

Isabel Barja Nuñez

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,416
citations

257450

24
h-index

361022

35
g-index

67
all docs

67
docs citations

67
times ranked

1370
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress physiological responses to tourist pressure in a wild population of European pine marten. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 104, 136-142.	2.5	87
2	The importance of crossroads in faecal marking behaviour of the wolves (<i>Canis lupus</i>). <i>Die Naturwissenschaften</i> , 2004, 91, 489-492.	1.6	75
3	Lack of scientific evidence and precautionary principle in massive release of rodenticides threatens biodiversity: old lessons need new reflections. <i>Environmental Conservation</i> , 2009, 36, 1.	1.3	65
4	Prey and Preyâ€Age Preference by the Iberian Wolf <i>Canis Lupus Signatus</i> in a Multipleâ€Prey Ecosystem. <i>Wildlife Biology</i> , 2009, 15, 147-154.	1.4	63
5	Effects of human activity on physiological and behavioral responses of an endangered steppe bird. <i>Behavioral Ecology</i> , 2015, 26, 828-838.	2.2	59
6	Concentration of fecal cortisol metabolites in chamois in relation to tourist pressure in Tatra National Park (South Poland). <i>Acta Theriologica</i> , 2013, 58, 215-222.	1.1	58
7	Effects of tourist pressure and reproduction on physiological stress response in wildcats: management implications for species conservation. <i>Wildlife Research</i> , 2012, 39, 532.	1.4	57
8	Does predation risk, through moon phase and predator cues, modulate food intake, antipredatory and physiological responses in wood mice (<i>Apodemus sylvaticus</i>)?. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1505-1512.	1.4	53
9	Chemical scent constituents in feces of wild Iberian wolves (<i>Canis lupus signatus</i>). <i>Biochemical Systematics and Ecology</i> , 2010, 38, 1096-1102.	1.3	52
10	Relationships Between Sex and Stress Hormone Levels in Feces and Marking Behavior in a Wild Population of Iberian Wolves (<i>Canis lupus signatus</i>). <i>Journal of Chemical Ecology</i> , 2008, 34, 697-701.	1.8	51
11	Monitoring the small-scale distribution of sympatric European pine martens (<i>Martes martes</i>) and stone martens (<i>Martes foina</i>): a multievidence approach using faecal DNA analysis and camera-traps. <i>Wildlife Research</i> , 2008, 35, 434.	1.4	42
12	Decision making in plant selection during the faecal-marking behaviour of wild wolves. <i>Animal Behaviour</i> , 2009, 77, 489-493.	1.9	40
13	Does habitat type modify group size in roe deer and red deer under predation risk by Iberian wolves?. <i>Canadian Journal of Zoology</i> , 2008, 86, 170-176.	1.0	35
14	Testing Cort-Fitness and Cort-Adaptation hypotheses in a habitat suitability gradient for roe deer. <i>Acta Oecologica</i> , 2013, 53, 38-48.	1.1	35
15	Are Motorways Potential Stressors of Roadside Wood Mice (<i>Apodemus sylvaticus</i>) Populations?. <i>PLoS ONE</i> , 2014, 9, e91942.	2.5	35
16	Microcalorimetric measurements of the influence of glucose concentration on microbial activity in soils. <i>Soil Biology and Biochemistry</i> , 1999, 31, 441-447.	8.8	32
17	Physiological Stress Responses, Fecal Marking Behavior, and Reproduction in Wild European Pine Martens (<i>Martes martes</i>). <i>Journal of Chemical Ecology</i> , 2011, 37, 253-259.	1.8	32
18	Stressful living in lowerâ€quality habitats? Body mass, feeding behavior and physiological stress levels in wild wood mouse populations. <i>Integrative Zoology</i> , 2019, 14, 114-126.	2.6	30

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19	Habitat selection by European badgers in Mediterranean semi-arid ecosystems. <i>Journal of Arid Environments</i> , 2012, 76, 43-48.	2.4	29
20	Faecal marking behaviour in ringtails (<i>Bassariscus astutus</i>) during the non-breeding period: spatial characteristics of latrines and single faeces. <i>Chemoecology</i> , 2006, 16, 219-222.	1.1	28
21	Foraging, feeding, and physiological stress responses of wild wood mice to increased illumination and common genet cues. <i>Environmental Epigenetics</i> , 2018, 64, 409-417.	1.8	28
22	Are degraded habitats from agricultural crops associated with elevated faecal glucocorticoids in a wild population of common vole (<i>Microtus arvalis</i>)?. <i>Mammalian Biology</i> , 2014, 79, 36-43.	1.5	27
23	Non-invasive monitoring of adrenocortical activity in European badgers (<i>Meles meles</i>) and effects of sample collection and storage on faecal cortisol metabolite concentrations. <i>Animal Biology</i> , 2012, 62, 419-432.	1.0	26
24	Antipredatory Response and Food Intake in Wood Mice (<i>Apodemus sylvaticus</i>) under Simulated Predation Risk by Resident and Novel Carnivorous Predators. <i>Ethology</i> , 2014, 120, 90-98.	1.1	26
25	The plant physical features selected by wildcats as signal posts: an economic approach to fecal marking. <i>Die Naturwissenschaften</i> , 2012, 99, 801-809.	1.6	21
26	The concentration of fear: mice's behavioural and physiological stress responses to different degrees of predation risk. <i>Die Naturwissenschaften</i> , 2018, 105, 16.	1.6	21
27	Wood mice modify food intake under different degrees of predation risk: influence of acquired experience and degradation of predator's faecal volatile compounds. <i>Chemoecology</i> , 2017, 27, 115-122.	1.1	18
28	Nonhuman primate welfare: Can there be a relationship between personality, lateralization and physiological indicators?. <i>Behavioural Processes</i> , 2019, 166, 103897.	1.1	18
29	Changes in behaviour and faecal glucocorticoid levels in response to increased human activities during weekends in the pin-tailed sandgrouse. <i>Die Naturwissenschaften</i> , 2016, 103, 91.	1.6	16
30	Immune challenge of mating effort: steroid hormone profile, dark ventral patch and parasite burden in relation to intrasexual competition in male Iberian red deer. <i>Integrative Zoology</i> , 2020, 15, 262-275.	2.6	16
31	Trophic strategy of the wildcat <i>Felis silvestris</i> in relation to seasonal variation in the availability and vulnerability to capture of <i>Apodemus</i> mice. <i>Mammalian Biology</i> , 2011, 76, 302-307.	1.5	14
32	The effect of livestock on the physiological condition of roe deer (<i>Capreolus capreolus</i>) is modulated by habitat quality. <i>Scientific Reports</i> , 2019, 9, 15953.	3.3	14
33	Latrine behaviour and faecal corticosterone metabolites as indicators of habitat-related responses of wild rabbits to predation risk. <i>Ecological Indicators</i> , 2019, 97, 175-182.	6.3	14
34	3D Insights into the Effects of Captivity on Wolf Mastication and Their Tooth Marks; Implications in Ecological Studies of Both the Past and Present. <i>Animals</i> , 2021, 11, 2323.	2.3	14
35	A new large-scale index (AcED) for assessing traffic noise disturbance on wildlife: stress response in a roe deer (<i>Capreolus capreolus</i>) population. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 185.	2.7	13
36	The dynamics between limited-term and lifelong coinfecting bacterial parasites in wild rodent hosts. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	12

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37	Losing seasonal patterns in a hibernating omnivore? Diet quality proxies and faecal cortisol metabolites in brown bears in areas with and without artificial feeding. PLoS ONE, 2020, 15, e0242341.	2.5	12
38	Variation in stimulus, seasonal context, and response to urine marks by captive Iberian wolves (<i>Canis</i>). <i>Journal of Animal Ecology</i> , 2020, 89, 107-117.	0.9	11
39	Winter distribution of European pine marten (<i>Martes martes</i>) scats in a protected area of Galicia, Spain. <i>Mammalia</i> , 2005, 69, 435-438.	0.7	11
40	No Effects of Habitat, Prey Abundance and Competitor Carnivore Abundance on Fecal Cortisol Metabolite Levels in Wildcats (<i>Felis silvestris</i>). <i>Annales Zoologici Fennici</i> , 2015, 52, 90-102.	0.6	11
41	Social environment modulates investment in sex trait versus lifespan: red deer produce bigger antlers when facing more rivalry. <i>Scientific Reports</i> , 2020, 10, 9234.	3.3	11
42	Support vector machines for explaining physiological stress response in Wood mice (<i>Apodemus</i>). <i>Journal of Animal Ecology</i> , 2020, 89, 50-59.	3.3	10
43	Testosterone and the dark ventral patch of male red deer: the role of the social environment. <i>Die Naturwissenschaften</i> , 2020, 107, 18.	1.6	10
44	Wood mouse feeding effort and decision-making when encountering a restricted unknown food source. PLoS ONE, 2019, 14, e0212716.	2.5	9
45	Influence of livestock, habitat type, and density of roe deer (<i>Capreolus capreolus</i>) on parasitic larvae abundance and infection seroprevalence in wild populations of roe deer from central Iberian Peninsula. <i>Mammal Research</i> , 2018, 63, 213-222.	1.3	8
46	Wood mice aggressiveness and flight response to human handling: Effect of individual and environmental factors. <i>Ethology</i> , 2018, 124, 559-569.	1.1	8
47	When food access is challenging: evidence of wood mice ability to balance energy budget under predation risk and physiological stress reactions. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	8
48	Evaluating the Effectiveness of Two Distance-Sampling Techniques for Monitoring Roe Deer (<i>Capreolus capreolus</i>) Densities. <i>Annales Zoologici Fennici</i> , 2015, 52, 167-176.	0.6	7
49	Behavioral Responses of Wild Rodents to Owl Calls in an Austral Temperate Forest. <i>Animals</i> , 2021, 11, 428.	2.3	7
50	The dilution effect behind the scenes: testing the underlying assumptions of its mechanisms through quantifying the long-term dynamics and effects of a pathogen in multiple host species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210773.	2.6	7
51	Non-Invasive Monitoring of Adrenocortical Activity in Three Sympatric Desert Gerbil Species. <i>Animals</i> , 2021, 11, 75.	2.3	6
52	Behavioral responses of the European mink in the face of different threats: conspecific competitors, predators, and anthropic disturbances. <i>Scientific Reports</i> , 2021, 11, 8266.	3.3	6
53	Reproductive hormones monthly variation in free-ranging European wildcats: Lack of association with faecal marking. <i>Reproduction in Domestic Animals</i> , 2020, 55, 1784-1793.	1.4	5
54	Soil pollution by heavy metals correlates with levels of faecal glucocorticoid metabolites of a fossorial amphisbaenian reptile. <i>Environmental Pollution</i> , 2021, 9, coab085.		5

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55	Social environment with high intrasexual competition enhances the positive relationship between faecal testosterone and cortisol metabolite levels in red deer. <i>Mammalian Biology</i> , 2021, 101, 207-215.	1.5	4
56	Long-Tailed Pygmy Rice Rats Modify Their Behavioural Response and Faecal Corticosterone Metabolites in Response to Culpeo Fox but Not to Lesser Grison. <i>Animals</i> , 2021, 11, 3036.	2.3	2
57	Effect of intensity and duration of anthropic noises on European mink locomotor activity and fecal cortisol metabolite levels. <i>Environmental Epigenetics</i> , 2022, 68, 688-699.	1.8	1
58	Thermodynamics of prednisone complexation in β -cyclodextrin. <i>Thermochimica Acta</i> , 1993, 224, 71-75.	2.7	0
59	Evaluating adrenal activity and effects related with the collection and conservation of faecal samples to understand the physiological stress responses of wild European badgers. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, S63.	1.8	0
60	The role of steroid hormones and individual traits in food intake in the wood mouse (<i>Apodemus</i>)	1.6	0
61	Surrounded by challenges: The simulated presence of competitors and predators modulates perianal secretion marking behaviour in the European mink (<i>Mustela lutreola</i>). <i>Behavioural Processes</i> , 2021, 193, 104508.	1.1	0
62	Colour Preferences in Relation to Diet in Chimpanzees (<i>Pan troglodytes</i>), Gorillas (<i>Gorilla gorilla</i>) and Mandrills (<i>Mandrillus sphinx</i>). <i>Folia Primatologica</i> , 2021, 92, 306-314.	0.7	0