

Craig R White

List of Publications by Year in descending order

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Version: 2024-02-01

193
papers

9,770
citations

53660

45
h-index

48187

88
g-index

196
all docs

196
docs citations

196
times ranked

8952
citing authors

#	ARTICLE	IF	CITATIONS
1	How does spawning frequency scale with body size in marine fishes?. <i>Fish and Fisheries</i> , 2022, 23, 316-323.	2.7	11
2	Predicting the response of disease vectors to global change: The importance of allometric scaling. <i>Global Change Biology</i> , 2022, 28, 390-402.	4.2	7
3	Externally attached biologgers cause compensatory body mass loss in birds. <i>Methods in Ecology and Evolution</i> , 2022, 13, 294-302.	2.2	10
4	A hierarchical approach to understanding physiological associations with climate. <i>Global Ecology and Biogeography</i> , 2022, 31, 332-346.	2.7	12
5	Ecophysiology of a small ectotherm tracks environmental variation along an elevational cline. <i>Journal of Biogeography</i> , 2022, 49, 405-415.	1.4	12
6	A bioenergetics approach to understanding sex differences in the foraging behaviour of a sexually monomorphic species. <i>Royal Society Open Science</i> , 2022, 9, 210520.	1.1	6
7	Relationship between capillaries, mitochondria and maximum power of the heart: a meta-study from shrew to elephant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212461.	1.2	2
8	Modelling and mapping how common guillemots balance their energy budgets over a full annual cycle. <i>Functional Ecology</i> , 2022, 36, 1612-1626.	1.7	2
9	A comparative analysis testing Werner's theory of complex life cycles. <i>Functional Ecology</i> , 2022, 36, 1986-2000.	1.7	2
10	Oxygen stress and reproduction do not impede aerobic performance in adult eastern mosquitofish (<i>Gambusia holbrooki</i>). <i>Environmental Biology of Fishes</i> , 2021, 104, 143-154.	0.4	2
11	Meta-analysis reveals that resting metabolic rate is not consistently related to fitness and performance in animals. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 1097-1110.	0.7	31
12	Plastic but not adaptive: habitat-driven differences in metabolic rate despite no differences in selection between habitats. <i>Oikos</i> , 2021, 130, 931-942.	1.2	7
13	Integrating Mitochondrial Aerobic Metabolism into Ecology and Evolution. <i>Trends in Ecology and Evolution</i> , 2021, 36, 321-332.	4.2	87
14	Geographical bias in physiological data limits predictions of global change impacts. <i>Functional Ecology</i> , 2021, 35, 1572-1578.	1.7	22
15	Metabolism drives demography in an experimental field test. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	13
16	The roles of diffusion and convection in ventilation of animal burrows. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 1047-1058.	0.7	2
17	Metabolic phenotype mediates the outcome of competitive interactions in a response surface field experiment. <i>Ecology and Evolution</i> , 2021, 11, 17952-17962.	0.8	1
18	A year in the life of a North Atlantic seabird: behavioural and energetic adjustments during the annual cycle. <i>Scientific Reports</i> , 2020, 10, 5993.	1.6	33

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19	Developmental nutrition modulates metabolic responses to projected climate change. <i>Functional Ecology</i> , 2020, 34, 2488-2502.	1.7	15
20	Artificial mass loading disrupts stable social order in pigeon dominance hierarchies. <i>Biology Letters</i> , 2020, 16, 20200468.	1.0	12
21	The effect of ambient oxygen on the thermal performance of a cockroach, <i>Nauphoeta cinerea</i> . <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	4
22	Flight activity and glycogen depletion on a low-carbohydrate diet. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	1
23	Metabolic rate, context-dependent selection, and the competition-colonization trade-off. <i>Evolution Letters</i> , 2020, 4, 333-344.	1.6	26
24	Deadly but not Dangerous: How Ecologically Effective are Komodo Dragons as an Apex Predator?. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01671.	0.2	1
25	Environmental Factors Influencing Hairy-nosed Wombat Abundance in Semi-arid Rangelands. <i>Journal of Wildlife Management</i> , 2020, 84, 921-929.	0.7	9
26	Developmental cost theory predicts thermal environment and vulnerability to global warming. <i>Nature Ecology and Evolution</i> , 2020, 4, 406-411.	3.4	40
27	Komodo dragons are not ecological analogs of apex mammalian predators. <i>Ecology</i> , 2020, 101, e02970.	1.5	18
28	Chronic exposure to a pervasive pharmaceutical pollutant erodes among-individual phenotypic variation in a fish. <i>Environmental Pollution</i> , 2020, 263, 114450.	3.7	24
29	Impacts of "supermoon" events on the physiology of a wild bird. <i>Ecology and Evolution</i> , 2019, 9, 7974-7984.	0.8	16
30	Powering Ocean Giants: The Energetics of Shark and Ray Megafauna. <i>Trends in Ecology and Evolution</i> , 2019, 34, 1009-1021.	4.2	31
31	The outsized trophic footprint of marine urbanization. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 400-406.	1.9	19
32	Terrestrial locomotion energy costs vary considerably between species: no evidence that this is explained by rate of leg force production or ecology. <i>Scientific Reports</i> , 2019, 9, 656.	1.6	6
33	Effects of body size, sex, parental care and moult strategies on auk diving behaviour outside the breeding season. <i>Journal of Avian Biology</i> , 2019, 50, .	0.6	11
34	Interspecific scaling of blood flow rates and arterial sizes in mammals. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	17
35	The origin and maintenance of metabolic allometry in animals. <i>Nature Ecology and Evolution</i> , 2019, 3, 598-603.	3.4	86
36	Influence of food, body size, and fragmentation on metabolic rate in a sessile marine invertebrate. <i>Invertebrate Biology</i> , 2019, 138, 55-66.	0.3	14

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37	Phylogenetic investigation of skin sloughing rates in frogs: relationships with skin characteristics and disease-driven declines. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182378.	1.2	6
38	Should We Care If Models Are Phenomenological or Mechanistic?. <i>Trends in Ecology and Evolution</i> , 2019, 34, 276-278.	4.2	16
39	Flexibility, variability and constraint in energy management patterns across vertebrate taxa revealed by long-term heart rate measurements. <i>Functional Ecology</i> , 2019, 33, 260-272.	1.7	32
40	Linking life-history theory and metabolic theory explains the offspring size-temperature relationship. <i>Ecology Letters</i> , 2019, 22, 518-526.	3.0	54
41	Aquatic Life History Trajectories Are Shaped by Selection, Not Oxygen Limitation. <i>Trends in Ecology and Evolution</i> , 2019, 34, 182-184.	4.2	19
42	Have We Outgrown the Existing Models of Growth?. <i>Trends in Ecology and Evolution</i> , 2019, 34, 102-111.	4.2	56
43	Miniaturization of biologists is not alleviating the 5% rule. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1662-1666.	2.2	64
44	Metabolic scaling across succession: Do individual rates predict community-level energy use?. <i>Functional Ecology</i> , 2018, 32, 1447-1456.	1.7	13
45	Understanding variation in metabolic rate. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	123
46	Does the cost of development scale allometrically with offspring size?. <i>Functional Ecology</i> , 2018, 32, 762-772.	1.7	16
47	Eco-energetic consequences of evolutionary shifts in body size. <i>Ecology Letters</i> , 2018, 21, 54-62.	3.0	27
48	Flight feather moult drives minimum daily heart rate in wild geese. <i>Biology Letters</i> , 2018, 14, 20180650.	1.0	8
49	The role of parasitism in the energy management of a free-ranging bird. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	9
50	Utility of time-lapse photography in studies of seabird ecology. <i>PLoS ONE</i> , 2018, 13, e0208995.	1.1	4
51	Legs of male fiddler crabs evolved to compensate for claw exaggeration and enhance claw functionality during waving displays. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2491-2502.	1.1	12
52	A widespread thermodynamic effect, but maintenance of biological rates through space across life's major domains. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181775.	1.2	47
53	Testing MacArthur's minimisation principle: do communities minimise energy wastage during succession?. <i>Ecology Letters</i> , 2018, 21, 1182-1190.	3.0	8
54	The energetic cost of parasitism in a wild population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180489.	1.2	29

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55	Loss of maternal EED results in postnatal overgrowth. <i>Clinical Epigenetics</i> , 2018, 10, 95.	1.8	34
56	On the Interplay among Ambient Temperature, Basal Metabolic Rate, and Body Mass. <i>American Naturalist</i> , 2018, 192, 518-524.	1.0	18
57	Fish reproductive-energy output increases disproportionately with body size. <i>Science</i> , 2018, 360, 642-645.	6.0	397
58	Short-duration respirometry underestimates metabolic rate for discontinuous breathers. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	1
59	A model to estimate seabird field metabolic rates. <i>Biology Letters</i> , 2018, 14, 20180190.	1.0	18
60	A different angle: comparative analyses of whole-animal transport costs running uphill. <i>Journal of Experimental Biology</i> , 2017, 220, 161-166.	0.8	22
61	Estimating monotonic rates from biological data using local linear regression. <i>Journal of Experimental Biology</i> , 2017, 220, 759-764.	0.8	34
62	30 Years of <i>Functional Ecology</i> . <i>Functional Ecology</i> , 2017, 31, 4-6.	1.7	0
63	Perch height predicts dominance rank in birds. <i>Ibis</i> , 2017, 159, 456-462.	1.0	19
64	Do low oxygen environments facilitate marine invasions? Relative tolerance of native and invasive species to low oxygen conditions. <i>Global Change Biology</i> , 2017, 23, 2321-2330.	4.2	30
65	Investigating movement in the laboratory: dispersal apparatus designs and the red flour beetle, <i>Tribolium castaneum</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2017, 163, 93-100.	0.7	9
66	Validating accelerometry estimates of energy expenditure across behaviours using heart rate data in a free-living seabird. <i>Journal of Experimental Biology</i> , 2017, 220, 1875-1881.	0.8	33
67	Phytoplankton size scaling of net energy flux across light and biomass gradients. <i>Ecology</i> , 2017, 98, 3106-3115.	1.5	21
68	Does energy flux predict density dependence? An empirical field test. <i>Ecology</i> , 2017, 98, 3116-3126.	1.5	15
69	Life in a bubble: the role of the labyrinth organ in determining territory, mating and aggressive behaviours in anabantoids. <i>Journal of Fish Biology</i> , 2017, 91, 723-749.	0.7	19
70	Boldness traits, not dominance, predict exploratory flight range and homing behaviour in homing pigeons. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160234.	1.8	23
71	Low-carbohydrate diet induces metabolic depression: a possible mechanism to conserve glycogen. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R347-R356.	0.9	13
72	Ocean sunfish as indicators for the rise of slime™. <i>Current Biology</i> , 2017, 27, R1263-R1264.	1.8	10

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73	Skin sloughing in susceptible and resistant amphibians regulates infection with a fungal pathogen. <i>Scientific Reports</i> , 2017, 7, 3529.	1.6	35
74	Temperature effects on mass scaling exponents in colonial animals: a manipulative test. <i>Ecology</i> , 2017, 98, 103-111.	1.5	18
75	Colder environments did not select for a faster metabolism during experimental evolution of <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 145-152.	1.1	38
76	Functional traits in red flour beetles: the dispersal phenotype is associated with leg length but not body size nor metabolic rate. <i>Functional Ecology</i> , 2017, 31, 653-661.	1.7	20
77	Do invasive species live faster? Mass-specific metabolic rate depends on growth form and invasion status. <i>Functional Ecology</i> , 2017, 31, 2080-2086.	1.7	32
78	Can respiratory physiology predict thermal niches?. <i>Annals of the New York Academy of Sciences</i> , 2016, 1365, 73-88.	1.8	65
79	Phylogenetic comparisons of pedestrian locomotion costs: confirmations and new insights. <i>Ecology and Evolution</i> , 2016, 6, 6712-6720.	0.8	10
80	Metabolic rate covaries with fitness and the pace of the life history in the field. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160323.	1.2	58
81	Biofilm history and oxygen availability interact to affect habitat selection in a marine invertebrate. <i>Biofouling</i> , 2016, 32, 645-655.	0.8	13
82	Associations between Resting, Activity, and Daily Metabolic Rate in Free-Living Endotherms: No Universal Rule in Birds and Mammals. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 251-261.	0.6	41
83	The effects of laboratory housing and spatial enrichment on brain size and metabolic rate in the eastern mosquitofish, <i>Gambusia holbrooki</i> . <i>Biology Open</i> , 2016, 5, 205-210.	0.6	20
84	Maturity matters for movement and metabolic rate: trait dynamics across the early adult life of red flour beetles. <i>Animal Behaviour</i> , 2016, 111, 181-188.	0.8	13
85	Evolution of Plasticity: Mechanistic Link between Development and Reversible Acclimation. <i>Trends in Ecology and Evolution</i> , 2016, 31, 237-249.	4.2	219
86	Interpreting behaviors from accelerometry: a method combining simplicity and objectivity. <i>Ecology and Evolution</i> , 2015, 5, 4642-4654.	0.8	47
87	Why does offspring size affect performance? Integrating metabolic scaling with life-history theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151946.	1.2	41
88	The influence of climate on avian nest construction across large geographical gradients. <i>Global Ecology and Biogeography</i> , 2015, 24, 1203-1211.	2.7	34
89	Blood pressure increases with body size in mammals. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 3221-3223.	1.1	1
90	Does greater thermal plasticity facilitate range expansion of an invasive terrestrial anuran into higher latitudes?. , 2015, 3, cov010.		29

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91	Morphology and burrowing energetics of semi-fossorial skinks (<i>Liopholis</i>). <i>Journal of Experimental Biology</i> , 2015, 218, 2416-26.	0.8	40
92	Physiological plasticity increases resilience of ectothermic animals to climate change. <i>Nature Climate Change</i> , 2015, 5, 61-66.	8.1	678
93	Skin sloughing rate increases with chytrid fungus infection load in a susceptible amphibian. <i>Functional Ecology</i> , 2015, 29, 674-682.	1.7	39
94	<i>Drosophila melanogaster</i> does not exhibit a behavioural fever response when infected with <i>Drosophila C virus</i> . <i>Journal of General Virology</i> , 2015, 96, 3667-3671.	1.3	7
95	Avoiding low-oxygen environments: oxytaxis as a mechanism of habitat selection in a marine invertebrate. <i>Marine Ecology - Progress Series</i> , 2015, 540, 99-107.	0.9	15
96	Oxygen-induced plasticity in tracheal morphology and discontinuous gas exchange cycles in cockroaches <i>Nauphoeta cinerea</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 977-990.	0.7	3
97	Metabolic incentives for dishonest signals of strength in crustaceans. <i>Journal of Experimental Biology</i> , 2014, 217, 2848-50.	0.8	17
98	THE ROLE OF GRAVITY IN THE EVOLUTION OF MAMMALIAN BLOOD PRESSURE. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 901-908.	1.1	47
99	Metabolic Scaling in Animals: Methods, Empirical Results, and Theoretical Explanations. , 2014, 4, 231-256.		147
100	Implantation reduces the negative effects of bio-logging devices on birds. <i>Journal of Experimental Biology</i> , 2013, 216, 537-42.	0.8	56
101	The repeatability of metabolic rate declines with time. <i>Journal of Experimental Biology</i> , 2013, 216, 1763-5.	0.8	89
102	Reversible brain inactivation induces discontinuous gas exchange in cockroaches. <i>Journal of Experimental Biology</i> , 2013, 216, 1012-6.	0.8	15
103	Performance correlates of resting metabolic rate in garden skinks <i>Lampropholis delicata</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 663-673.	0.7	16
104	Balancing the competing requirements of air-breathing and display behaviour during male-male interactions in Siamese fighting fish <i>Betta splendens</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 164, 363-367.	0.8	28
105	Determinants of inter-specific variation in basal metabolic rate. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 1-26.	0.7	172
106	Competition in benthic marine invertebrates: the unrecognized role of exploitative competition for oxygen. <i>Ecology</i> , 2013, 94, 126-135.	1.5	62
107	Energetic constraints may limit the capacity of visually guided predators to respond to Arctic warming. <i>Journal of Zoology</i> , 2013, 289, 119-126.	0.8	7
108	An increase in minimum metabolic rate and not activity explains field metabolic rate changes in a breeding seabird. <i>Journal of Experimental Biology</i> , 2013, 216, 1726-35.	0.8	18

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109	Space Partitioning Without Territoriality in Gannets. <i>Science</i> , 2013, 341, 68-70.	6.0	255
110	Physiological and metabolic consequences of viral infection in <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 3350-7.	0.8	76
111	Effect of Thermal Acclimation on Organ Mass, Tissue Respiration, and Allometry in Leichhardtian River Prawns <i>Macrobrachium tolmerum</i> (Riek, 1951). <i>Physiological and Biochemical Zoology</i> , 2013, 86, 470-481.	0.6	6
112	Extravagant ornaments of male threadfin rainbowfish (<i>Parachanna aequidens</i>) are not costly for swimming. <i>Functional Ecology</i> , 2013, 27, 1034-1041.	1.7	14
113	Estimating physiological tolerances - a comparison of traditional approaches to nonlinear regression techniques. <i>Journal of Experimental Biology</i> , 2013, 216, 2176-82.	0.8	43
114	Visual habitat geometry predicts relative morph abundance in the colour-polymorphic ornate rainbowfish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122377.	1.2	9
115	Discontinuous gas exchange exhibition is a heritable trait in speckled cockroaches <i>Nauphoeta cinerea</i> . <i>Journal of Evolutionary Biology</i> , 2013, 26, 1588-1597.	0.8	23
116	Discontinuous Gas Exchange, Water Loss, and Metabolism in <i>Protaetia cretica</i> (Cetoniinae). <i>Journal of Experimental Biology</i> , 2013, 216, 2176-82.	0.6	13
117	Wild geese do not increase flight behaviour prior to migration. <i>Biology Letters</i> , 2012, 8, 469-472.	1.0	21
118	Phylogenetic differences of mammalian basal metabolic rate are not explained by mitochondrial basal proton leak. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 185-193.	1.2	30
119	Blood flow to long bones indicates activity metabolism in mammals, reptiles and dinosaurs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 451-456.	1.2	58
120	A test of the oxidative damage hypothesis for discontinuous gas exchange in the locust <i>Locusta migratoria</i> . <i>Biology Letters</i> , 2012, 8, 682-684.	1.0	25
121	Maximum metabolic rate, relative lift, wingbeat frequency, and stroke amplitude during tethered-flight in the adult locust <i>Locusta migratoria</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 3317-23.	0.8	17
122	Metabolic cold adaptation in fishes occurs at the level of whole animal, mitochondria and enzyme. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1740-1747.	1.2	112
123	Symmorphosis and the insect respiratory system: a comparison between flight and hopping muscle. <i>Journal of Experimental Biology</i> , 2012, 215, 3324-33.	0.8	17
124	Standard metabolic rate is associated with gestation duration, but not clutch size, in speckled cockroaches <i>Nauphoeta cinerea</i> . <i>Biology Open</i> , 2012, 1, 1185-1191.	0.6	25
125	Relations between Conspecific Density and Effects of Ultraviolet-B Radiation on Tadpole Size in the Striped Marsh Frog. <i>Conservation Biology</i> , 2012, 26, 1112-1120.	2.4	7
126	Testing Metabolic Theories. <i>American Naturalist</i> , 2012, 180, 546-565.	1.0	74

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127	Comparative energetics of mammalian locomotion: Humans are not different. <i>Journal of Human Evolution</i> , 2012, 63, 718-722.	1.3	19
128	An information-theoretic approach to evaluating the size and temperature dependence of metabolic rate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3616-3621.	1.2	36
129	The energetic cost of exposure to UV radiation for tadpoles is greater when they live with predators. <i>Functional Ecology</i> , 2012, 26, 94-103.	1.7	41
130	COCKROACHES THAT EXCHANGE RESPIRATORY GASES DISCONTINUOUSLY SURVIVE FOOD AND WATER RESTRICTION. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 597-604.	1.1	55
131	Symmorphosis and the insect respiratory system: allometric variation. <i>Journal of Experimental Biology</i> , 2011, 214, 3225-3237.	0.8	31
132	Can the Basal Metabolic Rate of Endotherms Be Explained by Biophysical Modeling? Response to "A New Model for the Body Size-Metabolism Relationship". <i>Physiological and Biochemical Zoology</i> , 2011, 84, 107-110.	0.6	9
133	A Manipulative Test of Competing Theories for Metabolic Scaling. <i>American Naturalist</i> , 2011, 178, 746-754.	1.0	65
134	Discontinuous Gas Exchange in Insects: Is It All in Their Heads?. <i>American Naturalist</i> , 2011, 177, 130-134.	1.0	52
135	Metabolic rate throughout the annual cycle reveals the demands of an Arctic existence in Great Cormorants. <i>Ecology</i> , 2011, 92, 475-486.	1.5	31
136	The relationship between sea surface temperature and population change of Great Cormorants <i>Phalacrocorax carbo</i> breeding near Disko Bay, Greenland. <i>Ibis</i> , 2011, 153, 170-174.	1.0	13
137	Greater energy stores enable flightless moulting geese to increase resting behaviour. <i>Ibis</i> , 2011, 153, 868-874.	1.0	13
138	The heart rate method for estimating metabolic rate: Review and recommendations. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 158, 287-304.	0.8	187
139	Allometric estimation of metabolic rates in animals. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 158, 346-357.	0.8	65
140	Indications of phenotypic plasticity in moulting birds: captive geese reveal adaptive changes in mineralisation of their long bones during wing moult. <i>Journal of Ornithology</i> , 2011, 152, 1055-1061.	0.5	9
141	Scaling of resting and maximum hopping metabolic rate throughout the life cycle of the locust <i>Locusta migratoria</i> . <i>Journal of Experimental Biology</i> , 2011, 214, 3218-3224.	0.8	29
142	Influence of elevated temperature on metabolism during aestivation: implications for muscle disuse atrophy. <i>Journal of Experimental Biology</i> , 2011, 214, 3782-3789.	0.8	17
143	Regulation of gas exchange and haemolymph pH in the cockroach <i>Nauphoeta cinerea</i> . <i>Journal of Experimental Biology</i> , 2011, 214, 3062-3073.	0.8	42
144	Assessing the Validity of the Accelerometry Technique for Estimating the Energy Expenditure of Diving Double-Crested Cormorants <i>Phalacrocorax auritus</i> . <i>Physiological and Biochemical Zoology</i> , 2011, 84, 230-237.	0.6	34

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145	Using light as a lure is an efficient predatory strategy in <i>Arachnocampa flava</i> , an Australian glowworm. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 181, 477-86.	0.7	13
146	There is no single p. <i>Nature</i> , 2010, 464, 691-693.	13.7	38
147	Measuring Energetics and Behaviour Using Accelerometry in Cane Toads <i>Bufo marinus</i> . <i>PLoS ONE</i> , 2010, 5, e10170.	1.1	57
148	Environmental modulation of metabolic allometry in ornate rainbowfish <i>Rhadinocentrus ornatus</i> . <i>Biology Letters</i> , 2010, 6, 136-138.	1.0	22
149	Activity patterns of the southern hairy-nosed wombat (<i>Lasiorhinus latifrons</i>) (Marsupialia:Vombatidae) in the South Australian Murraylands. <i>Australian Mammalogy</i> , 2010, 32, 39.	0.7	10
150	Predicting the rate of oxygen consumption from heart rate in barnacle geese <i>Branta leucopsis</i> : effects of captivity and annual changes in body condition. <i>Journal of Experimental Biology</i> , 2009, 212, 2941-2948.	0.8	23
151	Testing the use/disuse hypothesis: pectoral and leg muscle changes in captive barnacle geese <i>Branta leucopsis</i> during wing moult. <i>Journal of Experimental Biology</i> , 2009, 212, 2403-2410.	0.8	28
152	Endothermy of dynastine scarab beetles (<i>Cyclocephala colasi</i>) associated with pollination biology of a thermogenic arum lily (<i>Philodendron solimoesense</i>). <i>Journal of Experimental Biology</i> , 2009, 212, 2960-2968.	0.8	40
153	Cockroaches breathe discontinuously to reduce respiratory water loss. <i>Journal of Experimental Biology</i> , 2009, 212, 2773-2780.	0.8	49
154	Discontinuous ventilation in the rhinoceros beetle <i>Oryctes nasicornis</i> . <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 743-747.	2.0	8
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