Shane K Maloney

List of Publications by Year
in descending order

176	5,405	87723	123241
papers	citations	38 h-index	61 g-index

177	177	177	5189
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coping with Thermal Challenges: Physiological Adaptations to Environmental Temperatures. , 2012, 2, 2151-2202.		247
2	Review of sheep body condition score in relation to production characteristics. New Zealand Journal of Agricultural Research, 2014, 57, 38-64.	0.9	194
3	Physiological responses of Bos taurus and Bos indicus cattle to prolonged, continuous heat and humidity1. Journal of Animal Science, 2006, 84, 972-985.	0.2	189
4	A comparison of subjective estimates of sleep with objective polysomnographic data in healthy men and women. Journal of Psychosomatic Research, 1999, 47, 335-341.	1.2	174
5	Revisiting concepts of thermal physiology: Predicting responses of mammals to climate change. Journal of Animal Ecology, 2018, 87, 956-973.	1.3	163
6	Translating Animal Model Research: Does It Matter That Our Rodents Are Cold?. Physiology, 2014, 29, 413-420.	1.6	131
7	Adaptive heterothermy and selective brain cooling in arid-zone mammals. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 131, 571-585.	0.7	119
8	Social integration confers thermal benefits in a gregarious primate. Journal of Animal Ecology, 2015, 84, 871-878.	1.3	115
9	Towards a mechanistic understanding of the responses of large terrestrial mammals to heat and aridity associated with climate change. Climate Change Responses, 2016, 3, .	2.6	112
10	Physiological Mechanisms in Coping with Climate Change. Physiological and Biochemical Zoology, 2010, 83, 713-720.	0.6	108
11	Diving Behavior During Foraging in Breeding Adelie Penguins. Ecology, 1993, 74, 1204-1215.	1.5	106
12	Applications and implications of ecological energetics. Trends in Ecology and Evolution, 2014, 29, 280-290.	4.2	101
13	Responses of large mammals to climate change. Temperature, 2014, 1, 115-127.	1.7	92
14	Reappraisal of the comparative cost of human locomotion using gait-specific allometric analyses. Journal of Experimental Biology, 2007, 210, 3513-3524.	0.8	87
15	Heat stress and poultry production: impact and amelioration. International Journal of Biometeorology, 2021, 65, 163-179.	1.3	82
16	Energetics of Foraging in Breeding Adelie Penguins. Ecology, 1993, 74, 2450-2461.	1.5	81
17	Ostriches Sleep like Platypuses. PLoS ONE, 2011, 6, e23203.	1.1	78
18	Heterothermy in large mammals: inevitable or implemented?. Biological Reviews, 2016, 91, 187-205.	4.7	71

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19	Thermoregulation in the Angolan Freeâ€Tailed BatMops condylurus: A Small Mammal That Uses Hot Roosts. Physiological and Biochemical Zoology, 1999, 72, 385-396.	0.6	70
20	What effect will a few degrees of climate change have on human heat balance? Implications for human activity. International Journal of Biometeorology, 2011, 55, 147-160.	1.3	66
21	Body temperature, thermoregulatory behaviour and pelt characteristics of three colour morphs of springbok (Antidorcas marsupialis). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 379-388.	0.8	64
22	Variation in the daily rhythm of body temperature of free-living Arabian oryx (Oryx leucoryx): does water limitation drive heterothermy?. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 1111-1119.	0.7	64
23	Reproductive effort in Adï¿½lie penguins. Behavioral Ecology and Sociobiology, 1993, 33, 173-182.	0.6	57
24	Thermoregulation by Kangaroos from Mesic and Arid Habitats: Influence of Temperature on Routes of Heat Loss in Eastern Grey Kangaroos (Macropus giganteus) and Red Kangaroos (Macropus rufus). Physiological and Biochemical Zoology, 2000, 73, 374-381.	0.6	56
25	Do changes in feed intake or ambient temperature cause changes in cattle rumen temperature relative to core temperature?. Journal of Thermal Biology, 2008, 33, 12-19.	1.1	56
26	Activity re-assignment and microclimate selection of free-living Arabian oryx: responses that could minimise the effects of climate change on homeostasis?. Zoology, 2012, 115, 411-416.	0.6	56
27	Adaptation to Heat and Water Shortage in Large, Arid-Zone Mammals. Physiology, 2014, 29, 159-167.	1.6	56
28	Effects of wearing compression garments on thermoregulation during simulated team sport activity in temperate environmental conditions. Journal of Science and Medicine in Sport, 2009, 12, 303-309.	0.6	54
29	Alteration in diel activity patterns as a thermoregulatory strategy in black wildebeest (Connochaetes) Tj ETQq1 1 0.784314 rgBT /Ove Physiology, 2005, 191, 1055-1064.	0.7	53
30	Thermoregulatory plasticity in free-ranging vervet monkeys, Chlorocebus pygerythrus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2014, 184, 799-809.	0.7	52
31	Episodic Ultradian Eventsâ€"Ultradian Rhythms. Biology, 2019, 8, 15.	1.3	52
32	Activity, blood temperature and brain temperature of free-ranging springbok. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1997, 167, 335-343.	0.7	50
33	The fur of mammals in exposed environments; do crypsis and thermal needs necessarily conflict? The polar bear and marsupial koala compared. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2014, 184, 273-284.	0.7	48
34	The effect of fleece on core and rumen temperature in sheep. Journal of Thermal Biology, 2008, 33, 437-443.	1.1	46
35	Thermal consequences of increased pelt loft infer an additional utilitarian function for grooming. American Journal of Primatology, 2016, 78, 456-461.	0.8	46
36	Use and limitations of alternative feed resources to sustain and improve reproductive performance in sheep and goats. Animal Feed Science and Technology, 2008, 147, 140-157.	1.1	44

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37	Brain and arterial blood temperatures of free-ranging oryx (Oryx gazella). Pflugers Archiv European Journal of Physiology, 2002, 443, 437-445.	1.3	42
38	The metabolic cost of fever in Pekin ducks. Journal of Thermal Biology, 2011, 36, 116-120.	1.1	41
39	Characteristics of the febrile response in Pekin ducks. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1998, 168, 177-182.	0.7	40
40	Consequences of sexâ€specific sociability for thermoregulation in male vervet monkeys during winter. Journal of Zoology, 2017, 302, 193-200.	0.8	40
41	How dryland mammals will respond to climate change: the effects of body size, heat load and a lack of food and water. Journal of Experimental Biology, 2021, 224, .	0.8	39
42	Survival tactics within thermally-challenging roosts: heat tolerance and cold sensitivity in the Angolan free-tailed bat,Mops condylurus. South African Journal of Zoology, 1999, 34, 1-10.	0.5	38
43	A year in the thermal life of a free-ranging herd of springbok Antidorcas marsupialis. Journal of Experimental Biology, 2005, 208, 2855-2864.	0.8	38
44	Does size matter? Comparison of body temperature and activity of free-living Arabian oryx (Oryx) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 437-449.	0.7	38
45	Validation of a biotelemetric technique, using ambulatory miniature black globe thermometers, to quantify thermoregulatory behaviour in ungulates. Journal of Experimental Zoology, 2007, 307A, 342-356.	1.2	37
46	Fever and sickness behavior during an opportunistic infection in a free-living antelope, the greater kudu (Tragelaphus strepsiceros). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R246-R254.	0.9	35
47	Ventilatory Accommodation of Oxygen Demand and Respiratory Water Loss in Kangaroos from Mesic and Arid Environments, the Eastern Grey Kangaroo (Macropus giganteus) and the Red Kangaroo (Macropus rufus). Physiological and Biochemical Zoology, 2000, 73, 382-388.	0.6	34
48	Body temperature variation of free-ranging and captive southern brown bandicoots Isoodon obesulus (Marsupialia: Peramelidae). Journal of Thermal Biology, 2007, 32, 72-77.	1.1	33
49	Thermoregulation in a large bird, the emu (Dromaius novaehollandiae). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1994, 164, 464-472.	0.7	32
50	Absence of Selective Brain Cooling in Free-Ranging Zebras in Their Natural Habitat. Experimental Physiology, 2000, 85, 209-217.	0.9	32
51	Guttural pouches, brain temperature and exercise in horses. Biology Letters, 2006, 2, 475-477.	1.0	32
52	Energetic costs of mange in wolves estimated from infrared thermography. Ecology, 2016, 97, 1938-1948.	1.5	32
53	The origin of mean arterial and jugular venous blood pressures in giraffes. Journal of Experimental Biology, 2006, 209, 2515-2524.	0.8	31
54	Induction of anaesthesia in wild rabbits using a new alfaxalone formulation. Veterinary Record, 2009, 164, 122-123.	0.2	31

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55	Cheetah do not abandon hunts because they overheat. Biology Letters, 2013, 9, 20130472.	1.0	30
56	Changes in Pattern of Heat Loss at High Ambient Temperature Caused by Water Deprivation in a Large Flightless Bird, the Emu. Physiological Zoology, 1998, 71, 712-719.	1.5	29
57	Body water conservation through selective brain cooling by the carotid rete: a physiological feature for surviving climate change?. , 2017, 5, cow078.		29
58	Homeothermy and primate bipedalism: Is water shortage or solar radiation the main threat to baboon (Papio hamadryas) homeothermy?. Journal of Human Evolution, 2009, 56, 439-446.	1.3	27
59	Disparate effects of feeding on core body and adipose tissue temperatures in animals selectively bred for Nervous or Calm temperament. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R907-R917.	0.9	27
60	Effect of prolonged exposure to continuous heat and humidity similar to long haul live export voyages in Merino wethers. Animal Production Science, 2011, 51, 135.	0.6	27
61	Ventilatory accommodation of oxygen demand and respiratory water loss in a large bird, the emu (Dromaius novaehollandiae), and a re-examination of ventilatory allometry for birds. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1994, 164, 473-481.	0.7	26
62	Rectal temperature measurement results in artifactual evidence of selective brain cooling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R108-R114.	0.9	26
63	The heat load from solar radiation on a large, diurnally active bird, the emu (Dromaius) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.1	25
64	Minimum daily core body temperature in western grey kangaroos decreases as summer advances: a seasonal pattern, or a direct response to water, heat or energy supply?. Journal of Experimental Biology, 2011, 214, 1813-1820.	0.8	25
65	Addressing Animal Welfare through Collaborative Stakeholder Networks. Agriculture (Switzerland), 2019, 9, 132.	1.4	25
66	Lipopolysaccharide-induced fever in Pekin ducks is mediated by prostaglandins and nitric oxide and modulated by adrenocortical hormones. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1258-R1264.	0.9	24
67	Orientation to solar radiation in black wildebeest (Connochaetes gnou). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2005, 191, 1065-1077.	0.7	24
68	Dehydration increases the magnitude of selective brain cooling independently of core temperature in sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R438-R446.	0.9	24
69	Restraint increases afebrile body temperature but attenuates fever in Pekin ducks (<i>Anas) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Physiology, 2008, 294, R1666-R1671.	0.9	24
70	Climate change: is the dark Soay sheep endangered?. Biology Letters, 2009, 5, 826-829.	1.0	24
71	A review of the physiology of fever in birds. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 297-312.	0.7	24
72	The role of the kidney in electrolyte and nitrogen excretion in a large flightless bird, the emu, during different osmotic regimes, including dehydration and nesting. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1991, 161, 165.	0.7	22

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73	Fur versus feathers: the different roles of red kangaroo fur and emu feathers in thermoregulation in the Australian arid zone.. Australian Mammalogy, 2004, 26, 145.	0.7	22
74	Energy, water and space use by free-living red kangaroos Macropus rufus and domestic sheep Ovis aries in an Australian rangeland. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 843-858.	0.7	22
75	Energy intake and the circadian rhythm of core body temperature in sheep. Physiological Reports, 2013, 1, e00118.	0.7	22
76	Impact of the COVID-19 Pandemic on the Welfare of Animals in Australia. Frontiers in Veterinary Science, 2020, 7, 621843.	0.9	22
77	Thermoregulation in pronghorn antelope (Antilocapra americanaOrd) in the summer. Journal of Experimental Biology, 2007, 210, 2444-2452.	0.8	21
78	Selective brain cooling in Arabian oryx (Oryx leucoryx): a physiological mechanism for coping with aridity?. Journal of Experimental Biology, 2012, 215, 3917-24.	0.8	21
79	Size does matter: Parallel evolution of adaptive thermal tolerance and body size facilitates adaptation to climate change in domestic cattle. Ecology and Evolution, 2018, 8, 10608-10620.	0.8	21
80	Osmotic adaptation of the emu (Dromaius novaehollandiae). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1991, 161, 173.	0.7	20
81	Absence of selective brain cooling in unrestrained baboons exposed to heat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R2059-R2067.	0.9	20
82	Thermoregulation in ratites: a review. Australian Journal of Experimental Agriculture, 2008, 48, 1293.	1.0	20
83	Variability in brain and arterial blood temperatures in free-ranging ostriches in their natural habitat. Journal of Experimental Biology, 2003, 206, 1171-1181.	0.8	19
84	The contribution of carotid rete variability to brain temperature variability in sheep in a thermoneutral environment. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1298-R1305.	0.9	19
85	Heterothermy is associated with reduced fitness in wild rabbits. Biology Letters, 2017, 13, 20170521.	1.0	19
86	Body temperature, activity patterns and hunting in freeâ€living cheetah: biologging reveals new insights. Integrative Zoology, 2019, 14, 30-47.	1.3	18
87	Thermoregulation in pronghorn antelope (Antilocapra americana,Ord) in winter. Journal of Experimental Biology, 2008, 211, 749-756.	0.8	17
88	Biphasic Allometry of Cardiac Growth in the Developing KangarooMacropus fuliginosus. Physiological and Biochemical Zoology, 2015, 88, 216-225.	0.6	17
89	Scaling of the ankle extensor muscleâ€tendon units and the biomechanical implications for bipedal hopping locomotion in the postâ€pouch kangaroo Macropus fuliginosus. Journal of Anatomy, 2017, 231, 921-930.	0.9	17
90	Evaluation of miniature data loggers for body temperature measurement during sporting activities. European Journal of Applied Physiology, 1999, 79, 341-346.	1.2	16

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91	Blood flow for bone remodelling correlates with locomotion in living and extinct birds. Journal of Experimental Biology, 2014, 217, 2956-62.	0.8	15
92	Selective Brain Cooling Reduces Water Turnover in Dehydrated Sheep. PLoS ONE, 2015, 10, e0115514.	1.1	15
93	Effects of desertification on the body temperature, activity and water turnover of Angora goats. Journal of Arid Environments, 2011, 75, 20-28.	1.2	14
94	Brain IL-6- and PG-dependent actions of IL-1Î² and lipopolysaccharide in avian fever. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R791-R800.	0.9	14
95	Body Temperature and Physical Activity Correlates of the Menstrual Cycle in Chacma Baboons (Papio hamadryas ursinus). American Journal of Primatology, 2012, 74, 1143-1153.	0.8	14
96	Energy and water use by invasive goats (Capra hircus) in an Australian rangeland, and a caution against using broad-scale allometry to predict species-specific requirements. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 161, 216-229.	0.8	14
97	Dehydration, with and without heat, in kangaroos from mesic and arid habitats: different thermal responses including varying patterns in heterothermy in the field and laboratory. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 797-807.	0.7	13
98	Relationship between behavioural reactivity and feed efficiency in housed sheep. Animal Production Science, 2010, 50, 683.	0.6	13
99	Sedation of western grey kangaroos (Macropus fuliginosus ocydromus) with tiletamine-zolazepam. Animal Welfare, 2014, 23, 141-144.	0.3	13
100	Scaling of left ventricle cardiomyocyte ultrastructure across development in the kangaroo Macropus fuliginosus. Journal of Experimental Biology, 2015, 218, 1767-76.	0.8	13
101	Towards Ethically Improved Animal Experimentation in the Study of Animal Reproduction. Reproduction in Domestic Animals, 2008, 43, 8-14.	0.6	12
102	Fibre diameter and insulation in alpacas: The biophysical implications. Small Ruminant Research, 2011, 96, 165-172.	0.6	12
103	Ambient temperature modulates the magnitude of LPS-induced fevers in Pekin ducks. Journal of Thermal Biology, 2011, 36, 121-127.	1.1	12
104	Twenty-four-hour profiles of metabolic and stress hormones in sheep selected for a calm or nervous temperament. Domestic Animal Endocrinology, 2015, 53, 78-87.	0.8	12
105	Calm Hu ram lambs assigned by temperament classification are healthier and have better meat quality than nervous Hu ram lambs. Meat Science, 2021, 175, 108436.	2.7	12
106	Seasonal and daily variation in blood and urine concentrations of free-ranging Angolan free-tailed bats (Mops condylurus) in hot roosts in southern Africa. South African Journal of Zoology, 1999, 34, 11-18.	0.5	11
107	Thermoregulatory physiology of the Crested Pigeon Ocyphaps lophotes and the Brush Bronzewing Phaps elegans. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2003, 173, 215-222.	0.7	11
108	Variation in body temperature in free-ranging western grey kangaroos Macropus fuliginosus.. Australian Mammalogy, 2004, 26, 135.	0.7	11

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109	Shearing at the end of summer affects body temperature of free-living Angora goats (Capra aegagrus) more than does shearing at the end of winter. Animal, 2009, 3, 1025-1036.	1.3	11
110	Seasonal anoestrus in western grey kangaroos (Macropus fuliginosus ocydromus) in south-western Australia. Australian Mammalogy, 2010, 32, 189.	0.7	11
111	The cranial arterio-venous temperature difference is related to respiratory evaporative heat loss in a panting species, the sheep (Ovis aries). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2011, 181, 277-288.	0.7	11
112	The development of endotoxin tolerance, and the role of hypothalamo-pituitary-adrenal function and glucocorticoids in Pekin ducks. Journal of Experimental Biology, 2011, 214, 3378-3385.	0.8	11
113	Flexibility in thermoregulatory physiology of two dunnarts, Sminthopsis macroura and Sminthopsis ooldea (Marsupialia; Dasyuridae). Journal of Experimental Biology, 2012, 215, 2236-2246.	0.8	11
114	Western grey kangaroos (Macropus fuliginosus) include fauna underpasses in their home range. Wildlife Research, 2016, 43, 13.	0.7	11
115	Altered energy intake and the amplitude of the body temperature rhythm are associated with changes in phase, but not amplitude, of clock gene expression in the rat suprachiasmatic nucleus in vivo. Chronobiology International, 2016, 33, 85-97.	0.9	11
116	Keeping cool in the heat: Behavioral thermoregulation and body temperature patterns in wild vervet monkeys. American Journal of Physical Anthropology, 2020, 171, 407-418.	2.1	11
117	Endocrine and metabolic consequences of climate change for terrestrial mammals. Current Opinion in Endocrine and Metabolic Research, 2020, 11, 9-14.	0.6	11
118	Scrotal heating stimulates panting and reduces body temperature similarly in febrile and non-febrile rams (Ovis aries). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2003, 135, 565-573.	0.8	10
119	The eland and the oryx revisited: body and brain temperatures of free-living animals. International Congress Series, 2004, 1275, 275-282.	0.2	10
120	Body temperature responses of Pekin ducks (Anas platyrhynchos domesticus) exposed to different pathogens. Poultry Science, 2011, 90, 1234-1238.	1.5	10
121	Reproductive Implications of Exposure toToxoplasma gondiiandNeospora caninumin Western Grey Kangaroos (Macropus fuliginosus ocydromus). Journal of Wildlife Diseases, 2014, 50, 364-368.	0.3	10
122	High follicle density does not decrease sweat gland density in Huacaya alpacas. Journal of Thermal Biology, 2015, 47, 1-6.	1.1	10
123	Comparative Expression Profiling and Sequence Characterization of ATP1A1 Gene Associated with Heat Tolerance in Tropically Adapted Cattle. Animals, 2021, 11, 2368.	1.0	10
124	Could the ketogenic diet induce a shift in thyroid function and support a metabolic advantage in healthy participants? A pilot randomized-controlled-crossover trial. PLoS ONE, 2022, 17, e0269440.	1.1	10
125	Comments on Point:Counterpoint: Humans do/do not demonstrate selective brain cooling during hyperthermia. Journal of Applied Physiology, 2011, 110, 575-580.	1.2	9
126	Angularis oculi vein blood flow modulates the magnitude but not the control of selective brain cooling in sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1409-R1417.	0.9	9

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127	Absence of selective brain cooling in free-ranging zebras in their natural habitat. Experimental Physiology, 2000, 85, 209-217.	0.9	9
128	Antidiuretic hormone and angiotensin II plasma concentrations in febrile Pekin ducks. Journal of Physiology, 1998, 511, 605-610.	1.3	8
129	From doubly labelled water to halfâ€life; validating radioâ€isotopic rubidium turnover to measure metabolism in small vertebrates. Methods in Ecology and Evolution, 2013, 4, 619-628.	2.2	8
130	Three African antelope species with varying water dependencies exhibit similar selective brain cooling. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 527-540.	0.7	8
131	Ameliorating the adverse cardiorespiratory effects of chemical immobilization by inducing general anaesthesia in sheep and goats: implications for physiological studies of large wild mammals. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2018, 188, 991-1003.	0.7	8
132	Diet-altered body temperature rhythms are associated with altered rhythms of clock gene expression in peripheral tissues in vivo. Journal of Thermal Biology, 2021, 100, 102983.	1.1	8
133	Brain thermal inertia, but no evidence for selective brain cooling, in free-ranging western grey kangaroos (Macropus fuliginosus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 241-251.	0.7	7
134	Special K: testing the potassium link between radioactive rubidium (86Rb) turnover and metabolic rate. Journal of Experimental Biology, 2014, 217, 1040-5.	0.8	7
135	Pekin ducks are motivated to access their nest site and exhibit a stress-induced hyperthermia when unable to do so. Animal, 2021, 15, 100067.	1.3	7
136	Gradual Training of Alpacas to the Confinement of Metabolism Pens Reduces Stress When Normal Excretion Behavior Is Accommodated. ILAR Journal, 2012, 53, E22-E30.	1.8	6
137	Sickness behaviours in ducks include anorexia but not lethargy. Applied Animal Behaviour Science, 2013, 145, 102-108.	0.8	6
138	Huddling behaviour and energetics of Sminthopsis spp. (Marsupialia, Dasyruidae) in response to environmental challenge. Physiology and Behavior, 2014, 128, 9-15.	1.0	6
139	A structure-function analysis of the left ventricle. Journal of Applied Physiology, 2016, 121, 900-909.	1.2	6
140	Thermal implications of interactions between insulation, solar reflectance, and fur structure in the summer coats of diverse species of kangaroo. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 517-528.	0.7	6
141	Digestibility, ruminal fermentation, blood metabolites and antioxidant status in ewes supplemented with <scp>DL</scp>â€methionine or hydroxyâ€4 (methylthio) butanoic acid isopropyl ester. Journal of Animal Physiology and Animal Nutrition, 2017, 101, e266-e277.	1.0	6
142	Association between temperament related traits and single nucleotide polymorphisms in the serotonin and oxytocin systems in Merino sheep. Genes, Brain and Behavior, 2021, 20, e12714.	1.1	6
143	Electrolyte supplementation of live export cattle to the Middle East. Australian Journal of Experimental Agriculture, 2007, 47, 119.	1.0	6
144	Low protein feeding and energy transduction in rats. Temperature, 2014, 1, 97-98.	1.7	5

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145	Integrating Nutrition and Animal Welfare in Extensive Systems. Animal Welfare, 2016, , 135-163.	1.0	5
146	Endocrine consequences of circadian rhythm disruption in early life. Current Opinion in Endocrine and Metabolic Research, 2020, 11, 65-71.	0.6	5
147	Thermoneutral conditions correct the obese phenotype in female, but not male, Kiss1r knockout mice. Journal of Thermal Biology, 2020, 90, 102592.	1.1	5
148	Maternal, Placental, and Fetal Responses to Intermittent Heat Exposure During Late Gestation in Mice. Reproductive Sciences, 2021, 28, 416-425.	1.1	5
149	Contractile physiology and response to temperature changes of the tunica dartos muscle of the rat. Pflugers Archiv European Journal of Physiology, 2005, 451, 489-497.	1.3	4
150	Ventilation patterns in red kangaroos (Macropus rufusDesmarest): juveniles work harder than adults at thermal extremes, but extract more oxygen per breath at thermoneutrality. Journal of Experimental Biology, 2007, 210, 2723-2729.	0.8	4
151	Comparative thermoregulatory physiology of two dunnarts, Sminthopsis macroura and Sminthopsis ooldea (Marsupialia : Dasyuridae). Australian Journal of Zoology, 2012, 60, 54.	0.6	4
152	Daily temperature cycles prolong lifespan and have sex-specific effects on peripheral clock gene expression in Drosophila melanogaster. Journal of Experimental Biology, 2021, 224, .	0.8	4
153	Heat storage, not sensible heat loss, increases in high temperature, high humidity conditions. World's Poultry Science Journal, 1998, 54, 347-352.	1.4	3
154	Modulation of plasma antidiuretic hormone levels does not change the magnitude of the LPS-induced febrile response in Pekin ducks. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2000, 170, 315-320.	0.7	3
155	A warming climate remains a plausible hypothesis for the decrease in dark Soay sheep. Biology Letters, 2010, 6, 680-681.	1.0	3
156	Alpacas fed calcium propionate seem to moderate their energy intake. Journal of Animal Physiology and Animal Nutrition, 2014, 98, 1088-1094.	1.0	3
157	Hydration and Urinary Pseudoephedrine Levels After a Simulated Team Game. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 325-332.	1.0	3
158	Plasma cholinesterase activity of rats, western grey kangaroos, alpacas, sheep, cattle, and horses. Journal of Pharmacological and Toxicological Methods, 2015, 72, 26-28.	0.3	3
159	New physiological measures of the biological cost of responding to challenges. , 2017, , 73-104.		3
160	Diet-induced obesity reduces core body temperature across the estrous cycle and pregnancy in the rat. Chronobiology International, 2018, 35, 1-11.	0.9	3
161	Estimating the age of western grey kangaroos (Macropus fuliginosus ocydromus). Australian Mammalogy, 2018, 40, 254.	0.7	3
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