

Johannes Overgaard

List of Publications by Year in descending order

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136
papers

7,763
citations

57631

44
h-index

62479

80
g-index

143
all docs

143
docs citations

143
times ranked

4681
citing authors

#	ARTICLE	IF	CITATIONS
1	Cold acclimation preserves hindgut reabsorption capacity at low temperature in a chill-susceptible insect, <i>Locusta migratoria</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 252, 110850.	0.8	6
2	Dramatic changes in mitochondrial substrate use at critically high temperatures: a comparative study using <i>Drosophila</i> . <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	25
3	A unifying model to estimate thermal tolerance limits in ectotherms across static, dynamic and fluctuating exposures to thermal stress. <i>Scientific Reports</i> , 2021, 11, 12840.	1.6	56
4	Quantitative model analysis of the resting membrane potential in insect skeletal muscle: Implications for low temperature tolerance. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 257, 110970.	0.8	6
5	Osmoregulatory capacity at low temperature is critical for insect cold tolerance. <i>Current Opinion in Insect Science</i> , 2021, 47, 38-45.	2.2	29
6	Acclimation, duration and intensity of cold exposure determine the rate of cold stress accumulation and mortality in <i>Drosophila suzukii</i> . <i>Journal of Insect Physiology</i> , 2021, 135, 104323.	0.9	12
7	Cold acclimation increases depolarization resistance and tolerance in muscle fibers from a chill-susceptible insect, <i>Locusta migratoria</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R439-R447.	0.9	20
8	Comparison of Static and Dynamic Assays When Quantifying Thermal Plasticity of <i>Drosophilids</i> . <i>Insects</i> , 2020, 11, 537.	1.0	8
9	Fitness consequences of artificial diets with different macronutrient composition for the predatory bug <i>Orius majusculus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 492-501.	0.7	12
10	Neural dysfunction correlates with heat coma and CTmax in <i>Drosophila</i> but does not set the boundaries for heat stress survival. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	22
11	Maintenance of hindgut reabsorption during cold exposure is a key adaptation for <i>Drosophila</i> cold tolerance. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	15
12	Evolution and plasticity of thermal performance: an analysis of variation in thermal tolerance and fitness in 22 <i>Drosophila</i> species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180548.	1.8	77
13	Using radiotelemetry to study behavioural thermoregulation in insects under field conditions. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1773-1782.	2.2	7
14	Physiological Adaptations to Extreme Maternal and Allomaternal Care in Spiders. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	7
15	Temperature preference across life stages and acclimation temperatures investigated in four species of <i>Drosophila</i> . <i>Journal of Thermal Biology</i> , 2019, 86, 102428.	1.1	22
16	Effects of anoxia on ATP, water, ion and pH balance in an insect (<i>Locusta migratoria</i>). <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	26
17	Prey-specific experience affects prey preference and time to kill in the soil predatory mite <i>Gaeolaelaps aculeifer</i> Canestrini. <i>Biological Control</i> , 2019, 139, 104076.	1.4	4
18	Cold acclimation modulates voltage gated Ca ²⁺ channel currents and fiber excitability in skeletal muscles of <i>Locusta migratoria</i> . <i>Journal of Insect Physiology</i> , 2019, 114, 116-124.	0.9	4

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19	The central nervous system and muscular system play different roles for chill coma onset and recovery in insects. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 233, 10-16.	0.8	56
20	How to assess <i>Drosophila</i> heat tolerance: Unifying static and dynamic tolerance assays to predict heat distribution limits. <i>Functional Ecology</i> , 2019, 33, 629-642.	1.7	117
21	Fluctuating thermal regime preserves physiological homeostasis and reproductive capacity in <i>Drosophila suzukii</i> . <i>Journal of Insect Physiology</i> , 2019, 113, 33-41.	0.9	26
22	Paralytic hypo-energetic state facilitates anoxia tolerance despite ionic imbalance in adult <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	22
23	Laboratory maintenance does not alter ecological and physiological patterns among species: a <i>Drosophila</i> case study. <i>Journal of Evolutionary Biology</i> , 2018, 31, 530-542.	0.8	33
24	Cold tolerance is linked to osmoregulatory function of the hindgut in <i>Locusta migratoria</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	21
25	Oxygen- and capacity-limited thermal tolerance: blurring ecology and physiology. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	204
26	Plasticity for desiccation tolerance across <i>Drosophila</i> species is affected by phylogeny and climate in complex ways. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180048.	1.2	46
27	Role of temperature on growth and metabolic rate in the tenebrionid beetles <i>Alphitobius diaperinus</i> and <i>Tenebrio molitor</i> . <i>Journal of Insect Physiology</i> , 2018, 107, 89-96.	0.9	71
28	Increased lipid accumulation but not reduced metabolism explains improved starvation tolerance in cold-acclimated arthropod predators. <i>Die Naturwissenschaften</i> , 2018, 105, 65.	0.6	6
29	Cold exposure causes cell death by depolarization-mediated Ca ²⁺ overload in a chill-susceptible insect. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9737-E9744.	3.3	72
30	Are commercial stocks of biological control agents genetically depauperate? – A case study on the pirate bug <i>Orius majusculus</i> Reuter. <i>Biological Control</i> , 2018, 127, 31-38.	1.4	16
31	Central nervous shutdown underlies acute cold tolerance in tropical and temperate <i>Drosophila</i> species. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	46
32	Cold-acclimation improves chill tolerance in the migratory locust through preservation of ion balance and membrane potential. <i>Journal of Experimental Biology</i> , 2017, 220, 487-496.	0.8	48
33	Heat stress is associated with disruption of ion balance in the migratory locust, <i>Locusta migratoria</i> . <i>Journal of Thermal Biology</i> , 2017, 68, 177-185.	1.1	26
34	Metabolic cold adaptation contributes little to the interspecific variation in metabolic rates of 65 species of <i>Drosophilidae</i> . <i>Journal of Insect Physiology</i> , 2017, 98, 309-316.	0.9	24
35	Physiological correlates of chill susceptibility in <i>Lepidoptera</i> . <i>Journal of Insect Physiology</i> , 2017, 98, 317-326.	0.9	22
36	Temperature effects on aerobic scope and cardiac performance of European perch (<i>Perca fluviatilis</i>). <i>Journal of Thermal Biology</i> , 2017, 68, 162-169.	1.1	20

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37	Cold mortality is not caused by oxygen limitation or loss of ion homeostasis in the tropical freshwater shrimp <i>Macrobrachium rosenbergii</i> . <i>Cryobiology</i> , 2017, 76, 146-149.	0.3	3
38	Cold tolerance of <i>Drosophila</i> species is tightly linked to epithelial K ⁺ transport capacity of the Malpighian tubules and rectal pads. <i>Journal of Experimental Biology</i> , 2017, 220, 4261-4269.	0.8	30
39	Cold acclimation reduces predation rate and reproduction but increases cold- and starvation tolerance in the predatory mite <i>Gaeolaelaps aculeifer</i> Canestrini. <i>Biological Control</i> , 2017, 114, 150-157.	1.4	23
40	Acclimation responses to short-term temperature treatments during early life stages causes long lasting changes in spontaneous activity of adult <i>Drosophila melanogaster</i> . <i>Physiological Entomology</i> , 2017, 42, 404-411.	0.6	23
41	A critical test of <i>Drosophila</i> anaesthetics: Isoflurane and sevoflurane are benign alternatives to cold and CO ₂ . <i>Journal of Insect Physiology</i> , 2017, 101, 97-106.	0.9	41
42	Paralysis and heart failure precede ion balance disruption in heat-stressed European green crabs. <i>Journal of Thermal Biology</i> , 2017, 68, 186-194.	1.1	6
43	The Integrative Physiology of Insect Chill Tolerance. <i>Annual Review of Physiology</i> , 2017, 79, 187-208.	5.6	295
44	A Quantitative Genomic Approach for Analysis of Fitness and Stress Related Traits in a <i>Drosophila melanogaster</i> Model Population. <i>International Journal of Genomics</i> , 2016, 2016, 1-11.	0.8	18
45	Benefits of Group Living Include Increased Feeding Efficiency and Lower Mass Loss during Desiccation in the Social and Inbreeding Spider <i>Stegodyphus dumicola</i> . <i>Frontiers in Physiology</i> , 2016, 7, 18.	1.3	38
46	Tropical to subpolar gradient in phospholipid composition suggests adaptive tuning of biological membrane function in drosophilids. <i>Functional Ecology</i> , 2016, 30, 759-768.	1.7	24
47	Preservation of potassium balance is strongly associated with insect cold tolerance in the field: a seasonal study of <i>Drosophila subobscura</i> . <i>Biology Letters</i> , 2016, 12, 20160123.	1.0	12
48	Evolutionary and ecological patterns of thermal acclimation capacity in <i>Drosophila</i> : is it important for keeping up with climate change?. <i>Current Opinion in Insect Science</i> , 2016, 17, 98-104.	2.2	113
49	Students' motivation toward laboratory work in physiology teaching. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 313-318.	0.8	41
50	Reduced L-type Ca ²⁺ current and compromised excitability induce loss of skeletal muscle function during acute cooling in locust. <i>Journal of Experimental Biology</i> , 2016, 219, 2340-8.	0.8	22
51	Hemolymph metabolites and osmolality are tightly linked to cold tolerance of <i>Drosophila</i> species: a comparative study. <i>Journal of Experimental Biology</i> , 2016, 219, 2504-13.	0.8	34
52	Does oxygen limit thermal tolerance in arthropods? A critical review of current evidence. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 192, 64-78.	0.8	252
53	The capacity to maintain ion and water homeostasis underlies interspecific variation in <i>Drosophila</i> cold tolerance. <i>Scientific Reports</i> , 2015, 5, 18607.	1.6	89
54	Oxygenation properties and isoform diversity of snake hemoglobins. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1178-R1191.	0.9	29

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55	Low evolutionary potential for egg-to-adult viability in <i>Drosophila melanogaster</i> at high temperatures. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 803-814.	1.1	37
56	Food composition influences metabolism, heart rate and organ growth during digestion in Python regius. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 183, 36-44.	0.8	21
57	How to assess <i>Drosophila</i> cold tolerance: chill coma temperature and lower lethal temperature are the best predictors of cold distribution limits. <i>Functional Ecology</i> , 2015, 29, 55-65.	1.7	214
58	Membrane properties of <i>Enchytraeus albidus</i> originating from contrasting environments: a comparative analysis. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015, 185, 389-400.	0.7	10
59	Muscle membrane potential and insect chill coma. <i>Journal of Experimental Biology</i> , 2015, 218, 2492-5.	0.8	39
60	Temperate <i>Drosophila</i> preserve cardiac function at low temperature. <i>Journal of Insect Physiology</i> , 2015, 77, 26-32.	0.9	8
61	Sodium distribution predicts the chill tolerance of <i>Drosophila melanogaster</i> raised in different thermal conditions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R823-R831.	0.9	65
62	Concurrent effects of cold and hyperkalaemia cause insect chilling injury. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151483.	1.2	71
63	Introduction to the Special Issue "What sets the limit? How thermal limits, performance and preference in ectotherms are influenced by water or energy balance". <i>Journal of Thermal Biology</i> , 2015, 54, 1-2.	1.1	2
64	No patterns in thermal plasticity along a latitudinal gradient in <i>Drosophila simulans</i> from eastern Australia. <i>Journal of Evolutionary Biology</i> , 2014, 27, 2541-2553.	0.8	33
65	Why do insects enter and recover from chill coma? Low temperature and high extracellular potassium compromise muscle function in <i>Locusta migratoria</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 1297-1306.	0.8	78
66	Roles of carbohydrate reserves for local adaptation to low temperatures in the freeze tolerant oligochaete <i>Enchytraeus albidus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 167-177.	0.7	13
67	Sensitivity to thermal extremes in Australian <i>Drosophila</i> implies similar impacts of climate change on the distribution of widespread and tropical species. <i>Global Change Biology</i> , 2014, 20, 1738-1750.	4.2	181
68	Cold-induced depolarization of insect muscle: Differing roles of extracellular K ⁺ during acute and chronic chilling. <i>Journal of Experimental Biology</i> , 2014, 217, 2930-8.	0.8	90
69	Effect of repeated freeze-thaw cycles on geographically different populations of the freeze tolerant worm <i>Enchytraeus albidus</i> (Oligochaeta). <i>Journal of Experimental Biology</i> , 2014, 217, 3843-52.	0.8	12
70	Oxygen transport is not compromised at high temperature in pythons. <i>Journal of Experimental Biology</i> , 2014, 217, 3958-61.	0.8	31
71	The rapid cold hardening response of <i>Drosophila melanogaster</i> : Complex regulation across different levels of biological organization. <i>Journal of Insect Physiology</i> , 2014, 62, 46-53.	0.9	39
72	Inbreeding effects on standard metabolic rate investigated at cold, benign and hot temperatures in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2014, 62, 11-20.	0.9	33

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73	Metabolomic analysis of the selection response of <i>Drosophila melanogaster</i> to environmental stress: are there links to gene expression and phenotypic traits?. <i>Die Naturwissenschaften</i> , 2013, 100, 417-427.	0.6	27
74	Rapid cold hardening improves recovery of ion homeostasis and chill coma recovery in the migratory locust <i>Locusta migratoria</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 1630-7.	0.8	76
75	Feeding impairs chill coma recovery in the migratory locust (<i>Locusta migratoria</i>). <i>Journal of Insect Physiology</i> , 2013, 59, 1041-1048.	0.9	43
76	Proteomic profiling of thermal acclimation in <i>Drosophila melanogaster</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 352-365.	1.2	98
77	Trait Associations across Evolutionary Time within a <i>Drosophila</i> Phylogeny: Correlated Selection or Genetic Constraint?. <i>PLoS ONE</i> , 2013, 8, e72072.	1.1	14
78	Aerobic scope and cardiovascular oxygen transport is not compromised at high temperatures in the toad <i>Rhinella marina</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 3519-26.	0.8	56
79	Upper thermal limits of <i>Drosophila</i> are linked to species distributions and strongly constrained phylogenetically. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16228-16233.	3.3	454
80	Metabolic Transitions During Feast and Famine in Spiders. , 2012, , 53-68.		5
81	Validity of Thermal Ramping Assays Used to Assess Thermal Tolerance in Arthropods. <i>PLoS ONE</i> , 2012, 7, e32758.	1.1	128
82	PHYLOGENETIC CONSTRAINTS IN KEY FUNCTIONAL TRAITS BEHIND SPECIES' CLIMATE NICHES: PATTERNS OF DESICCATION AND COLD RESISTANCE ACROSS 95 <i>DROSOPHILA</i> SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3377-3389.	1.1	261
83	Thermal Tolerance in Widespread and Tropical <i>Drosophila</i> Species: Does Phenotypic Plasticity Increase with Latitude?. <i>American Naturalist</i> , 2011, 178, S80-S96.	1.0	219
84	Assessing population and environmental effects on thermal resistance in <i>Drosophila melanogaster</i> using ecologically relevant assays. <i>Journal of Thermal Biology</i> , 2011, 36, 409-416.	1.1	64
85	Body metal concentrations and glycogen reserves in earthworms (<i>Dendrobaena octaedra</i>) from contaminated and uncontaminated forest soil. <i>Environmental Pollution</i> , 2011, 159, 190-197.	3.7	53
86	Dietary protein content affects evolution for body size, body fat and viability in <i>Drosophila melanogaster</i> . <i>Biology Letters</i> , 2011, 7, 269-272.	1.0	37
87	Metabolic consequences of feeding and fasting on nutritionally different diets in the wolf spider <i>Pardosa prativaga</i> . <i>Journal of Insect Physiology</i> , 2010, 56, 1095-1100.	0.9	57
88	Field tests reveal genetic variation for performance at low temperatures in <i>Drosophila melanogaster</i> . <i>Functional Ecology</i> , 2010, 24, 186-195.	1.7	25
89	A comprehensive assessment of geographic variation in heat tolerance and hardening capacity in populations of <i>Drosophila melanogaster</i> from eastern Australia. <i>Journal of Evolutionary Biology</i> , 2010, 23, 2484-2493.	0.8	193
90	Metabolic Changes during Estivation in the Common Earthworm <i>Aporrectodea caliginosa</i> . <i>Physiological and Biochemical Zoology</i> , 2010, 83, 541-550.	0.6	27

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91	Correlation of cardiac performance with cellular energetic components in the oxygen-deprived turtle heart. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R756-R768.	0.9	28
92	Seasonal changes in lipid composition and glycogen storage associated with freeze-tolerance of the earthworm, <i>Dendrobaena octaedra</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2009, 179, 569-577.	0.7	17
93	Dual roles of glucose in the freeze-tolerant earthworm <i>Dendrobaena octaedra</i> : cryoprotection and fuel for metabolism. <i>Journal of Experimental Biology</i> , 2009, 212, 859-866.	0.8	44
94	Cryoprotectants are metabolic fuels during long term frost exposure in the earthworm <i>Dendrobaena octaedra</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 150, S159.	0.8	1
95	Effects of acclimation temperature on thermal tolerance and membrane phospholipid composition in the fruit fly <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2008, 54, 619-629.	0.9	148
96	Rapid thermal adaptation during field temperature variations in <i>Drosophila melanogaster</i> . <i>Cryobiology</i> , 2008, 56, 159-162.	0.3	127
97	Slow desiccation improves dehydration tolerance and accumulation of compatible osmolytes in earthworm cocoons (<i>Dendrobaena octaedra</i> Savigny). <i>Journal of Experimental Biology</i> , 2008, 211, 1903-1910.	0.8	26
98	Costs and benefits of cold acclimation in field-released <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 216-221.	3.3	212
99	Tribute to P. L. Lutz: cardiac performance and cardiovascular regulation during anoxia/hypoxia in freshwater turtles. <i>Journal of Experimental Biology</i> , 2007, 210, 1687-1699.	0.8	47
100	Small <i>Dendrobaena</i> earthworms survive freezing better than large worms. <i>Cryobiology</i> , 2007, 54, 298-300.	0.3	11
101	Freeze tolerance in <i>Aporrectodea caliginosa</i> and other earthworms from Finland. <i>Cryobiology</i> , 2007, 55, 80-86.	0.3	35
102	Differences in cold and drought tolerance of high arctic and sub-arctic populations of <i>Megaphorura arctica</i> Tullberg 1876 (Onychiuridae: Collembola). <i>Cryobiology</i> , 2007, 55, 315-323.	0.3	45
103	ECOLOGY: The Heartbreak of Adapting to Global Warming. <i>Science</i> , 2007, 315, 49-50.	6.0	112
104	Determining factors for cryoprotectant accumulation in the freeze-tolerant earthworm, <i>Dendrobaena octaedra</i> . <i>Journal of Experimental Zoology</i> , 2007, 307A, 578-589.	1.2	23
105	Contractile properties of the functionally divided python heart: Two sides of the same matter. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 163-173.	0.8	31
106	The influence of developmental stage on cold shock resistance and ability to cold-harden in <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, S153-S154.	0.8	1
107	Slow dehydration increases desiccation tolerance in <i>Dendrobaena octaedra</i> cocoons. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, S155.	0.8	0
108	Adaptations to overwintering in the earthworm <i>Dendrobaena octaedra</i> : Genetic differences in glucose mobilisation and freeze tolerance. <i>Soil Biology and Biochemistry</i> , 2007, 39, 2640-2650.	4.2	28

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109	The influence of developmental stage on cold shock resistance and ability to cold-harden in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2007, 53, 179-186.	0.9	80
110	Metabolomic profiling of rapid cold hardening and cold shock in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2007, 53, 1218-1232.	0.9	232
111	Influence of storage conditions on viability of quiescent copepod eggs (<i>Acartia tonsa</i> Dana): effects of temperature, salinity and anoxia. <i>Aquaculture Research</i> , 2006, 37, 625-631.	0.9	38
112	KEEPING TRACK OF THE STEPS. <i>Journal of Experimental Biology</i> , 2006, 209, v-v.	0.8	0
113	HEAT UP AND SPEED UP. <i>Journal of Experimental Biology</i> , 2006, 209, vii-vii.	0.8	0
114	Seasonal acquisition of chill tolerance and restructuring of membrane glycerophospholipids in an overwintering insect: triggering by low temperature, desiccation and diapause progression. <i>Journal of Experimental Biology</i> , 2006, 209, 4102-4114.	0.8	78
115	Reorganization of membrane lipids during fast and slow cold hardening in <i>Drosophila melanogaster</i> . <i>Physiological Entomology</i> , 2006, 31, 328-335.	0.6	77
116	Metabolomic profiling of heat stress: hardening and recovery of homeostasis in <i>Drosophila</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R205-R212.	0.9	170
117	GET IN TOUCH AND CALM DOWN. <i>Journal of Experimental Biology</i> , 2006, 209, v-v.	0.8	0
118	WATER CHANNELS DRIVE FREEZE TOLERANCE. <i>Journal of Experimental Biology</i> , 2006, 209, v-vi.	0.8	0
119	Changes in membrane lipid composition following rapid cold hardening in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2005, 51, 1173-1182.	0.9	224
120	Role of HSF activation for resistance to heat, cold and high-temperature knock-down. <i>Journal of Insect Physiology</i> , 2005, 51, 1320-1329.	0.9	76
121	DRINK TILL YOU DROP. <i>Journal of Experimental Biology</i> , 2005, 208, vii-vii.	0.8	1
122	Extracellular Determinants of Cardiac Contractility in the Cold Anoxic Turtle. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 976-995.	0.6	30
123	FLIES TOUGHEN UP IN BITS AND PIECES. <i>Journal of Experimental Biology</i> , 2005, 208, vii-viii.	0.8	0
124	±-Adrenergic regulation of systemic peripheral resistance and blood flow distribution in the turtle <i>Trachemys scripta</i> during anoxic submergence at 5°C and 21°C. <i>Journal of Experimental Biology</i> , 2004, 207, 269-283.	0.8	73
125	Effects of temperature and anoxia upon the performance of in situ perfused trout hearts. <i>Journal of Experimental Biology</i> , 2004, 207, 655-665.	0.8	34
126	Force development, energy state and ATP production of cardiac muscle from turtles and trout during normoxia and severe hypoxia. <i>Journal of Experimental Biology</i> , 2004, 207, 1915-1924.	0.8	27

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127	Preconditioning stimuli do not benefit the myocardium of hypoxia-tolerant rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Physiology</i> , 2004, 174, 329-340.	0.7	30
128	The Effects of Fasting Duration on the Metabolic Response to Feeding in <i>Python molurus</i> : An Evaluation of the Energetic Costs Associated with Gastrointestinal Growth and Upregulation. <i>Physiological and Biochemical Zoology</i> , 2002, 75, 360-368.	0.6	81
129	Effects of temperature on the metabolic response to feeding in <i>Python molurus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2002, 133, 519-527.	0.8	114
130	Increased blood oxygen affinity during digestion in the snake <i>Python molurus</i> . <i>Journal of Experimental Biology</i> , 2002, 205, 3327-3334.	0.8	27
131	Adrenergic control of the cardiovascular system in the turtle <i>Trachemys scripta</i> . <i>Journal of Experimental Biology</i> , 2002, 205, 3335-3345.	0.8	49
132	Increased blood oxygen affinity during digestion in the snake <i>Python molurus</i> . <i>Journal of Experimental Biology</i> , 2002, 205, 3327-34.	0.8	16
133	Adrenergic control of the cardiovascular system in the turtle <i>Trachemys scripta</i> . <i>Journal of Experimental Biology</i> , 2002, 205, 3335-45.	0.8	36
134	The respiratory consequences of feeding in amphibians and reptiles. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001, 128, 533-547.	0.8	95
135	Respiratory consequences of feeding in the snake <i>Python molurus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1999, 124, 359-365.	0.8	76
136	Genetic variability and evolution of cold-tolerance. <i>Journal of Experimental Biology</i> , 2000, 173, 276-296.		9