

# Rupert Palme

## List of Publications by Citations

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388  
papers

13,155  
citations

54  
h-index

101  
g-index

425  
ext. papers

15,378  
ext. citations

3.2  
avg, IF

6.85  
L-index

#	Paper	IF	Citations
388	Hormones as indicators of stress. <i>Domestic Animal Endocrinology</i> , <b>2002</b> , 23, 67-74	2.3	666
387	Measuring stress in wildlife: techniques for quantifying glucocorticoids. <i>Oecologia</i> , <b>2011</b> , 166, 869-87	2.9	524
386	Measuring fecal glucocorticoid metabolites in mammals and birds: the importance of validation. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1046, 54-74	6.5	503
385	Effects of sex and time of day on metabolism and excretion of corticosterone in urine and feces of mice. <i>General and Comparative Endocrinology</i> , <b>2003</b> , 130, 267-78	3	386
384	Antidepressants recruit new neurons to improve stress response regulation. <i>Molecular Psychiatry</i> , <b>2011</b> , 16, 1177-88	15.1	347
383	Stress hormones in mammals and birds: comparative aspects regarding metabolism, excretion, and noninvasive measurement in fecal samples. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1040, 162-71	6.5	311
382	Measuring fecal steroids: guidelines for practical application. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1046, 75-80	6.5	295
381	Excretion of infused <sup>14</sup> C-steroid hormones via faeces and urine in domestic livestock. <i>Animal Reproduction Science</i> , <b>1996</b> , 43, 43-63	2.1	292
380	Analyzing corticosterone metabolites in fecal samples of mice: a noninvasive technique to monitor stress hormones. <i>Hormones and Behavior</i> , <b>2004</b> , 45, 10-22	3.7	257
379	Density triggers maternal hormones that increase adaptive offspring growth in a wild mammal. <i>Science</i> , <b>2013</b> , 340, 1215-7	33.3	256
378	Faecal steroid analysis for non-invasive monitoring of reproductive status in farm, wild and zoo animals. <i>Animal Reproduction Science</i> , <b>1996</b> , 42, 515-526	2.1	255
377	Measurement of cortisol metabolites in faeces of ruminants. <i>Veterinary Research Communications</i> , <b>2002</b> , 26, 127-39	2.9	235
376	Non-invasive measurement of glucocorticoids: Advances and problems. <i>Physiology and Behavior</i> , <b>2019</b> , 199, 229-243	3.5	214
375	Comparative aspects of the metabolism and excretion of cortisol in three individual nonhuman primates. <i>General and Comparative Endocrinology</i> , <b>2000</b> , 117, 427-38	3	191
374	Measurement of corticosterone metabolites in birds' droppings: an analytical approach. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1046, 17-34	6.5	172
373	Voluntary exercise induces anxiety-like behavior in adult C57BL/6J mice correlating with hippocampal neurogenesis. <i>Hippocampus</i> , <b>2010</b> , 20, 364-76	3.5	165
372	Comparison of different enzyme-immunoassays for assessment of adrenocortical activity in primates based on fecal analysis. <i>American Journal of Primatology</i> , <b>2006</b> , 68, 257-73	2.5	161

371	Effects of season, sex, and sample collection on concentrations of fecal cortisol metabolites in red deer ( <i>Cervus elaphus</i> ). <i>General and Comparative Endocrinology</i> , <b>2003</b> , 130, 48-54	3	137
370	Non-invasive assessment of adrenocortical function in the male African elephant ( <i>Loxodonta africana</i> ) and its relation to musth. <i>General and Comparative Endocrinology</i> , <b>2003</b> , 134, 156-66	3	136
369	Mice selected for high versus low stress reactivity: a new animal model for affective disorders. <i>Psychoneuroendocrinology</i> , <b>2008</b> , 33, 839-62	5	135
368	Measurement of faecal cortisol metabolites in cats and dogs: a non-invasive method for evaluating adrenocortical function. <i>Veterinary Research Communications</i> , <b>2001</b> , 25, 271-87	2.9	135
367	Ski tourism affects habitat use and evokes a physiological stress response in capercaillie <i>Tetrao urogallus</i> : a new methodological approach. <i>Journal of Applied Ecology</i> , <b>2007</b> , 45, 845-853	5.8	133
366	Measurement of glucocorticoid metabolite concentrations in faeces of domestic livestock. <i>Transboundary and Emerging Diseases</i> , <b>1999</b> , 46, 621-31		133
365	Monitoring stress hormone metabolites as a useful, non-invasive tool for welfare assessment in farm animals. <i>Animal Welfare</i> , <b>2012</b> , 21, 331-337	2.9	132
364	Characterization of urinary and fecal metabolites of testosterone and their measurement for assessing gonadal endocrine function in male nonhuman primates. <i>General and Comparative Endocrinology</i> , <b>2002</b> , 129, 135-45	3	125
363	Spreading free-riding snow sports represent a novel serious threat for wildlife. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 1219-24	4.4	116
362	Phenotypic differences in behavior, physiology and neurochemistry between rats selected for tameness and for defensive aggression towards humans. <i>Hormones and Behavior</i> , <b>2008</b> , 53, 413-21	3.7	107
361	Fecal cortisol metabolite levels in free-ranging North American red squirrels: Assay validation and the effects of reproductive condition. <i>General and Comparative Endocrinology</i> , <b>2010</b> , 167, 279-86	3	97
360	Measurement of corticosterone metabolites in chicken droppings. <i>British Poultry Science</i> , <b>2004</b> , 45, 704-119		94
359	Assessing feed efficiency in beef steers through feeding behavior, infrared thermography and glucocorticoids. <i>Animal</i> , <b>2010</b> , 4, 692-701	3.1	93
358	Multifaceted strain-specific effects in a mouse model of depression and of antidepressant reversal. <i>Psychoneuroendocrinology</i> , <b>2008</b> , 33, 1357-68	5	91
357	Transport stress in cattle as reflected by an increase in faecal cortisol metabolite concentrations. <i>Veterinary Record</i> , <b>2000</b> , 146, 108-9	0.9	85
356	Non-invasive measurement of adrenocortical activity in male and female rats. <i>Laboratory Animals</i> , <b>2007</b> , 41, 372-87	2.6	81
355	Wheel-running in a transgenic mouse model of Alzheimer's disease: protection or symptom?. <i>Behavioural Brain Research</i> , <b>2008</b> , 190, 74-84	3.4	80
354	Hair cortisol: a parameter of chronic stress? Insights from a radiometabolism study in guinea pigs. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2012</b> , 182, 985-96	2.2	79

353	Modulation of behavioural profile and stress response by 5-HTT genotype and social experience in adulthood. <i>Behavioural Brain Research</i> , <b>2010</b> , 207, 21-9	3.4	79
352	Activity changes and marked stereotypic behavior precede Abeta pathology in TgCRND8 Alzheimer mice. <i>Neurobiology of Aging</i> , <b>2006</b> , 27, 955-64	5.6	74
351	Impaired daily glucocorticoid rhythm in Per1 ( Brd ) mice. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2006</b> , 192, 769-75	2.3	74
350	Noninvasive monitoring of adrenocortical activity in roe deer ( <i>Capreolus capreolus</i> ) by measurement of fecal cortisol metabolites. <i>General and Comparative Endocrinology</i> , <b>2001</b> , 123, 111-20	3	73
349	Mouse social stress induces increased fear conditioning, helplessness and fatigue to physical challenge together with markers of altered immune and dopamine function. <i>Neuropharmacology</i> , <b>2014</b> , 85, 328-41	5.5	71
348	Severity classification of repeated isoflurane anesthesia in C57BL/6JRj mice-Assessing the degree of distress. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179588	3.7	71
347	Testing the threat-sensitive predator avoidance hypothesis: physiological responses and predator pressure in wild rabbits. <i>Oecologia</i> , <b>2009</b> , 158, 615-23	2.9	69
346	A less stressful alternative to oral gavage for pharmacological and toxicological studies in mice. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 260, 65-9	4.6	65
345	Excretion of corticosteroid metabolites in urine and faeces of rats. <i>Laboratory Animals</i> , <b>2001</b> , 35, 307-14	2.6	64
344	Partial reductions in mechanical loading yield proportional changes in bone density, bone architecture, and muscle mass. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 875-85	6.3	62
343	Age- and sex-dependent development of adrenocortical hyperactivity in a transgenic mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2004</b> , 25, 893-904	5.6	62
342	Excretion of corticosteroids in urine and faeces of hares ( <i>Lepus europaeus</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2000</b> , 170, 163-8	2.2	61
341	Winter tourism increases stress hormone levels in the Capercaillie Tetrao urogallus. <i>Ibis</i> , <b>2011</b> , 153, 122-133	3.3	60
340	Rhythmicity in mice selected for extremes in stress reactivity: behavioural, endocrine and sleep changes resembling endophenotypes of major depression. <i>PLoS ONE</i> , <b>2009</b> , 4, e4325	3.7	60
339	Salivary cortisol and cardiovascular reactivity to a public speaking task in a virtual and real-life environment. <i>Computers in Human Behavior</i> , <b>2016</b> , 62, 124-135	7.7	59
338	Interaction of brain 5-HT synthesis deficiency, chronic stress and sex differentially impact emotional behavior in Tph2 knockout mice. <i>Psychopharmacology</i> , <b>2015</b> , 232, 2429-41	4.7	57
337	Salivary cortisol and behavior in therapy dogs during animal-assisted interventions: A pilot study. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , <b>2014</b> , 9, 98-106	1.9	57
336	Effects of stress in hens on the behaviour of their offspring. <i>Applied Animal Behaviour Science</i> , <b>2007</b> , 107, 66-77	2.2	56

335	Stress and demographic decline: a potential effect mediated by impairment of reproduction and immune function in cyclic vole populations. <i>Physiological and Biochemical Zoology</i> , <b>2008</b> , 81, 63-73	2	55
334	Stress and the microbiome: linking glucocorticoids to bacterial community dynamics in wild red squirrels. <i>Biology Letters</i> , <b>2016</b> , 12, 20150875	3.6	54
333	Hormones, parasites and male mating tactics in Alpine chamois: identifying the mechanisms of life history trade-offs. <i>Animal Behaviour</i> , <b>2012</b> , 84, 1061-1070	2.8	54
332	Non-invasive measurement of the physiological stress response of wild rabbits to the odour of a predator. <i>Chemoecology</i> , <b>2006</b> , 16, 25-29	2	54
331	Assessment of the stress response in Columbian ground squirrels: laboratory and field validation of an enzyme immunoassay for fecal cortisol metabolites. <i>Physiological and Biochemical Zoology</i> , <b>2009</b> , 82, 291-301	2	53
330	Evaluating the temperament in shelter dogs. <i>Behaviour</i> , <b>2005</b> , 142, 1307-1328	1.4	53
329	The response of C57BL/6J and BALB/cJ mice to increased housing density. <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2009</b> , 48, 740-53	1.3	53
328	Corticosterone in chicken eggs. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1046, 193-203	6.5	52
327	Concentrations of faecal glucocorticoid metabolites in physically injured free-ranging African elephants <i>Loxodonta africana</i> . <i>Wildlife Biology</i> , <b>2010</b> , 16, 323-332	1.7	51
326	Pain causes increased concentrations of glucocorticoid metabolites in horse feces. <i>Journal of Equine Veterinary Science</i> , <b>2000</b> , 20, 586-590	1.2	51
325	How does diet affect fecal steroid hormone metabolite concentrations? An experimental examination in red squirrels. <i>General and Comparative Endocrinology</i> , <b>2011</b> , 174, 124-31	3	50
324	Therapy dogs' salivary cortisol levels vary during animal-assisted interventions. <i>Animal Welfare</i> , <b>2013</b> , 22, 369-378	2.9	49
323	Social stress shortens lifespan in mice. <i>Aging Cell</i> , <b>2018</b> , 17, e12778	9.9	49
322	Mountain-top and valley-bottom experiences: the stress axis as an integrator of environmental variability in arctic ground squirrel populations. <i>Journal of Zoology</i> , <b>2012</b> , 287, 65-75	2	48
321	Measuring corticosterone metabolites in droppings of capercaillies ( <i>Tetrao urogallus</i> ). <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1046, 96-108	6.5	48
320	Disturbance of wildlife by outdoor winter recreation: allostatic stress response and altered activity-energy budgets <b>2015</b> , 25, 1197-212		44
319	Effect of brooders on feather pecking and cannibalism in domestic fowl ( <i>Gallus gallus domesticus</i> ). <i>Applied Animal Behaviour Science</i> , <b>2006</b> , 99, 287-300	2.2	44
318	A noninvasive technique to evaluate human-generated stress in the black grouse. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1046, 81-95	6.5	43

3 <sup>17</sup>	Circadian activity of the hypothalamic-pituitary-adrenal axis is differentially affected in the rat chronic mild stress model of depression. <i>Stress</i> , <b>2012</b> , 15, 647-57	3	42
3 <sup>16</sup>	Mountain hares <i>Lepus timidus</i> and tourism: stress events and reactions. <i>Journal of Applied Ecology</i> , <b>2014</b> , 51, 6-12	5.8	41
3 <sup>15</sup>	Effects of season, age, sex, and housing on salivary cortisol concentrations in horses. <i>Domestic Animal Endocrinology</i> , <b>2015</b> , 52, 11-6	2.3	41
3 <sup>14</sup>	Non-invasive measurement of adrenocortical and gonadal activity in male and female guinea pigs ( <i>Cavia aperea f. porcellus</i> ). <i>General and Comparative Endocrinology</i> , <b>2008</b> , 156, 482-9	3	41
3 <sup>13</sup>	Assessment of carprofen and buprenorphine on recovery of mice after surgical removal of the mammary fat pad. <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2010</b> , 49, 610-6	1.3	41
3 <sup>12</sup>	Influence of external factors on hair cortisol concentrations. <i>General and Comparative Endocrinology</i> , <b>2016</b> , 233, 73-78	3	40
3 <sup>11</sup>	Does learning performance in horses relate to fearfulness, baseline stress hormone, and social rank?. <i>Applied Animal Behaviour Science</i> , <b>2012</b> , 140, 44-52	2.2	39
3 <sup>10</sup>	Integration into the dairy cow herd: Long-term effects of mother contact during the first twelve weeks of life. <i>Applied Animal Behaviour Science</i> , <b>2012</b> , 141, 117-129	2.2	39
3 <sup>09</sup>	Low plasma cortisol and fecal cortisol metabolite measures as indicators of compromised welfare in domestic horses ( <i>Equus caballus</i> ). <i>PLoS ONE</i> , <b>2017</b> , 12, e0182257	3.7	38
3 <sup>08</sup>	Effects of Cage Enrichment on Behavior, Welfare and Outcome Variability in Female Mice. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 232	3.5	38
3 <sup>07</sup>	Flow, social interaction anxiety and salivary cortisol responses in serious games: A quasi-experimental study. <i>Computers and Education</i> , <b>2014</b> , 79, 69-100	9.5	37
3 <sup>06</sup>	Non-Invasive Monitoring of the Adrenocortical Response in Red Deer. <i>Journal of Wildlife Management</i> , <b>2003</b> , 67, 258	1.9	37
3 <sup>05</sup>	Are cats ( <i>Felis catus</i> ) from multi-cat households more stressed? Evidence from assessment of fecal glucocorticoid metabolite analysis. <i>Physiology and Behavior</i> , <b>2013</b> , 122, 72-5	3.5	35
3 <sup>04</sup>	Endocrine correlates of musth and the impact of ecological and social factors in free-ranging African elephants ( <i>Loxodonta africana</i> ). <i>Hormones and Behavior</i> , <b>2010</b> , 57, 506-14	3.7	35
3 <sup>03</sup>	Faecal Metabolites of Infused 14C-Progesterone in Domestic Livestock. <i>Reproduction in Domestic Animals</i> , <b>1997</b> , 32, 199-206	1.6	35
3 <sup>02</sup>	Impact of repeated anesthesia with ketamine and xylazine on the well-being of C57BL/6JRj mice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203559	3.7	35
3 <sup>01</sup>	Sleeping tight or hiding in fright? The welfare implications of different subtypes of inactivity in mink. <i>Applied Animal Behaviour Science</i> , <b>2013</b> , 144, 138-146	2.2	34
3 <sup>00</sup>	The calm mouse: an animal model of stress reduction. <i>Molecular Medicine</i> , <b>2012</b> , 18, 606-17	6.2	34

299	Does hierarchy stability influence testosterone and cortisol levels of bearded capuchin monkeys ( <i>Sapajus libidinosus</i> ) adult males? A comparison between two wild groups. <i>Behavioural Processes</i> , <b>2014</b> , 109 Pt A, 79-88	1.6	33
298	Are motorways potential stressors of roadside wood mice ( <i>Apodemus sylvaticus</i> ) populations?. <i>PLoS ONE</i> , <b>2014</b> , 9, e91942	3.7	32
297	Behaviour and stress responses in horses with gastric ulceration. <i>Applied Animal Behaviour Science</i> , <b>2012</b> , 142, 160-167	2.2	32
296	Different types of oestrous cycle in two closely related South American rodents ( <i>Cavia aperea</i> and <i>Galea musteloides</i> ) with different social and mating systems. <i>Reproduction</i> , <b>2001</b> , 121, 791-801	3.8	32
295	Taking the stress out of blood collection: comparison of field blood-sampling techniques for analysis of baseline corticosterone. <i>Journal of Avian Biology</i> , <b>2008</b> , 39, 588-592	1.9	31
294	The effects of sex, age and commensal way of life on levels of fecal glucocorticoid metabolites in spiny mice ( <i>Acomys cahirinus</i> ). <i>Physiology and Behavior</i> , <b>2008</b> , 95, 187-93	3.5	31
293	The introduction of individual goats into small established groups has serious negative effects on the introduced goat but not on resident goats. <i>Applied Animal Behaviour Science</i> , <b>2012</b> , 138, 47-59	2.2	30
292	Faecal glucocorticoid metabolites: how to express yourself - comparison of absolute amounts versus concentrations in samples from a study in laboratory rats. <i>Laboratory Animals</i> , <b>2010</b> , 44, 192-8	2.6	30
291	Selection against stereotypic behaviour may have contradictory consequences for the welfare of farm mink ( <i>Mustela vison</i> ). <i>Applied Animal Behaviour Science</i> , <b>2007</b> , 107, 110-119	2.2	30
290	Environmentally enriched male mink gain more copulations than stereotypic, barren-reared competitors. <i>PLoS ONE</i> , <b>2013</b> , 8, e80494	3.7	29
289	Mother rearing of dairy calves: Reactions to isolation and to confrontation with an unfamiliar conspecific in a new environment. <i>Applied Animal Behaviour Science</i> , <b>2013</b> , 147, 43-54	2.2	28
288	Vaccination against GnRH may suppress aggressive behaviour and musth in African elephant ( <i>Loxodonta africana</i> ) bulls—a pilot study. <i>Journal of the South African Veterinary Association</i> , <b>2010</b> , 81, 8-15	0.8	28
287	Heat stress in cows at pasture and benefit of shade in a temperate climate region. <i>International Journal of Biometeorology</i> , <b>2018</b> , 62, 585-595	3.7	28
286	Effects of prenatal stress on hypothalamic-pituitary-adrenal (HPA) axis function over two generations of guinea pigs ( <i>Cavia aperea f. porcellus</i> ). <i>General and Comparative Endocrinology</i> , <b>2012</b> , 176, 18-27	3	27
285	Effects of mother versus artificial rearing during the first 12 weeks of life on challenge responses of dairy cows. <i>Applied Animal Behaviour Science</i> , <b>2015</b> , 164, 1-11	2.2	27
284	Resilient emotionality and molecular compensation in mice lacking the oligodendrocyte-specific gene <i>Cnp1</i> . <i>Translational Psychiatry</i> , <b>2011</b> , 1, e42	8.6	27
283	The influence of gentle interactions on avoidance distance towards humans, weight gain and physiological parameters in group-housed dairy calves. <i>Applied Animal Behaviour Science</i> , <b>2015</b> , 172, 9-16	2.2	26
282	Living in a dangerous world decreases maternal care: a study in serotonin transporter knockout mice. <i>Hormones and Behavior</i> , <b>2011</b> , 60, 397-407	3.7	26

281	Sex differences in the excretion of fecal glucocorticoid metabolites in the Syrian hamster. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2010</b> , 180, 919-25	2.2	26
280	Measurement of concentrations of Faecal Glucocorticoid Metabolites in free-ranging African Elephants within the Kruger National Park. <i>Koedoe</i> , <b>2008</b> , 50,	1.1	26
279	Milking of Brown Swiss and Austrian Simmental cows in a herringbone parlour or an automatic milking unit. <i>Applied Animal Behaviour Science</i> , <b>2004</b> , 88, 209-225	2.2	26
278	Individual differences in behaviour and in adrenocortical activity in beef-suckler cows. <i>Applied Animal Behaviour Science</i> , <b>2003</b> , 84, 167-183	2.2	26
277	The measurement of glucocorticoid concentrations in the serum and faeces of captive African elephants ( <i>Loxodonta africana</i> ) after ACTH stimulation. <i>Journal of the South African Veterinary Association</i> , <b>2000</b> , 71, 192-6	0.8	26
276	Assessment of chronic stress in sheep (part I): The use of cortisol and cortisone in hair as non-invasive biological markers. <i>Small Ruminant Research</i> , <b>2015</b> , 132, 25-31	1.7	25
275	Long-term dim light during nighttime changes activity patterns and space use in experimental small mammal populations. <i>Environmental Pollution</i> , <b>2018</b> , 238, 844-851	9.3	25
274	A non-invasive method for measuring glucocorticoid metabolites (GCM) in Mountain hares ( <i>Lepus timidus</i> ). <i>European Journal of Wildlife Research</i> , <b>2009</b> , 55, 615-620	2	25
273	Stress and stereotypic behaviour in mink ( <i>Mustela vison</i> ): a focus on adrenocortical activity. <i>Stress</i> , <b>2011</b> , 14, 312-23	3	25
272	Seasonal changes in cortisol and progesterone secretion in Common hamsters. <i>General and Comparative Endocrinology</i> , <b>2007</b> , 152, 14-21	3	25
271	The stress of being alone: Removal from the colony, but not social subordination, increases fecal cortisol metabolite levels in eusocial naked mole-rats. <i>Hormones and Behavior</i> , <b>2020</b> , 121, 104720	3.7	24
270	Measurement of fecal glucocorticoid metabolite levels in Eurasian red squirrels ( <i>Sciurus vulgaris</i> ): effects of captivity, sex, reproductive condition, and season. <i>Journal of Mammalogy</i> , <b>2016</b> , 97, 1385-1398	1.8	24
269	Plasma cortisol and faecal cortisol metabolites concentrations in stereotypic and non-stereotypic horses: do stereotypic horses cope better with poor environmental conditions?. <i>BMC Veterinary Research</i> , <b>2013</b> , 9, 3	2.7	24
268	Away game or home match: the influence of venue and serotonin transporter genotype on the display of offensive aggression. <i>Behavioural Brain Research</i> , <b>2011</b> , 219, 291-301	3.4	24
267	Phenotypic variability between Social Dominance Ranks in laboratory mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 6593	4.9	23
266	Assessing the impact of live-capture, confinement, and translocation on stress and fate in eastern gray squirrels. <i>Journal of Mammalogy</i> , <b>2013</b> , 94, 1401-1411	1.8	23
265	Noninvasive monitoring of fecal cortisol metabolites in the eastern chipmunk ( <i>Tamias striatus</i> ): validation and comparison of two enzyme immunoassays. <i>Physiological and Biochemical Zoology</i> , <b>2012</b> , 85, 183-93	2	23
264	Periparturient nest building: Implications for parturition, kit survival, maternal stress and behaviour in farmed mink ( <i>Mustela vison</i> ). <i>Applied Animal Behaviour Science</i> , <b>2008</b> , 114, 270-283	2.2	23



263	Mixed-strain housing for female C57BL/6, DBA/2, and BALB/c mice: validating a split-plot design that promotes refinement and reduction. <i>BMC Medical Research Methodology</i> , <b>2016</b> , 16, 11	4.7	22
262	Loner or socializer? Ravens' adrenocortical response to individual separation depends on social integration. <i>Hormones and Behavior</i> , <b>2016</b> , 78, 194-9	3.7	22
261	Turning Shy on a Winter's Day: Effects of Season on Personality and Stress Response in <i>Microtus arvalis</i> . <i>Ethology</i> , <b>2014</b> , 120, 753-767	1.7	22
260	Carrier training cats reduces stress on transport to a veterinary practice. <i>Applied Animal Behaviour Science</i> , <b>2018</b> , 206, 64-74	2.2	22
259	Social dominance hierarchy type and rank contribute to phenotypic variation within cages of laboratory mice. <i>Scientific Reports</i> , <b>2019</b> , 9, 13650	4.9	21
258	Incubation temperature affects the expression of young precocial birds' fear-related behaviours and neuroendocrine correlates. <i>Scientific Reports</i> , <b>2018</b> , 8, 1857	4.9	21
257	The winner and loser effect, serotonin transporter genotype, and the display of offensive aggression. <i>Physiology and Behavior</i> , <b>2011</b> , 103, 565-74	3.5	21
256	Maternal androgens and behaviour in free-ranging North American red squirrels. <i>Animal Behaviour</i> , <b>2011</b> , 81, 469-479	2.8	21
255	Stress in biological invasions: Introduced invasive grey squirrels increase physiological stress in native Eurasian red squirrels. <i>Journal of Animal Ecology</i> , <b>2018</b> , 87, 1342-1352	4.7	21
254	One size does not fit all: Monitoring faecal glucocorticoid metabolites in marsupials. <i>General and Comparative Endocrinology</i> , <b>2017</b> , 244, 146-156	3	20
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251	Excretion and measurement of corticosterone and testosterone metabolites in bank voles ( <i>Myodes glareolus</i> ). <i>General and Comparative Endocrinology</i> , <b>2017</b> , 243, 39-50	3	20
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247	Prominent corticosteroid disturbance in experimental prion disease. <i>European Journal of Neuroscience</i> , <b>2006</b> , 23, 2723-30	3.5	20
246	Daily exposure to a touchscreen-paradigm and associated food restriction evokes an increase in adrenocortical and neural activity in mice. <i>Hormones and Behavior</i> , <b>2016</b> , 81, 97-105	3.7	20

245	Effects of stereotypic behaviour and chronic mild stress on judgement bias in laboratory mice. <i>Applied Animal Behaviour Science</i> , <b>2016</b> , 174, 162-172	2.2	19
244	Evidence-based severity assessment: Impact of repeated versus single open-field testing on welfare in C57BL/6J mice. <i>Behavioural Brain Research</i> , <b>2018</b> , 336, 261-268	3.4	19
243	Physiological response to etho-ecological stressors in male Alpine chamois: timescale matters!. <i>Die Naturwissenschaften</i> , <b>2014</b> , 101, 577-86	2	19
242	Benefits of adversity?! How life history affects the behavioral profile of mice varying in serotonin transporter genotype. <i>Frontiers in Behavioral Neuroscience</i> , <b>2015</b> , 9, 47	3.5	19
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240	Sex-specific impact of prenatal stress on growth and reproductive parameters of guinea pigs. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2012</b> , 182, 1117-27	2.2	19
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238	Clustered environmental enrichments induce more aggression and stereotypic behaviour than do dispersed enrichments in female mice. <i>Applied Animal Behaviour Science</i> , <b>2011</b> , 131, 145-152	2.2	19
237	Feed barrier design affects behaviour and physiology in goats. <i>Applied Animal Behaviour Science</i> , <b>2011</b> , 133, 40-53	2.2	19
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233	Factors influencing the welfare of goats in small established groups during the separation and reintegration of individuals. <i>Applied Animal Behaviour Science</i> , <b>2013</b> , 144, 63-72	2.2	18
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231	Enriched environment and stress exposure influence splenic B lymphocyte composition. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180771	3.7	18
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227	Effect of three different forms of handling on the variation of aggression-associated parameters in individually and group-housed male C57BL/6NCrl mice. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215367	3.7	16
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225	Assessment and refinement of intra-bone marrow transplantation in mice. <i>Laboratory Animals</i> , <b>2015</b> , 49, 121-31	2.6	16
224	Intrahippocampal corticosterone response in mice selectively bred for extremes in stress reactivity: a microdialysis study. <i>Journal of Neuroendocrinology</i> , <b>2010</b> , 22, 1187-97	3.8	16
223	Glucocorticoid response to changes in enclosure size and human proximity in the Persian onager ( <i>Equus hemionus onager</i> ). <i>Stress</i> , <b>2012</b> , 15, 52-61	3	16
222	Benefits of a ball and chain: simple environmental enrichments improve welfare and reproductive success in farmed American mink ( <i>Neovison vison</i> ). <i>PLoS ONE</i> , <b>2014</b> , 9, e110589	3.7	16
221	Assessing Stress in Arctic Lemmings: Fecal Metabolite Levels Reflect Plasma Free Corticosterone Levels. <i>Physiological and Biochemical Zoology</i> , <b>2017</b> , 90, 370-382	2	15
220	The importance of individual heterogeneity for interpreting faecal glucocorticoid metabolite levels in wildlife studies. <i>Journal of Applied Ecology</i> , <b>2018</b> , 55, 2043-2054	5.8	15
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204	S100B overexpression increases behavioral and neural plasticity in response to the social environment during adolescence. <i>Journal of Psychiatric Research</i> , <b>2013</b> , 47, 1791-9	5.2	14
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179	An integrated analysis of social stress in laying hens: The interaction between physiology, behaviour, and hierarchy. <i>Behavioural Processes</i> , <b>2018</b> , 149, 43-51	1.6	11
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167	Consequences of climate-induced vegetation changes exceed those of human disturbance for wild impala in the Serengeti ecosystem <b>2020</b> , 8, coz117		10
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117	Glucocorticoid-environment relationships align with responses to environmental change in two co-occurring congeners <b>2018</b> , 28, 1683-1693		6
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111	The impact of handling technique and handling frequency on laboratory mouse welfare is sex-specific. <i>Scientific Reports</i> , <b>2020</b> , 10, 17281	4.9	6
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107	Validation of an Enzyme Immunoassay for Measuring Fecal Cortisol Metabolites of Bearded ( <i>Sapajus libidinosus</i> ) and Black ( <i>Sapajus nigritus</i> ) Capuchins. <i>International Journal of Primatology</i> , <b>2017</b> , 38, 1002-1016	2	5
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