Fritz Geiser

List of Publications by Year
in descending order

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242	11,648	28190	40881
papers	citations	55 h-index	93 g-index

251	251	251	3838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metabolic Rate and Body Temperature Reduction During Hibernation and Daily Torpor. Annual Review of Physiology, 2004, 66, 239-274.	5.6	936
2	Daily torpor and hibernation in birds and mammals. Biological Reviews, 2015, 90, 891-926.	4.7	639
3	Hibernation versus Daily Torpor in Mammals and Birds: Physiological Variables and Classification of Torpor Patterns. Physiological Zoology, 1995, 68, 935-966.	1.5	541
4	Reduction of metabolism during hibernation and daily torpor in mammals and birds: temperature effect or physiological inhibition?. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1988, 158, 25-37.	0.7	291
5	Hibernation. Current Biology, 2013, 23, R188-R193.	1.8	265
6	THE TEMPORAL ORGANIZATION OF DAILY TORPOR AND HIBERNATION: CIRCADIAN AND CIRCANNUAL RHYTHMS. Chronobiology International, 2000, 17, 103-128.	0.9	212
7	Torpor Duration in Relation to Temperature and Metabolism in Hibernating Ground Squirrels. Physiological Zoology, 1988, 61, 442-449.	1.5	171
8	Deep, prolonged torpor by pregnant, free-ranging bats. Die Naturwissenschaften, 2006, 93, 80-83.	0.6	142
9	Periodic arousals in hibernating mammals: is evaporative water loss involved?. Functional Ecology, 1997, 11, 585-591.	1.7	137
10	EVOLUTION OF DAILY TORPOR AND HIBERNATION IN BIRDS AND MAMMALS: IMPORTANCE OF BODY SIZE. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 736-740.	0.9	135
11	Body mass dependent use of hibernation: why not prolong the active season, if they can?. Functional Ecology, 2014, 28, 167-177.	1.7	133
12	Torpor and activity patterns in free-ranging sugar gliders Petaurus breviceps (Marsupialia). Oecologia, 2000, 123, 350-357.	0.9	131
13	Hibernation and daily torpor minimize mammalian extinctions. Die Naturwissenschaften, 2009, 96, 1235-1240.	0.6	128
14	Hibernation and Daily Torpor in Marsupials - a Review. Australian Journal of Zoology, 1994, 42, 1.	0.6	124
15	Seasonality of torpor and thermoregulation in three dasyurid marsupials. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1987, 157, 335-344.	0.7	112
16	The importance of temporal heterothermy in bats. Journal of Zoology, 2014, 292, 86-100.	0.8	112
17	Torpor, thermal biology, and energetics in Australian long-eared bats (Nyctophilus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2000, 170, 153-162.	0.7	111
18	Torpor and basking in a small arid zone marsupial. Die Naturwissenschaften, 2007, 95, 73-78.	0.6	110

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19	Radiant heat affects thermoregulation and energy expenditure during rewarming from torpor. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2003, 173, 55-60.	0.7	98
20	Comparative locomotor performance of marsupial and placental mammals. Journal of Zoology, 1988, 215, 505-522.	0.8	94
21	Hibernation and Torpor in Tropical and Subtropical Bats in Relation to Energetics, Extinctions, and the Evolution of Endothermy. Integrative and Comparative Biology, 2011, 51, 337-348.	0.9	93
22	The effect of unsaturated and saturated dietary lipids on the pattern of daily torpor and the fatty acid composition of tissues and membranes of the deer mouse Peromyscus maniculatus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1991, 161, 590-597.	0.7	92
23	Was basking important in the evolution of mammalian endothermy?. Die Naturwissenschaften, 2002, 89, 412-414.	0.6	91
24	Ecology of natural hibernation in the marsupial mountain pygmy-possum (Burramys parvus). Oecologia, 1998, 113, 170-178.	0.9	90
25	The energetic cost of arousal from torpor in the marsupial Sminthopsis macroura : benefits of summer ambient temperature cycles. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1999, 169, 11-18.	0.7	90
26	More functions of torpor and their roles in a changing world. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 889-897.	0.7	87
27	Natural Use of Heterothermy by a Small, Treeâ€Roosting Bat during Summer. Physiological and Biochemical Zoology, 2003, 76, 868-876.	0.6	86
28	Summer torpor in a free-ranging bat from subtropical Australia. Journal of Thermal Biology, 2003, 28, 223-226.	1.1	85
29	The degree of dietary fatty acid unsaturation affects torpor patterns and lipid composition of a hibernator. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1994, 164, 299-305.	0.7	84
30	Fat and fed: frequent use of summer torpor in a subtropical bat. Die Naturwissenschaften, 2010, 97, 29-35.	0.6	83
31	Daily torpor and energetics in a tropical mammal, the northern blossom-bat Macroglossus minimus (Megachiroptera). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1998, 168, 233-239.	0.7	80
32	Winter torpor in a large bird. Nature, 2000, 407, 318-318.	13.7	80
33	Seasonal Control of Mammalian Energy Balance: Recent Advances in the Understanding of Daily Torpor and Hibernation. Journal of Neuroendocrinology, 2016, 28, .	1.2	80
34	Hibernation by tree-roosting bats. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 597-605.	0.7	79
35	Organic contaminants in bats: Trends and new issues. Environment International, 2014, 63, 40-52.	4.8	79
36	Reduction of metabolic rate and thermoregulation during daily torpor. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1995, 165, 291-297.	0.7	78

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37	Seasonal changes in energetics and torpor patterns in the subtropical blossom-bat Syconycteris australis (Megachiroptera). Oecologia, 1998, 113, 467-473.	0.9	76
38	The Other Functions of Torpor. , 2012, , 109-121.		76
39	Influence of polyunsaturated and saturated dietary lipids on adipose tissue, brain and mitochondrial membrane fatty acid composition of a mammalian hibernator. Lipids and Lipid Metabolism, 1990, 1046, 159-166.	2.6	74
40	Ontogeny and phylogeny of endothermy and torpor in mammals and birds. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 150, 176-180.	0.8	74
41	Torpor during Reproduction in Mammals and Birds: Dealing with an Energetic Conundrum. Integrative and Comparative Biology, 2014, 54, 516-532.	0.9	74
42	Daily torpor and thermoregulation in antechinus (Marsupialia): influence of body mass, season, development, reproduction, and sex. Oecologia, 1988, 77, 395-399.	0.9	73
43	Torpor and hypothermia: reversed hysteresis of metabolic rate and body temperature. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R1324-R1329.	0.9	71
44	Seasonal Use of Torpor by Freeâ€Ranging Australian Owletâ€Nightjars (Aegotheles cristatus). Physiological and Biochemical Zoology, 2000, 73, 613-620.	0.6	70
45	Allometry of thermal variables in mammals: consequences of body size and phylogeny. Biological Reviews, 2013, 88, 564-572.	4.7	70
46	Torpor Bout Duration during the Hibernation Season of Two Sciurid Rodents: Interrelations with Temperature and Metabolism. Physiological Zoology, 1990, 63, 489-503.	1.5	67
47	Yearlong hibernation in a marsupial mammal. Die Naturwissenschaften, 2007, 94, 941-944.	0.6	66
48	Torpor in relation to reproduction in the mulgara, Dasycercus cristicauda (Dasyuridae: Marsupialia). Journal of Thermal Biology, 1994, 19, 33-40.	1.1	64
49	Thermal Biology, Torpor, and Activity in Freeâ€Living Mulgaras in Arid Zone Australia during the Winter Reproductive Season. Physiological and Biochemical Zoology, 2008, 81, 442-451.	0.6	64
50	Hibernation in the mountain pygmy possum Burramys parvus (Marsupialia). Journal of Zoology, 1991, 223, 593-602.	0.8	63
51	Intraspecific differences in behaviour and physiology: effects of captive breeding on patterns of torpor in feathertail gliders. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2001, 171, 569-576.	0.7	63
52	Hibernation and daily torpor in Australian mammals. Australian Zoologist, 2010, 35, 204-215.	0.6	63
53	The importance of mammalian torpor for survival in a post-fire landscape. Biology Letters, 2015, 11, 20150134.	1.0	61
54	Influence of torpor on daily energy expenditure of the dasyurid marsupial Sminthopsis crassicaudata. Comparative Biochemistry and Physiology A, Comparative Physiology, 1995, 112, 59-66.	0.7	59

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55	Daily Torpor and Energy Expenditure in Sminthopsis macroura: Interactions between Food and Water Availability and Temperature. Physiological Zoology, 1997, 70, 331-337.	1.5	57
56	Ecological Physiology of Daily Torpor and Hibernation. Fascinating Life Sciences, 2021, , .	0.5	57
57	Dietary fats and torpor patterns in hibernating ground squirrels. Canadian Journal of Zoology, 1993, 71, 1182-1185.	0.4	56
58	Thermal relations of metabolic rate reduction in a hibernating marsupial. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R2097-R2104.	0.9	56
59	The key to winter survival: daily torpor in a small arid-zone marsupial. Die Naturwissenschaften, 2009, 96, 525-530.	0.6	55
60	Hibernation by a free-ranging subtropical bat (Nyctophilus bifax). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 433-441.	0.7	55
61	Seasonal changes in the thermoenergetics of the marsupial sugar glider, Petaurus breviceps. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2001, 171, 643-650.	0.7	54
62	The Effect of Dietary Fatty Acids on the Pattern of Torpor in a Marsupial. Physiological Zoology, 1992, 65, 1236-1245.	1.5	54
63	Thermoregulation and torpor in the Kultarr,Antechinomys laniger (Marsupialia: Dasyuridae). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1986, 156, 751-757.	0.7	53
64	Daily Torpor and Thermoregulation in the Small Dasyurid Marsupials Planigale-Gilesi and Ningaui-Yvonneae. Australian Journal of Zoology, 1988, 36, 473.	0.6	53
65	Effect of torpor on the water economy of an arid-zone marsupial, the stripe-faced dunnart (Sminthopsis macroura). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2005, 175, 323-328.	0.7	53
66	Torpor and thermal energetics in a tiny Australian vespertilionid, the little forest bat (Vespadelus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Physiology, 2005, 175, 479-486.	0.7	52
67	Seasonal variations in thermal energetics of Australian silvereyes (Zosterops lateralis). Journal of Zoology, 2000, 252, 327-333.	0.8	51
68	Hot bats: extreme thermal tolerance in a desert heat wave. Die Naturwissenschaften, 2014, 101, 679-685.	0.6	51
69	Snoozing through the storm: torpor use during a natural disaster. Scientific Reports, 2015, 5, 11243.	1.6	51
70	Hibernation and Daily Torpor in Two Pygmy Possums (Cercartetus Spp., Marsupialia). Physiological Zoology, 1987, 60, 93-102.	1.5	50
71	Leptin increases energy expenditure of a marsupial by inhibition of daily torpor. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R1627-R1632.	0.9	50
72	Dietary fats and body lipid composition in relation to hibernation in free-ranging echidnas. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2001, 171, 189-194.	0.7	50

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73	Polyunsaturated dietary lipids lower the selected body temperature of a lizard. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1992, 162, 1-4.	0.7	48
74	Thermoregulation, energy metabolism, and torpor in blossom-bats,Syconycteris australis(Megachiroptera). Journal of Zoology, 1996, 239, 583-590.	0.8	48
75	Thermal physiology of pregnant and lactating female and male long-eared bats, Nyctophilus geoffroyi and N. gouldi. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2006, 176, 165-172.	0.7	48
76	Cool running: locomotor performance at low body temperature in mammals. Biology Letters, 2012, 8, 868-870.	1.0	48
77	Do Patterns of Torpor Differ between Free-ranging and Captive Mammals and Birds?. , 2000, , 95-102.		48
78	The effect of temperature on the pattern of torpor in a marsupial hibernator. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1993, 163, 133-7.	0.7	47
79	Basking and torpor in a rock-dwelling desert marsupial: survival strategies in a resource-poor environment. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 885-892.	0.7	47
80	To use or not to use torpor? Activity and body temperature as predictors. Die Naturwissenschaften, 2007, 94, 483-487.	0.6	47
81	The impact of dietary fats, photoperiod, temperature and season on morphological variables, torpor patterns, and brown adipose tissue fatty acid composition of hamsters, Phodopus sungorus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1995, 165, 406-415.	0.7	46
82	Photoperiod affects daily torpor and tissue fatty acid composition in deer mice. Die Naturwissenschaften, 2007, 94, 319-325.	0.6	45
83	The energetics of basking behaviour and torpor in a small marsupial exposed to simulated natural conditions. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 437-445.	0.7	44
84	Seasonality of torpor patterns and physiological variables of a free-ranging subtropical bat. Journal of Experimental Biology, 2010, 213, 393-399.	0.8	44
85	Cool echidnas survive the fire. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160382.	1.2	44
86	The effect of metabolic fuel availability on thermoregulation and torpor in a marsupial hibernator. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2004, 174, 49-57.	0.7	43
87	Spatial ecology of the mulgara in arid Australia: impact of fire history on home range size and burrow use. Journal of Zoology, 2007, 273, 350-357.	0.8	43
88	Thermal biology, torpor and behaviour in sugar gliders: a laboratory-field comparison. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 495-501.	0.7	43
89	Prey availability affects daily torpor by free-ranging Australian owlet-nightjars (Aegotheles) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.9	43
90	Passive rewarming from torpor in hibernating bats: minimizing metabolic costs and cardiac demands. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R34-R41.	0.9	43

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91	Torpor in Freeâ€Ranging Tawny Frogmouths (Podargus strigoides). Physiological and Biochemical Zoology, 2001, 74, 789-797.	0.6	42
92	Effects of temperature acclimation on maximum heat production, thermal tolerance, and torpor in a marsupial. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2003, 173, 437-442.	0.7	42
93	Do implanted transmitters affect maximum running speed of two small marsupials?. Journal of Mammalogy, 2010, 91, 1360-1364.	0.6	42
94	Seasonal Expression of Avian and Mammalian Daily Torpor and Hibernation: Not a Simple Summer-Winter Affairâ€. Frontiers in Physiology, 2020, 11, 436.	1.3	42
95	Heart rate as a predictor of metabolic rate in heterothermic bats. Journal of Experimental Biology, 2014, 217, 1519-24.	0.8	40
96	Energetics, Thermoregulation and Nocturnal Hypothermia in Australian Silvereyes. Condor, 1997, 99, 104-112.	0.7	37
97	Timing of the daily temperature cycle affects the critical arousal temperature and energy expenditure of lesser long-eared bats. Journal of Experimental Biology, 2008, 211, 3871-3878.	0.8	37
98	Baby in the bathwater: Should we abandon the use of body temperature thresholds to quantify expression of torpor?. Journal of Thermal Biology, 2011, 36, 376-379.	1.1	37
99	Heterothermy in an Australian passerine, the Dusky Woodswallow (Artamus cyanopterus). Journal of Ornithology, 2007, 148, 571-577.	0.5	36
100	Prolonged and daily torpor in the feathertail glider, Acrobates pygmaeus (Marsupialia: Acrobatidae). Journal of Zoology, 1992, 227, 101-108.	0.8	35
101	Dietary fats, selected body temperature and tissue fatty acid composition of agamid lizards (Amphibolurus nuchalis). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1994, 164, 55-61.	0.7	35
102	Vertebrate diet decreases winter torpor use in a desert marsupial. Die Naturwissenschaften, 2009, 96, 679-683.	0.6	34
103	Gas Conductance of the Jelly Capsule of Terrestrial Frog Eggs Correlates with Embryonic Stage, Not Metabolic Demand or Ambient P<scp>o</scp>₂. Physiological Zoology, 1991, 64, 673-687.	1.5	34
104	Effects of Helium/Oxygen and Temperature on Aerobic Metabolism in the Marsupial Sugar Glider,Petaurus breviceps. Physiological and Biochemical Zoology, 2001, 74, 219-225.	0.6	33
105	Thermal biology, torpor use and activity patterns of a small diurnal marsupial from a tropical desert: sexual differences. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 869-876.	0.7	33
106	The â€œminimal boundary curve for endothermyâ€•as a predictor of heterothermy in mammals and birds: a review. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 1-8.	0.7	32
107	Roost type influences torpor use by Australian owlet-nightjars. Die Naturwissenschaften, 2011, 98, 845-854.	0.6	32
108	Reproductive status and torpor of the marsupial Sminthopsis crassicaudata: Effect of photoperiod. Journal of Thermal Biology, 1996, 21, 373-380.	1.1	31

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109	Post-wildfire physiological ecology of an Australian microbat. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 937-946.	0.7	31
110	Torpor and basking after a severe wildfire: mammalian survival strategies in a scorched landscape. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 385-393.	0.7	31
111	The influence of temperature and photophase on daily torpor inSminthopsis macroura (Dasyuridae:) Tj ETQq1 1 0.784314 rgBT /Overlock Physiology, 1985, 156, 129-134.	0.7	30
112	Body temperature rhythms and activity in reproductive Antechinus (Marsupialia). Physiology and Behavior, 1995, 58, 31-36.	1.0	30
113	The use of small subcutaneous transponders for quantifying thermal biology and torpor in small mammals. Journal of Thermal Biology, 2012, 37, 250-254.	1.1	30
114	Physiological and behavioural responses of a small heterothermic mammal to fire stimuli. Physiology and Behavior, 2015, 151, 617-622.	1.0	30
115	Development of thermoregulation and torpor in a marsupial: energetic and evolutionary implications. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2006, 176, 107-116.	0.7	29
116	Does torpor of elephant shrews differ from that of other heterothermic mammals?. Journal of Mammalogy, 2011, 92, 452-459.	0.6	29
117	Will Temperature Effects or Phenotypic Plasticity Determine the Thermal Response of a Heterothermic Tropical Bat to Climate Change?. PLoS ONE, 2012, 7, e40278.	1.1	29
118	Some like it cold: summer torpor by freetail bats in the Australian arid zone. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 1113-1122.	0.7	29
119	Hibernation in the Eastern Pygmy Possum, Cercartetus-Nanus (Marsupialia, Burramyidae). Australian Journal of Zoology, 1993, 41, 67.	0.6	29
120	Hibernation-induced changes in the ganglioside composition of dormice (Glis glis). Journal of Thermal Biology, 1981, 6, 145-151.	1.1	28
121	From Ectothermy to Heterothermy: The Energetics of the Kowari, Dasyuroides byrnei (Marsupialia:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	28
122	Field metabolic rates and water uptake in the blossom-bat Syconycteris australis (Megachiroptera). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1999, 169, 133-138.	0.7	27
123	Seasonal variation in thermal energetics of the Australian owlet-nightjar (Aegotheles cristatus). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 615-620.	0.8	27
124	Effect of photoperiod and ambient temperature on activity patterns and body weight cycles of mountain pygmy-possums, Burramys parvus (Marsupialia). Journal of Zoology, 2009, 235, 311-322.	0.8	27
125	Can hibernators sense and evade fires? Olfactory acuity and locomotor performance during deep torpor. Die Naturwissenschaften, 2016, 103, 73.	0.6	27
126	Summer and winter torpor use by a free-ranging marsupial. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 162, 274-280.	0.8	26

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127	The Burramys Project: a conservationist's reach should exceed history's grasp, or what is the fossil record for?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190221.	1.8	26
128	Foraging Behaviour in Relation to the Lunar Cycle by Australian Owlet-nightjarsAegotheles cristatus. Emu, 1999, 99, 253-261.	0.2	25
129	Basking and diurnal foraging in the dasyurid marsupial Pseudantechinus macdonnellensis. Australian Journal of Zoology, 2008, 56, 129.	0.6	25
130	Do season and distribution affect thermal energetics of a hibernating bat endemic to the tropics and subtropics?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R542-R547.	0.9	25
131	Developmental phenotypic plasticity in a marsupial. Journal of Experimental Biology, 2012, 215, 1552-1558.	0.8	25
132	Torpor in the Patagonian opossum (Lestodelphys halli): implications for the evolution of daily torpor and hibernation. Die Naturwissenschaften, 2013, 100, 975-981.	0.6	25
133	Metabolic Cost of Development in Terrestrial Frog Eggs (Pseudophryne bibronii). Physiological Zoology, 1991, 64, 688-696.	1.5	25
134	Rhythmicity of torpor in a marsupial hibernator, the mountain pygmy-possum (Burramysparvus), under natural and laboratory conditions. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1998, 168, 631-638.	0.7	24
135	Temperature selection and use of torpor by the marsupial Sminthopsis macroura. Physiology and Behavior, 1998, 64, 675-682.	1.0	24
136	Daily torpor in a pregnant dunnart (Sminthopsis macroura Dasyuridae: Marsupialia). Mammalian Biology, 2005, 70, 117-121.	0.8	24
137	A burning question: what are the risks and benefits of mammalian torpor during and after fires?. , 2018, 6, coy057.		24
138	Torpor and activity in a free-ranging tropical bat: implications for the distribution and conservation of mammals?. Die Naturwissenschaften, 2011, 98, 447-452.	0.6	23
139	Geographical variation in the standard physiology of brushtail possums (Trichosurus): implications for conservation translocations. , 2018, 6, coy042.		23
140	Dietary cholesterol enhances torpor in a rodent hibernator. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1997, 167, 416-422.	0.7	22
141	Home range and spatial organisation of rock-dwelling carnivorous marsupial, Pseudantechinus macdonnellensis. Wildlife Research, 2003, 30, 135.	0.7	22
142	Heterothermy in pouched mammals â€“ a review. Journal of Zoology, 2014, 292, 74-85.	0.8	22
143	Down but Not Out: The Role of MicroRNAs in Hibernating Bats. PLoS ONE, 2015, 10, e0135064.	1.1	22
144	Phoenix from the Ashes: Fire, Torpor, and the Evolution of Mammalian Endothermy. Frontiers in Physiology, 2017, 8, 842.	1.3	22

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145	Thermobiology, energetics and activity patterns of the Eastern tube-nosed bat (<i>Nyctimene) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Experimental Biology, 2010, 213, 2557-2564.	0.8	21
146	Adaptive Evolution of Leptin in Heterothermic Bats. PLoS ONE, 2011, 6, e27189.	1.1	21
147	Opportunistic hibernation by a freeâ€ranging marsupial. Journal of Zoology, 2012, 286, 277-284.	0.8	21
148	Torpor in free-ranging antechinus: does it increase fitness?. Die Naturwissenschaften, 2014, 101, 105-114.	0.6	21
149	Friends with benefits: the role of huddling in mixed groups of torpid and normothermic animals. Journal of Experimental Biology, 2015, 219, 590-6.	0.8	21
150	The functional requirements of mammalian hair: a compromise between crypsis and thermoregulation?. Die Naturwissenschaften, 2016, 103, 53.	0.6	21
151	Aestivation in Mammals and Birds. Progress in Molecular and Subcellular Biology, 2010, 49, 95-111.	0.9	21
152	Hibernation in Free-Living Mountain Pygmy-Possums, Burramys Parvus (Marsupialia, Burramyidae). Australian Journal of Zoology, 1995, 43, 373.	0.6	20
153	Development of thermoregulation in the sugar glider Petaurus breviceps (Marsupialia: Petauridae). Journal of Zoology, 2000, 252, 389-397.	0.8	20
154	A non-invasive method for quantifying patterns of torpor and activity under semi-natural conditions. Journal of Thermal Biology, 2005, 30, 551-556.	1.1	20
155	Effects of nest use, huddling, and torpor on thermal energetics of eastern pygmy-possums. Australian Mammalogy, 2009, 31, 31.	0.7	20
156	Can bats sense smoke during deep torpor?. Physiology and Behavior, 2018, 185, 31-38.	1.0	20
157	The effect of He?O2 exposure on metabolic rate, thermoregulation and thermal conductance during normothermia and daily torpor. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1996, 166, 190-196.	0.7	19
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