

Frank Rosell

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,864
citations

331670

21
h-index

265206

42
g-index

48
all docs

48
docs citations

48
times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological impact of beavers <i>Castor fiber</i> and <i>Castor canadensis</i> and their ability to modify ecosystems. <i>Mammal Review</i> , 2005, 35, 248-276.	4.8	429
2	Comeback of the beaver <i>Castor fiber</i> : An overview of old and new conservation problems. <i>Biological Conservation</i> , 1998, 83, 165-173.	4.1	187
3	Estimates for energy expenditure in free-living animals using acceleration proxies: A reappraisal. <i>Journal of Animal Ecology</i> , 2020, 89, 161-172.	2.8	148
4	Territoriality and time budgets in beavers during sequential settlement. <i>Canadian Journal of Zoology</i> , 1994, 72, 1227-1237.	1.0	95
5	Territory and group sizes in Eurasian beavers (<i>Castor fiber</i>): echoes of settlement and reproduction?. <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 597-607.	1.4	72
6	Scent-Marking in the Eurasian Beaver (<i>Castor fiber</i>) as a Means of Territory Defense. <i>Journal of Chemical Ecology</i> , 1998, 24, 207-219.	1.8	66
7	The influence of mean climate trends and climate variance on beaver survival and recruitment dynamics. <i>Global Change Biology</i> , 2012, 18, 2730-2742.	9.5	56
8	Use of anal gland secretion to distinguish the two beaver species <i>Castor canadensis</i> and <i>C. fiber</i> . <i>Wildlife Biology</i> , 1999, 5, 119-123.	1.4	53
9	Factors Affecting Scent-Marking Behavior in Eurasian Beaver (<i>Castor fiber</i>). <i>Journal of Chemical Ecology</i> , 1997, 23, 673-689.	1.8	52
10	Time budgets and sex differences in the Eurasian beaver. <i>Animal Behaviour</i> , 2003, 66, 1059-1067.	1.9	49
11	Use of space and movement patterns in monogamous adult Eurasian beavers (<i>Castor fiber</i>). <i>Journal of Zoology</i> , 2004, 262, 257-264.	1.7	45
12	The forgotten prey of an iconic predator: a review of interactions between grey wolves <i>Canis lupus</i> and beavers <i>Castor</i> spp.. <i>Mammal Review</i> , 2018, 48, 123-138.	4.8	41
13	Reference-free SNP discovery for the Eurasian beaver from restriction site-associated DNA paired-end data. <i>Molecular Ecology</i> , 2013, 22, 3141-3150.	3.9	40
14	Territory size and age explain movement patterns in the Eurasian beaver. <i>Mammalian Biology</i> , 2016, 81, 587-594.	1.5	40
15	Proximate weather patterns and spring green-up phenology effect Eurasian beaver (<i>Castor fiber</i>) body mass and reproductive success: the implications of climate change and topography. <i>Global Change Biology</i> , 2013, 19, 1311-1324.	9.5	34
16	When to leave: the timing of natal dispersal in a large, monogamous rodent, the Eurasian beaver. <i>Animal Behaviour</i> , 2017, 123, 375-382.	1.9	34
17	Sexual Dimorphism in Territorial Scent Marking by Adult Eurasian Beavers (<i>Castor fiber</i>). <i>Journal of Chemical Ecology</i> , 2006, 32, 1301-1315.	1.8	29
18	Nuclear and mitochondrial genetic structure in the Eurasian beaver (<i>Castor fiber</i>) – implications for future reintroductions. <i>Evolutionary Applications</i> , 2014, 7, 645-662.	3.1	28

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19	ESTABLISHMENT OF A HEALTH SURVEILLANCE PROGRAM FOR REINTRODUCTION OF THE EURASIAN BEAVER (<i>CASTOR FIBER</i>) INTO SCOTLAND. <i>Journal of Wildlife Diseases</i> , 2012, 48, 971-978.	0.8	27
20	Correlates of body measurements and age in Eurasian beaver from Norway. <i>European Journal of Wildlife Research</i> , 2010, 56, 43-48.	1.4	26
21	Extra-territorial movements differ between territory holders and subordinates in a large, monogamous rodent. <i>Scientific Reports</i> , 2017, 7, 15261.	3.3	24
22	Socio-ecological features other than sex affect habitat selection in the socially obligate monogamous Eurasian beaver. <i>Oecologia</i> , 2015, 179, 1023-1032.	2.0	21
23	Causes and consequences of inverse density-dependent territorial behaviour and aggression in a monogamous mammal. <i>Journal of Animal Ecology</i> , 2020, 89, 577-588.	2.8	21
24	Parturition dates for Eurasian beaver <i>Castor fiber</i> : when should spring hunting cease?. <i>Wildlife Biology</i> , 2001, 7, 237-241.	1.4	21
25	Sex and Age Composition of Spring-Hunted Eurasian Beaver in Norway. <i>Journal of Wildlife Management</i> , 2002, 66, 1164.	1.8	20
26	Field anaesthetic and surgical techniques for implantation of intraperitoneal radio transmitters in Eurasian beavers <i>Castor fiber</i> . <i>Wildlife Biology</i> , 2004, 10, 11-15.	1.4	19
27	The 7-year itch: non-adaptive mate change in the Eurasian beaver. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	19
28	Use of dawn and dusk sight observations to determine colony size and family composition in Eurasian beaver <i>Castor fiber</i> . <i>Acta Theriologica</i> , 2006, 51, 107-112.	1.1	18
29	Conservation of the Eurasian beaver <i>Castor fiber</i> : an olfactory perspective. <i>Mammal Review</i> , 2010, 40, 293-312.	4.8	17
30	Couch potatoes do better: Delayed dispersal and territory size affect the duration of territory occupancy in a monogamous mammal. <i>Ecology and Evolution</i> , 2017, 7, 4347-4356.	1.9	16
31	Age-related changes in somatic condition and reproduction in the Eurasian beaver: Resource history influences onset of reproductive senescence. <i>PLoS ONE</i> , 2017, 12, e0187484.	2.5	16
32	Escaping drought: Seasonality effects on home range, movement patterns and habitat selection of the Guatemalan Beaded Lizard. <i>Global Ecology and Conservation</i> , 2020, 23, e01178.	2.1	11
33	Diving behavior in a free-living, semi-aquatic herbivore, the Eurasian beaver <i>Castor fiber</i> . <i>Ecology and Evolution</i> , 2018, 8, 997-1008.	1.9	10
34	Long-term capture and handling effects on body condition, reproduction and survival in a semi-aquatic mammal. <i>Scientific Reports</i> , 2020, 10, 17886.	3.3	10
35	Tool-use in a display behaviour by Eurasian beavers (<i>Castor fiber</i>). <i>Animal Cognition</i> , 2007, 10, 477-482.	1.8	9
36	Canines (<i>Canis lupus familiaris</i>) as biodetectors for conservation work: Can they discriminate the rock ptarmigan (<i>Lagopus muta</i>) from the willow grouse (<i>L. lagopus</i>) in a yes/no task?. <i>PLoS ONE</i> , 2020, 15, e0228143.	2.5	7

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37	Performance of GPS units for deployment on semiaquatic animals. PLoS ONE, 2018, 13, e0207938.	2.5	6
38	Using Radio-Frequency Identification Technology to Monitor Eurasian Beavers. Wildlife Society Bulletin, 2021, 45, 154-161.	0.8	6
39	Food caching behavior of the Eurasian beaver in northern Europe. Wildlife Biology, 2020, 2020, 1-10.	1.4	6
40	Temperature and barometric pressure affect the activity intensity and movement of an endangered thermoconforming lizard. Ecosphere, 2022, 13, .	2.2	6
41	Pest detection dogs for wood boring longhorn beetles. Scientific Reports, 2021, 11, 16887.	3.3	4
42	Dogs can scent-match individual Eurasian beavers from their anal gland secretion. Wildlife Biology, 2020, 2020, .	1.4	4
43	The impact of bio-logging on body weight change of the Eurasian beaver. PLoS ONE, 2021, 16, e0261453.	2.5	4
44	Retention and loss of PIT tags and surgically implanted devices in the Eurasian beaver. BMC Veterinary Research, 2022, 18, .	1.9	3
45	Minding your own business: low pair cohesion in a territorial, monogamous mammal. Animal Behaviour, 2020, 166, 119-128.	1.9	2
46	Territory acquisition and mate choice in a monogamous mammal, the Eurasian beaver. Animal Behaviour, 2021, 178, 165-173.	1.9	1