European badger ( <i>Meles meles</i> ) cubs into their natal group. Behaviour, 2006, 143, 683-700.	0.8	32
27	Diet of an opportunistically frugivorous carnivore,<i>Martes flavigula</i>, in subtropical forest. Journal of Mammalogy, 2011, 92, 611-619.	1.3	32
28	Involving Citizen Scientists in Biodiversity Observation. , 2017, , 211-237.		32
29	Normalizing Gasâ€Chromatographyâ€Mass Spectrometry Data: Method Choice can Alter Biological Inference. BioEssays, 2018, 40, e1700210.	2.5	32
30	The use and assessment of ketamineâ€medetomidineâ€butorphanol combinations for field anaesthesia in wild European badgers ( <i>Meles meles</i> ). Veterinary Anaesthesia and Analgesia, 2005, 32, 367-372.	0.6	31
31	A Multi-Metric Approach to Investigate the Effects of Weather Conditions on the Demographic of a Terrestrial Mammal, the European Badger ( <i>Meles meles</i> ). PLoS ONE, 2013, 8, e68116.	2.5	31
32	Revised Taxonomic Binomials Jeopardize Protective Wildlife Legislation. Conservation Letters, 2016, 9, 313-315.	5.7	30
33	No Evidence of Social Hierarchy amongst Feeding Badgers, <i>Meles meles</i> . Ethology, 2002, 108, 613-628.	1.1	28
34	Testing the effects of deer grazing on two woodland rodents, bankvoles and woodmice. Basic and Applied Ecology, 2011, 12, 207-214.	2.7	28
35	Encoded Information Within Urine Influences Behavioural Responses Among European Badgers ( <i>Meles</i> ) Tj ETQq1 1 0.784314,rgBT /O		28
36	Mustelidae Cognition. , 2018, , 1-14.		28

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37	A new Magneto-Inductive tracking technique to uncover subterranean activity: what do animals do underground?. <i>Methods in Ecology and Evolution</i> , 2015, 6, 510-520.	5.2	27
38	Are badgers "Under The Weather"? Direct and indirect impacts of climate variation on European badger ( <i>Meles meles</i> ) population dynamics. <i>Global Change Biology</i> , 2010, 16, 2913-2922.	9.5	26
39	Evidence for a Role of the Host-Specific Flea ( <i>Paraceras melis</i> ) in the Transmission of <i>Trypanosoma</i> ( <i>Megatrypanum</i> ) <i>pestanai</i> to the European Badger. <i>PLoS ONE</i> , 2011, 6, e16977.	2.5	26
40	Variations in colour and volume of the subcaudal gland secretion of badgers ( <i>Meles meles</i> ) in relation to sex, season and individual-specific parameters. <i>Mammalian Biology</i> , 2002, 67, 147-156.	1.5	25
41	Seasonal and inter-individual variation in testosterone levels in badgers <i>Meles meles</i> : evidence for the existence of two endocrinological phenotypes. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 865-871.	1.6	25
42	Will Trespassers Be Prosecuted or Assessed According to Their Merits? A Consilient Interpretation of Territoriality in a Group-Living Carnivore, the European Badger ( <i>Meles meles</i> ). <i>PLoS ONE</i> , 2015, 10, e0132432.	2.5	25
43	Heterochrony of puberty in the European badger ( <i>Meles meles</i> ) can be explained by growth rate and group-size: Evidence for two endocrinological phenotypes. <i>PLoS ONE</i> , 2019, 14, e0203910.	2.5	25
44	Variations in scent-marking behaviour of European badgers <i>Meles meles</i> in the vicinity of their setts. <i>Acta Theriologica</i> , 2004, 49, 235-246.	1.1	24
45	Woodland Recovery after Suppression of Deer: Cascade effects for Small Mammals, Wood Mice ( <i>Apodemus sylvaticus</i> ) and Bank Voles ( <i>Myodes glareolus</i> ). <i>PLoS ONE</i> , 2012, 7, e31404.	2.5	23
46	Scent-Marking Behaviour of the European Badger ( <i>Meles Meles</i> ): Resource Defence or Individual Advertisement?. , 2001, , 321-327.		22
47	Variations in Badger ( <i>Meles meles</i> ) Sett Microclimate: Differential Cub Survival between Main and Subsidiary Setts, with Implications for Artificial Sett Construction. <i>International Journal of Ecology</i> , 2010, 2010, 1-10.	0.8	22
48	Avoiding verisimilitude when modelling ecological responses to climate change: the influence of weather conditions on trapping efficiency in European badgers ( <i>Meles meles</i> ). <i>Global Change Biology</i> , 2015, 21, 3575-3585.	9.5	22
49	Seasonal dietary shifts and food resource exploitation by the hog badger ( <i>Arctonyx collaris</i> ) in a Chinese subtropical forest. <i>European Journal of Wildlife Research</i> , 2015, 61, 125-133.	1.4	22
50	An active-radio-frequency identification system capable of identifying co-locations and social structure: Validation with a wild free-ranging animal. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1822-1831.	5.2	22
51	Estimation of environmental, genetic and parental age at conception effects on telomere length in a wild mammal. <i>Journal of Evolutionary Biology</i> , 2021, 34, 296-308.	1.7	21
52	Evolution and function of fossoriality in the Carnivora: implications for group-living. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	20
53	What lies beneath? Population dynamics conceal pace-of-life and sex ratio variation, with implications for resilience to environmental change. <i>Global Change Biology</i> , 2020, 26, 3307-3324.	9.5	20
54	Badgers in the rural landscape "conservation paragon or farmland pariah? Lessons from the Wytham Badger Project. , 2015, , 65-95.		19

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55	Latrine marking patterns of badgers ( <i>Meles meles</i> ) with respect to population density and range size. <i>Ecosphere</i> , 2016, 7, e01328.	2.2	18
56	Knowing Me, Knowing You: Anal Gland Secretion of European Badgers ( <i>Meles meles</i> ) Codes for Individuality, Sex and Social Group Membership. <i>Journal of Chemical Ecology</i> , 2019, 45, 823-837.	1.8	18
57	Understanding wildlife crime in China: Socio-demographic profiling and motivation of offenders. <i>PLoS ONE</i> , 2021, 16, e0246081.	2.5	18
58	Spatio-temporal partitioning facilitates mesocarnivore sympatry in the Stara Planina Mountains, Bulgaria. <i>Zoology</i> , 2020, 141, 125801.	1.2	17
59	How dear are deer volunteers: the efficiency of monitoring deer using teams of volunteers to conduct pellet group counts. <i>Oryx</i> , 2014, 48, 593-601.	1.0	16
60	In situ behavioral plasticity as compensation for weather variability: implications for future climate change. <i>Climatic Change</i> , 2018, 149, 457-471.	3.6	16
61	Reproductive and Somatic Senescence in the European Badger ( <i>Meles meles</i> ): Evidence from Lifetime Sex-Steroid Profiles. <i>Zoology</i> , 2020, 141, 125803.	1.2	16
62	Early-life seasonal, weather and social effects on telomere length in a wild mammal. <i>Molecular Ecology</i> , 2022, 31, 5993-6007.	3.9	15
63	Hog badger ( <i>Arctonyx collaris</i> ) latrine use in relation to food abundance: evidence of the scarce factor paradox. <i>Ecosphere</i> , 2015, 6, 1-12.	2.2	14
64	Push and pull factors driving movement in a social mammal: context dependent behavioral plasticity at the landscape scale. <i>Environmental Epigenetics</i> , 2019, 65, 517-525.	1.8	14
65	Negative density-dependent parasitism in a group-living carnivore. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202655.	2.6	14
66	Effects of regional economics on the online sale of protected parrots and turtles in China. <i>Conservation Science and Practice</i> , 2020, 2, e161.	2.0	14
67	Private possession drives illegal wildlife trade in China. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 353-354.	4.0	13
68	Badger setts provide thermal refugia, buffering changeable surface weather conditions. <i>Journal of Thermal Biology</i> , 2018, 74, 226-233.	2.5	13
69	GENITAL TRACT SCREENING FINDS WIDESPREAD INFECTION WITH MUSTELID GAMMAHERPESVIRUS 1 IN THE EUROPEAN BADGER (MELES MELES). <i>Journal of Wildlife Diseases</i> , 2018, 54, 133.	0.8	12
70	China: clamp down on violations of wildlife trade ban. <i>Nature</i> , 2020, 578, 217-217.	27.8	12
71	E-commerce promotes trade in invasive turtles in China. <i>Oryx</i> , 2021, 55, 352-355.	1.0	12
72	Seed dispersers shape the pulp nutrients of fleshy-fruited plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210817.	2.6	12

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73	A fat chance of survival: Body condition provides life-history dependent buffering of environmental change in a wild mammal population. <i>Climate Change Ecology</i> , 2021, 2, 100022.	1.9	12
74	Badger macrophages fail to produce nitric oxide, a key anti-mycobacterial effector molecule. <i>Scientific Reports</i> , 2017, 7, 45470.	3.3	11
75	Effects of Weather Conditions on Oxidative Stress, Oxidative Damage, and Antioxidant Capacity in a Wild-Living Mammal, the European Badger ( <i>Meles meles</i> ). <i>Physiological and Biochemical Zoology</i> , 2018, 91, 987-1004.	1.5	11
76	China's online parrot trade: Generation length and body mass determine sales volume via price. <i>Global Ecology and Conservation</i> , 2020, 23, e01047.	2.1	11
77	High rectal temperature indicates an increased risk of unexpected recovery in anaesthetized badgers. <i>Veterinary Anaesthesia and Analgesia</i> , 2005, 32, 48-52.	0.6	10
78	Female teat size is a reliable indicator of annual breeding success in European badgers: Genetic validation. <i>Mammalian Biology</i> , 2011, 76, 716-721.	1.5	10
79	Linking plasma sex steroid hormone levels to the condition of external genitalia in European badgers ( <i>Meles meles</i> ): A critical evaluation of traditional field methodology. <i>Mammalian Biology</i> , 2018, 93, 97-108.	1.5	10
80	Roads disrupt rodent scatter-hoarding seed-dispersal services: implication for forest regeneration. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2018, 34, 102-108.	2.7	10
81	Human disturbance affects latrine use patterns of raccoon dogs. <i>Journal of Wildlife Management</i> , 2019, 83, 728-736.	1.8	10
82	Social effects on age-related and sex-specific immune cell profiles in a wild mammal. <i>Biology Letters</i> , 2020, 16, 20200234.	2.3	10
83	Rescued wildlife in China remains at risk. <i>Science</i> , 2016, 353, 999-999.	12.6	9
84	Unjustified killing of badgers in Kyushu. <i>Nature</i> , 2017, 544, 161-161.	27.8	9
85	Effects of Mustelid gammaherpesvirus 1 (MusGHV-1) Reactivation in European Badger ( <i>Meles meles</i> ) Genital Tracts on Reproductive Fitness. <i>Pathogens</i> , 2020, 9, 769.	2.8	9
86	Genetic evidence further elucidates the history and extent of badger introductions from Great Britain into Ireland. <i>Royal Society Open Science</i> , 2020, 7, 200288.	2.4	9
87	An example of life history antecedence in the European badger ( <i>Meles meles</i> ): rapid development of juvenile antioxidant capacity, from plasma vitamin E analogue. <i>Ethology Ecology and Evolution</i> , 2013, 25, 330-350.	1.4	8
88	No Compensatory Relationship between the Innate and Adaptive Immune System in Wild-Living European Badgers. <i>PLoS ONE</i> , 2016, 11, e0163773.	2.5	8
89	Discrimination behavior mediates foraging quality versus quantity trade-offs: nut choice in wild rodents. <i>Behavioral Ecology</i> , 2017, 28, 607-616.	2.2	8
90	Alternative reproductive strategies provide a flexible mechanism for assuring mating success in the European badgers ( <i>Meles meles</i> ): An investigation from hormonal measures. <i>General and Comparative Endocrinology</i> , 2021, 310, 113823.	1.8	8

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91	The illegal exploitation of hog badgers ( <i>Arctonyx collaris</i> ) in China: genetic evidence exposes regional population impacts. <i>Conservation Genetics Resources</i> , 2015, 7, 697-704.	0.8	7
92	Extrinsic factors affecting cub development contribute to sexual size dimorphism in the European badger ( <i>Meles meles</i> ). <i>Zoology</i> , 2019, 135, 125688.	1.2	7
93	Functional adaptation rather than ecogeographical rules determine body-size metrics along a thermal cline with elevation in the Chinese pygmy dormouse ( <i>Typhlomys cinereus</i> ). <i>Journal of Thermal Biology</i> , 2020, 88, 102510.	2.5	7
94	Analysis on Population Level Reveals Trappability of Wild Rodents Is Determined by Previous Trap Occupant. <i>PLoS ONE</i> , 2015, 10, e0145006.	2.5	7
95	A non-invasive method to assess the reproductive status of the European badger ( <i>Meles meles</i> ) from urinary sex-steroid metabolites. <i>General and Comparative Endocrinology</i> , 2021, 301, 113655.	1.8	6
96	Preserving identity in capture-mark-recapture studies: increasing the accuracy of minimum number alive (MNA) estimates by incorporating inter-census trapping efficiency variation. <i>Mammalian Biology</i> , 2022, 102, 567-580.	1.5	6
97	Patterns of Genital Tract Mustelid Gammaherpesvirus 1 ( <i>Musghv-1</i> ) Reactivation Are Linked to Stressors in European Badgers ( <i>Meles Meles</i> ). <i>Biomolecules</i> , 2021, 11, 716.	4.0	5
98	Testing cellular phone-enhanced GPS tracking technology for urban carnivores. <i>Animal Biotelemetry</i> , 2019, 7, .	1.9	4
99	Prosecution records reveal pangolin trading networks in China, 2014-2019. <i>Zoological Research</i> , 2021, 42, 666-670.	2.1	4
100	Communication amongst the musteloids: signs, signals, and cues. , 2018, , .		3
101	First report of <i>Cheyletiella parasitovorax</i> infestation in the Eurasian badger ( <i>Meles</i> ) Tj ETQq1 1 0.784314 ggBT /Overlock 10 0.3 2		2
102	Mouthing off about developmental stress: Individuality of palate marking in the European badger and its relationship with juvenile parasitoses. <i>Journal of Zoology</i> , 2011, 283, 52-62.	1.7	2
103	Social and Reproductive Behavior of Captive Malayan Tapirs™ ( <i>Tapirus indicus</i> ): Interactions with Maternal Experience and Environmental Conditions. <i>Scientific Reports</i> , 2020, 10, 4117.	3.3	2
104	Stress-Related Herpesvirus Reactivation in Badgers Can Result in Clostridium Proliferation. <i>EcoHealth</i> , 2021, 18, 440-450.	2.0	2
105	Male European badger churrs: insights into call function and motivational basis. <i>Mammalian Biology</i> , 2020, 100, 429-438.	1.5	1
106	Adverse weather during in utero development is linked to higher rates of later-life herpesvirus reactivation in adult European badgers, <i>Meles meles</i> . <i>Royal Society Open Science</i> , 2022, 9, 211749.	2.4	1
107	Failing badger protection. <i>Oryx</i> , 2022, 56, 170-170.	1.0	0
108	Mustelidae Cognition. , 2022, , 4471-4483.		0