

Rupert Palme

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Translocation stress is reflected in corticosterone metabolites in pheasant (<i>Phasianus colchicus</i>) droppings. <i>Acta Veterinaria Brno</i> , 2022 , 91, 51-58	0.8	0
387	Territorial scent-marking effects on vigilance behavior, space use, and stress in female Columbian ground squirrels.. <i>Hormones and Behavior</i> , 2022 , 139, 105111	3.7	0
386	Invasive alien species as an environmental stressor and its effects on coping style in a native competitor, the Eurasian red squirrel.. <i>Hormones and Behavior</i> , 2022 , 140, 105127	3.7	3
385	Evolution of an increased performance under acute challenge does not exacerbate vulnerability to chronic stress.. <i>Scientific Reports</i> , 2022 , 12, 2126	4.9	
384	Glucocorticoids coordinate changes in gut microbiome composition in wild North American red squirrels.. <i>Scientific Reports</i> , 2022 , 12, 2605	4.9	0
383	Development of behavioral patterns in young C57BL/6J mice: a home cage-based study.. <i>Scientific Reports</i> , 2022 , 12, 2550	4.9	1
382	The impact of tethered recording techniques on activity and sleep patterns in rats.. <i>Scientific Reports</i> , 2022 , 12, 3179	4.9	0
381	Temporal stability of fecal cortisol metabolites in mountain-dwelling ungulates.. <i>Die Naturwissenschaften</i> , 2022 , 109, 20	2	0
380	Do multiple experimenters improve the reproducibility of animal studies?. <i>PLoS Biology</i> , 2022 , 20, e3001564	6.4	1
379	When left is right: The effects of paw preference training on behaviour in mice. <i>Behavioural Brain Research</i> , 2022 , 430, 113929	3.4	
378	Exploring the Evacuation of Dairy Cattle at Night in Collaboration with the Fire Brigade: How to Prepare Openings for Swift Rescue in Case of Barn Fire. <i>Animals</i> , 2022 , 12, 1344	3.1	
377	How environmental conditions affect sleep? An investigation in domestic dogs (<i>Canis lupus familiaris</i>). <i>Behavioural Processes</i> , 2022 , 199, 104662	1.6	0
376	Analysis of Pain and Analgesia Protocols in Acute Cerulein-Induced Pancreatitis in Male C57BL/6 Mice. <i>Frontiers in Physiology</i> , 2021 , 12, 744638	4.6	0
375	Reflections of ecological differences? Stress responses of sympatric Alpine chamois and red deer to weather, forage quality, and human disturbance. <i>Ecology and Evolution</i> , 2021 , 11, 15740-15753	2.8	1
374	Habituation of salivary cortisol and cardiovascular reactivity to a repeated real-life and virtual reality Trier Social Stress Test. <i>Physiology and Behavior</i> , 2021 , 242, 113618	3.5	3
373	Additional Assessment of Fecal Corticosterone Metabolites Improves Visual Rating in the Evaluation of Stress Responses of Laboratory Rats. <i>Animals</i> , 2021 , 11,	3.1	2
372	Regular touchscreen training affects faecal corticosterone metabolites and anxiety-like behaviour in mice. <i>Behavioural Brain Research</i> , 2021 , 401, 113080	3.4	3

371	Salivary cortisol as a non-invasive approach to assess stress in dystocic dairy calves. <i>Scientific Reports</i> , 2021 , 11, 6200	4.9	2
370	The Effect of Long Term Captivity on Stress Levels in Lizards. <i>Journal of Applied Animal Welfare Science</i> , 2021 , 24, 321-330	1.6	
369	No evidence of increased fecal glucocorticoid metabolite levels in capercaillie () due to wind turbines. <i>Ecology and Evolution</i> , 2021 , 11, 8487-8494	2.8	
368	Seasonal Variations of Faecal Cortisol Metabolites in Koalas in South East Queensland. <i>Animals</i> , 2021 , 11,	3.1	2
367	Lidocaine and bupivacaine as part of multimodal pain management in a C57BL/6J laparotomy mouse model. <i>Scientific Reports</i> , 2021 , 11, 10918	4.9	1
366	Fecal Glucocorticoid Metabolites as Biomarkers in Equids: Assay Choice Matters. <i>Journal of Wildlife Management</i> , 2021 , 85, 1175-1186	1.9	1
365	Identification of Koala () Faecal Cortisol Metabolites Using Liquid Chromatography-Mass Spectrometry and Enzyme Immunoassays. <i>Metabolites</i> , 2021 , 11,	5.6	3
364	Effects of ectoparasite infestation during pregnancy on physiological stress and reproductive output in a rodent-flea system. <i>International Journal for Parasitology</i> , 2021 , 51, 659-666	4.3	1
363	Life experience rather than domestication accounts for dogs' increased oxytocin release during social contact with humans. <i>Scientific Reports</i> , 2021 , 11, 14423	4.9	10
362	Not all mice are alike: Mixed-strain housing alters social behaviour. <i>Physiology and Behavior</i> , 2021 , 228, 113220	3.5	1
361	The impact of varying food availability on health and welfare in mice: Testing the Match-Mismatch hypothesis. <i>Physiology and Behavior</i> , 2021 , 228, 113193	3.5	0
360	Virtual and real-life ostracism and its impact on a subsequent acute stressor. <i>Physiology and Behavior</i> , 2021 , 228, 113205	3.5	6
359	Endocrine changes related to dog domestication: Comparing urinary cortisol and oxytocin in hand-raised, pack-living dogs and wolves. <i>Hormones and Behavior</i> , 2021 , 128, 104901	3.7	10
358	Short-term telomere dynamics is associated with glucocorticoid levels in wild populations of roe deer. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021 , 252, 110836	2.6	2
357	Relationship between exploratory activity and adrenocortical activity in the black rat (<i>Rattus rattus</i>). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021 , 335, 286-295	1.9	
356	Rider effects on horses' conflict behaviour, rein tension, physiological measures and rideability scores. <i>Applied Animal Behaviour Science</i> , 2021 , 234, 105184	2.2	4
355	Toward evidence-based severity assessment in mouse models with repeated seizures: I. Electrical kindling. <i>Epilepsy and Behavior</i> , 2021 , 115, 107689	3.2	3
354	A mechanism for population self-regulation: Social density suppresses GnRH expression and reduces reproductivity in voles. <i>Journal of Animal Ecology</i> , 2021 , 90, 784-795	4.7	6

353	The impact of variable predation risk on stress in snowshoe hares over the cycle in North America's boreal forest: adjusting to change. <i>Oecologia</i> , 2021 , 197, 71-88	2.9	4
352	Fecal glucocorticoid metabolites as an indicator of adrenocortical activity in Arctic foxes (<i>Vulpes lagopus</i>) and recommendations for future studies. <i>Polar Biology</i> , 2021 , 44, 1925-1937	2	2
351	Assessing the severity of laparotomy and partial hepatectomy in male rats-A multimodal approach. <i>PLoS ONE</i> , 2021 , 16, e0255175	3.7	0
350	Comparison of alternative disbudding methods with hot-iron dehorning of goat kids. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2021 , 46, 31-39	1.9	
349	Fecal Cortisol Metabolites in Dairy Cows: A Cross-Sectional Exploration of Associations with Animal, Stockperson, and Farm Characteristics. <i>Animals</i> , 2020 , 10,	3.1	2
348	Grading animal distress and side effects of therapies. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1473, 20-34	6.5	7
347	Severity assessment using three common behavioral or locomotor tests after laparotomy in rats: a pilot study. <i>Laboratory Animals</i> , 2020 , 54, 525-535	2.6	6
346	ACTH Stimulation Induced Self-Mutilation Behavior in the Golden Conure (). <i>Animals</i> , 2020 , 10,	3.1	2
345	Effect of a partial cage dividing enrichment on aggression-associated parameters in group-housed male C57BL/6NCrl mice. <i>Applied Animal Behaviour Science</i> , 2020 , 224, 104939	2.2	
344	Assessment of the Stress Response in North American Deermice: Laboratory and Field Validation of Two Enzyme Immunoassays for Fecal Corticosterone Metabolites. <i>Animals</i> , 2020 , 10,	3.1	5
343	Social enrichment by separated pair housing of male C57BL/6JRj mice. <i>Scientific Reports</i> , 2020 , 10, 111654.9	4.9	3
342	Physiological Stress Reactions in Red Deer Induced by Hunting Activities. <i>Animals</i> , 2020 , 10,	3.1	4
341	Measurement of Fecal Testosterone Metabolites in Mice: Replacement of Invasive Techniques. <i>Animals</i> , 2020 , 10,	3.1	8
340	Anogenital distance as a measure of male competitive ability in Rwenzori Angolan colobus. <i>American Journal of Primatology</i> , 2020 , 82, e23111	2.5	3
339	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> , 2020 , 121, 104720	3.7	24
338	A Case-Controlled Comparison of Behavioural Arousal Levels in Urine Spraying and Latrining Cats. <i>Animals</i> , 2020 , 10,	3.1	2
337	Social stress in female Columbian ground squirrels: density-independent effects of kin contribute to variation in fecal glucocorticoid metabolites. <i>Behavioral Ecology and Sociobiology</i> , 2020 , 74, 1	2.5	2
336	Unified Behavioral Scoring for Preclinical Models. <i>Frontiers in Neuroscience</i> , 2020 , 14, 313	5.1	3

335	Stress hormones or general well-being are not altered in immune-deficient mice lacking either T- and B- lymphocytes or Interferon gamma signaling if kept under specific pathogen free housing conditions. <i>PLoS ONE</i> , 2020 , 15, e0239231	3.7	1
334	Methodological Considerations for Using Fecal Glucocorticoid Metabolite Concentrations as an Indicator of Physiological Stress in the Brown Bear (<i>Ursus arctos</i>). <i>Physiological and Biochemical Zoology</i> , 2020 , 93, 227-234	2	2
333	Glucocorticoid and triiodothyronine concentrations do not correlate with behavior in vicuñas (<i>Vicuña vicugna</i>). <i>General and Comparative Endocrinology</i> , 2020 , 286, 113299	3	2
332	Increased Rider Weight Did Not Induce Changes in Behavior and Physiological Parameters in Horses. <i>Animals</i> , 2020 , 10,	3.1	5
331	Are cats less stressed in homes than in shelters? A study of personality and faecal cortisol metabolites. <i>Applied Animal Behaviour Science</i> , 2020 , 224, 104919	2.2	5
330	Effects of different social experiences on emotional state in mice. <i>Scientific Reports</i> , 2020 , 10, 15255	4.9	1
329	Severity assessment in mice subjected to carbon tetrachloride. <i>Scientific Reports</i> , 2020 , 10, 15790	4.9	4
328	Improving reproducibility in animal research by splitting the study population into several 'mini-experiments'. <i>Scientific Reports</i> , 2020 , 10, 16579	4.9	15
327	Under cover of the night: context-dependency of anthropogenic disturbance on stress levels of wild roe deer 2020 , 8, coaa086		6
326	MicroRNAs as systemic biomarkers to assess distress in animal models for gastrointestinal diseases. <i>Scientific Reports</i> , 2020 , 10, 16931	4.9	1
325	Stress as a facilitator? Territorial male impala have higher glucocorticoid levels than bachelors. <i>General and Comparative Endocrinology</i> , 2020 , 297, 113553	3	5
324	The Cage Climber: A new enrichment for use in large-dimensional mouse facilities. <i>Applied Animal Behaviour Science</i> , 2020 , 230, 105078	2.2	2
323	Effects of weaning age and housing conditions on phenotypic differences in mice. <i>Scientific Reports</i> , 2020 , 10, 11684	4.9	3
322	Cats at the Vet: The Effect of Alpha-1 Casozepin. <i>Animals</i> , 2020 , 10,	3.1	1
321	Influence of cereal harvest on adrenocortical activity in European hares (<i>Lepus europaeus</i>). <i>European Journal of Wildlife Research</i> , 2020 , 66, 1	2	1
320	Glucocorticoids and activity in free-living arctic ground squirrels: Interrelationships between weather, body condition, and reproduction. <i>Hormones and Behavior</i> , 2020 , 125, 104818	3.7	6
319	The impact of handling technique and handling frequency on laboratory mouse welfare is sex-specific. <i>Scientific Reports</i> , 2020 , 10, 17281	4.9	6
318	Consequences of climate-induced vegetation changes exceed those of human disturbance for wild impala in the Serengeti ecosystem 2020 , 8, coz117		10

317	Influence of MRI Examinations on Animal Welfare and Study Results. <i>Investigative Radiology</i> , 2020 , 55, 507-514	10.1	0
316	Impact of three commonly used blood sampling techniques on the welfare of laboratory mice: Taking the animal's perspective. <i>PLoS ONE</i> , 2020 , 15, e0238895	3.7	7
315	Complex relationships between physiological stress and endoparasite infections in natural populations. <i>Environmental Epigenetics</i> , 2020 , 66, 449-457	2.4	8
314	Analysis of Animal Well-Being When Supplementing Drinking Water with Tramadol or Metamizole during Chronic Pancreatitis. <i>Animals</i> , 2020 , 10,	3.1	1
313	Salivary cortisol responses to acute stress vary between allergic and healthy individuals: the role of plasma oxytocin, emotion regulation strategies, reported stress and anxiety. <i>Stress</i> , 2020 , 23, 275-283	3	7
312	Systematic analysis of severity in a widely used cognitive depression model for mice. <i>Laboratory Animals</i> , 2020 , 54, 40-49	2.6	5
311	Benefits of non-invasive methods compared to telemetry for distress analysis in a murine model of pancreatic cancer. <i>Journal of Advanced Research</i> , 2020 , 21, 35-47	13	6
310	Relationships between personality traits and the physiological stress response in a wild mammal. <i>Environmental Epigenetics</i> , 2020 , 66, 197-204	2.4	13
309	Flea infestation, social contact, and stress in a gregarious rodent species: minimizing the potential parasitic costs of group-living. <i>Parasitology</i> , 2020 , 147, 78-86	2.7	1
308	Faecal glucocorticoid metabolites as a measure of adrenocortical activity in polar bears () 2020 , 8, coaa012		2
307	It's what's on the inside that counts: stress physiology and the bacterial microbiome of a wild urban mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20192111	4.4	16
306	Social dominance hierarchy type and rank contribute to phenotypic variation within cages of laboratory mice. <i>Scientific Reports</i> , 2019 , 9, 13650	4.9	21
305	Experimental increase in predation risk causes a cascading stress response in free-ranging snowshoe hares. <i>Oecologia</i> , 2019 , 191, 311-323	2.9	4
304	Human behaviour at the origin of maternal effects on offspring behaviour in laying hens (<i>Gallus gallus domesticus</i>). <i>Physiology and Behavior</i> , 2019 , 201, 175-183	3.5	6
303	Characterization and correlations of behavioral and adrenocortical activities of zoo-housed lesser anteaters (<i>Tamandua tetradactyla</i>). <i>Zoo Biology</i> , 2019 , 38, 334-342	1.6	5
302	Host biology and environmental variables differentially predict flea abundances for two rodent hosts in a plague-relevant system. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019 , 9, 174-183	2.6	10
301	Secondhand horror: effects of direct and indirect predator cues on behavior and reproduction of the bank vole. <i>Ecosphere</i> , 2019 , 10, e02765	3.1	6
300	Identification of Cholecystokinin by Genome-Wide Profiling as Potential Mediator of Serotonin-Dependent Behavioral Effects of Maternal Separation in the Amygdala. <i>Frontiers in Neuroscience</i> , 2019 , 13, 460	5.1	5

299	Limited effects of early life manipulations on sex-specific gene expression and behavior in adulthood. <i>Behavioural Brain Research</i> , 2019 , 369, 111927	3.4	8
298	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> , 2019 , 14, e0215367	3.7	16
297	Relocation shortly after mating does not have a major impact on stress responses and reproduction in female farm mink. <i>Applied Animal Behaviour Science</i> , 2019 , 214, 89-94	2.2	1
296	Can live with \bar{m} , can live without \bar{m} : Pair housed male C57BL/6J mice show low aggression and increasing sociopositive interactions with age, but can adapt to single housing if separated. <i>Applied Animal Behaviour Science</i> , 2019 , 214, 79-88	2.2	5
295	The Effects of Different Feeding Routines on Welfare in Laboratory Mice. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 479	3.1	3
294	Impact assessment of tail-vein injection in mice using a modified anaesthesia induction chamber versus a common restrainer without anaesthesia. <i>Laboratory Animals</i> , 2019 , 53, 190-201	2.6	5
293	Experimental Increases in Glucocorticoids Alter Function of the HPA Axis in Wild Red Squirrels without Negatively Impacting Survival and Reproduction. <i>Physiological and Biochemical Zoology</i> , 2019 , 92, 445-458	2	8
292	Individual variation in phenotypic plasticity of the stress axis. <i>Biology Letters</i> , 2019 , 15, 20190260	3.6	14
291	FGF-2 isoforms influence the development of dopaminergic neurons in the murine substantia nigra, but not anxiety-like behavior, stress susceptibility, or locomotor behavior. <i>Behavioural Brain Research</i> , 2019 , 374, 112113	3.4	3
290	Administration of Tramadol or Buprenorphine via the drinking water for post-operative analgesia in a mouse-osteotomy model. <i>Scientific Reports</i> , 2019 , 9, 10749	4.9	15
289	Stress activity is not predictive of coping style in North American red squirrels. <i>Behavioral Ecology and Sociobiology</i> , 2019 , 73, 1	2.5	11
288	Toward evidence-based severity assessment in rat models with repeated seizures: III. Electrical post-status epilepticus model. <i>Epilepsia</i> , 2019 , 60, 1539-1551	6.4	11
287	Toward evidence-based severity assessment in rat models with repeated seizures: II. Chemical post-status epilepticus model. <i>Epilepsia</i> , 2019 , 60, 2114-2127	6.4	8
286	Physiology and behaviour of juvenile snowshoe hares at the start of the 10-year cycle. <i>Animal Behaviour</i> , 2019 , 157, 141-152	2.8	8
285	Environmental enrichment for pregnant sows modulates HPA-axis and behavior in the offspring. <i>Applied Animal Behaviour Science</i> , 2019 , 220, 104854	2.2	5
284	A novel multi-parametric analysis of non-invasive methods to assess animal distress during chronic pancreatitis. <i>Scientific Reports</i> , 2019 , 9, 14084	4.9	9
283	The effect of cage size on stress levels in captive green anole (<i>Anolis carolinensis</i>). <i>Animal Welfare</i> , 2019 , 28, 455-464	2.9	2
282	Preservation of fecal glucocorticoid metabolites and immunoglobulin A through silica gel drying for field studies in horses 2019 , 7, coz065		5

281	Coping with style: individual differences in responses to environmental variation. <i>Behavioral Ecology and Sociobiology</i> , 2019 , 73, 1	2.5	7
280	Measuring Faecal Glucocorticoid Metabolites to Assess Adrenocortical Activity in Reindeer. <i>Animals</i> , 2019 , 9,	3.1	2
279	Assessing space use in meadow voles: the relationship to reproduction and the stress axis. <i>Journal of Mammalogy</i> , 2019 , 100, 4-12	1.8	10
278	Non-invasive measurement of glucocorticoids: Advances and problems. <i>Physiology and Behavior</i> , 2019 , 199, 229-243	3.5	214
277	The importance of individual heterogeneity for interpreting faecal glucocorticoid metabolite levels in wildlife studies. <i>Journal of Applied Ecology</i> , 2018 , 55, 2043-2054	5.8	15
276	Impact of male presence on female sociality and stress endocrinology in wild house mice (<i>Mus musculus domesticus</i>). <i>Physiology and Behavior</i> , 2018 , 189, 1-9	3.5	6
275	Toward evidence-based severity assessment in rat models with repeated seizures: I. Electrical kindling. <i>Epilepsia</i> , 2018 , 59, 765-777	6.4	20
274	Long-term dim light during nighttime changes activity patterns and space use in experimental small mammal populations. <i>Environmental Pollution</i> , 2018 , 238, 844-851	9.3	25
273	High Arctic lemmings remain reproductively active under predator-induced elevated stress. <i>Oecologia</i> , 2018 , 187, 657-666	2.9	4
272	Incubation temperature affects the expression of young precocial birds' fear-related behaviours and neuroendocrine correlates. <i>Scientific Reports</i> , 2018 , 8, 1857	4.9	21
271	An integrated analysis of social stress in laying hens: The interaction between physiology, behaviour, and hierarchy. <i>Behavioural Processes</i> , 2018 , 149, 43-51	1.6	11
270	Evaluation of the effects of space allowance on measures of animal welfare in laboratory mice. <i>Scientific Reports</i> , 2018 , 8, 713	4.9	18
269	How environmental enrichment affects behavioral and glucocorticoid responses in captive blue-and-yellow macaws (<i>Ara ararauna</i>). <i>Applied Animal Behaviour Science</i> , 2018 , 201, 125-135	2.2	13
268	Systematic Assessment of Well-Being in Mice for Procedures Using General Anesthesia. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	14
267	Dorsal shaving affects concentrations of faecal cortisol metabolites in lactating golden hamsters. <i>Die Naturwissenschaften</i> , 2018 , 105, 13	2	1
266	Evidence-based severity assessment: Impact of repeated versus single open-field testing on welfare in C57BL/6J mice. <i>Behavioural Brain Research</i> , 2018 , 336, 261-268	3.4	19
265	The effect of environmental provisioning on stress levels in captive green anole (<i>Anolis carolinensis</i>). <i>Animal Welfare</i> , 2018 , 27, 35-46	2.9	10
264	Glucocorticoid-environment relationships align with responses to environmental change in two co-occurring congeners 2018 , 28, 1683-1693		6

263	Varying Social Experiences in Adulthood Do Not Differentially Affect Anxiety-Like Behavior But Stress Hormone Levels. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 72	3.5	1
262	Phenotypic variability between Social Dominance Ranks in laboratory mice. <i>Scientific Reports</i> , 2018 , 8, 6593	4.9	23
261	The effect of shelter design on shelter use by Icelandic horses in the winter period. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2018 , 27, 47-54	1.9	6
260	Seasonal differences of corticosterone metabolite concentrations and parasite burden in northern bald ibis (<i>Geronticus eremita</i>): The role of affiliative interactions. <i>PLoS ONE</i> , 2018 , 13, e0191441	3.7	13
259	Heat stress in cows at pasture and benefit of shade in a temperate climate region. <i>International Journal of Biometeorology</i> , 2018 , 62, 585-595	3.7	28
258	Increased hormonal stress response of Apennine chamois induced by interspecific interactions and anthropogenic disturbance. <i>European Journal of Wildlife Research</i> , 2018 , 64, 1	2	8
257	Effects of Cage Enrichment on Behavior, Welfare and Outcome Variability in Female Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 232	3.5	38
256	Effect of Two Transport Options on the Welfare of Two Genetic Lines of Organic Free Range Pullets in Switzerland. <i>Animals</i> , 2018 , 8,	3.1	1
255	Impact of repeated anesthesia with ketamine and xylazine on the well-being of C57BL/6JRj mice. <i>PLoS ONE</i> , 2018 , 13, e0203559	3.7	35
254	Prolonged nest building increase the reproductive outcome in American female mink. <i>Applied Animal Behaviour Science</i> , 2018 , 207, 98-107	2.2	3
253	Carrier training cats reduces stress on transport to a veterinary practice. <i>Applied Animal Behaviour Science</i> , 2018 , 206, 64-74	2.2	22
252	Social stress shortens lifespan in mice. <i>Aging Cell</i> , 2018 , 17, e12778	9.9	49
251	Herd-level associations between human-animal relationship, management, fecal cortisol metabolites, and udder health of organic dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 7361-7374	4	5
250	Stress in biological invasions: Introduced invasive grey squirrels increase physiological stress in native Eurasian red squirrels. <i>Journal of Animal Ecology</i> , 2018 , 87, 1342-1352	4.7	21
249	Exploring hair cortisol concentration as a novel tool to assess chronic stress in sheep with tick-borne fever. <i>Small Ruminant Research</i> , 2018 , 164, 110-119	1.7	5
248	Elevated oxytocin and noradrenaline indicate higher stress levels in allergic rhinitis patients: Implications for the skin prick diagnosis in a pilot study. <i>PLoS ONE</i> , 2018 , 13, e0196879	3.7	7
247	Ecological specialization, variability in activity patterns and response to environmental change. <i>Biology Letters</i> , 2018 , 14,	3.6	11
246	Imaging correlates of behavioral impairments: An experimental PET study in the rat pilocarpine epilepsy model. <i>Neurobiology of Disease</i> , 2018 , 118, 9-21	7.5	15

245	One size does not fit all: Monitoring faecal glucocorticoid metabolites in marsupials. <i>General and Comparative Endocrinology</i> , 2017 , 244, 146-156	3	20
244	Chemical communication in the lacertid lizard <i>Podarcis muralis</i> : the functional significance of testosterone. <i>Acta Zoologica</i> , 2017 , 98, 94-103	0.8	20
243	Short social interactions in male Japanese Quail fail to influence temporal dynamics of testicular and adrenocortical activities irrespective of photoperiodic reproductive status. <i>Journal of Ornithology</i> , 2017 , 158, 785-792	1.5	3
242	Behavioural and hormonal effects of member replacement in captive groups of blue-fronted amazon parrots (<i>Amazona aestiva</i>). <i>Behavioural Processes</i> , 2017 , 138, 160-169	1.6	8
241	Lipids in maternal diet influence yolk hormone levels and post-hatch neophobia in the domestic chick. <i>Developmental Psychobiology</i> , 2017 , 59, 400-409	3	9
240	The relative effects of reproductive condition, stress, and seasonality on patterns of parasitism in wild female black howler monkeys (<i>Alouatta pigra</i>). <i>American Journal of Primatology</i> , 2017 , 79, e22669	2.5	8
239	Evaluation of blood metabolites reflects presence or absence of liver abscesses in beef cattle. <i>Veterinary Record Open</i> , 2017 , 4, e000170	1.4	3
238	Assessing Stress in Arctic Lemmings: Fecal Metabolite Levels Reflect Plasma Free Corticosterone Levels. <i>Physiological and Biochemical Zoology</i> , 2017 , 90, 370-382	2	15
237	Clinical parameters and adrenocortical activity to assess stress responses of alpacas using different methods of restraint either alone or with shearing. <i>Veterinary Record</i> , 2017 , 180, 568	0.9	3
236	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> , 2017 , 38, 1002-1016	2	5
235	Coping with differences in snow cover: the impact on the condition, physiology and fitness of an arctic hibernator 2017 , 5, cox065		12
234	How genetic data improve the interpretation of results of faecal glucocorticoid metabolite measurements in a free-living population. <i>PLoS ONE</i> , 2017 , 12, e0183718	3.7	10
233	Faecal cortisol metabolites as an indicator of adrenocortical activity in farmed silver foxes (<i>Vulpes vulpes</i>). <i>Applied Animal Behaviour Science</i> , 2017 , 197, 75-80	2.2	7
232	An exploratory study of competition scores and salivary cortisol concentrations in Warmblood horses. <i>Domestic Animal Endocrinology</i> , 2017 , 61, 108-116	2.3	9
231	Managed parks as a refuge for the threatened red squirrel (<i>Sciurus vulgaris</i>) in light of human disturbance. <i>Biological Conservation</i> , 2017 , 211, 29-36	6.2	15
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225	Enriched environment and stress exposure influence splenic B lymphocyte composition. <i>PLoS ONE</i> , 2017 , 12, e0180771	3.7	18
224	Low plasma cortisol and fecal cortisol metabolite measures as indicators of compromised welfare in domestic horses (<i>Equus caballus</i>). <i>PLoS ONE</i> , 2017 , 12, e0182257	3.7	38
223	Effects of stereotypic behaviour and chronic mild stress on judgement bias in laboratory mice. <i>Applied Animal Behaviour Science</i> , 2016 , 174, 162-172	2.2	19
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1	Stress activity is not predictive of coping style in North American red squirrels		1