Craig R White

List of Publications by Year
in descending order

193	9,770	53660 45	48187 88
papers	citations	h-index	g-index

196	196	196	8952
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physiological plasticity increases resilience of ectothermic animals to climate change. Nature Climate Change, 2015, 5, 61-66.	8.1	678
2	Mammalian basal metabolic rate is proportional to body mass2/3. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4046-4049.	3.3	645
3	Moving towards acceleration for estimates of activity-specific metabolic rate in free-living animals: the case of the cormorant. Journal of Animal Ecology, 2006, 75, 1081-1090.	1.3	560
4	Fish reproductive-energy output increases disproportionately with body size. Science, 2018, 360, 642-645.	6.0	397
5	Allometric scaling of mammalian metabolism. Journal of Experimental Biology, 2005, 208, 1611-1619.	0.8	352
6	The scaling and temperature dependence of vertebrate metabolism. Biology Letters, 2006, 2, 125-127.	1.0	341
7	Space Partitioning Without Territoriality in Gannets. Science, 2013, 341, 68-70.	6.0	255
8	Evolution of Plasticity: Mechanistic Link between Development and Reversible Acclimation. Trends in Ecology and Evolution, 2016, 31, 237-249.	4.2	219
9	ALLOMETRIC EXPONENTS DO NOT SUPPORT A UNIVERSAL METABOLIC ALLOMETRY. Ecology, 2007, 88, 315-323.	1.5	215
10	Heat reward for insect pollinators. Nature, 2003, 426, 243-244.	13.7	189
11	The heart rate method for estimating metabolic rate: Review and recommendations. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 158, 287-304.	0.8	187
12	Determinants of inter-specific variation in basal metabolic rate. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 1-26.	0.7	172
13	Does Basal Metabolic Rate Contain a Useful Signal? Mammalian BMR Allometry and Correlations with a Selection of Physiological, Ecological, and Lifeâ€History Variables. Physiological and Biochemical Zoology, 2004, 77, 929-941.	0.6	151
14	PHYLOGENETICALLY INFORMED ANALYSIS OF THE ALLOMETRY OF MAMMALIAN BASAL METABOLIC RATE SUPPORTS NEITHER GEOMETRIC NOR QUARTER-POWER SCALING. Evolution; International Journal of Organic Evolution, 2009, 63, 2658-2667.	1.1	150
15	Metabolic Scaling in Animals: Methods, Empirical Results, and Theoretical Explanations. , 2014, 4, 231-256.		147
16	Basal metabolic rate of birds is associated with habitat temperature and precipitation, not primary productivity. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 287-293.	1.2	134
17	Understanding variation in metabolic rate. Journal of Experimental Biology, 2018, 221, .	0.8	123
18	Metabolic cold adaptation in fishes occurs at the level of whole animal, mitochondria and enzyme. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1740-1747.	1.2	112

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19	Evolutionary responses of discontinuous gas exchange in insects. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8357-8361.	3.3	92
20	Acceleration versus heart rate for estimating energy expenditure and speed during locomotion in animals: Tests with an easy model species, Homo sapiens. Zoology, 2008, 111, 231-241.	0.6	92
21	The repeatability of metabolic rate declines with time. Journal of Experimental Biology, 2013, 216, 1763-5.	0.8	89
22	Integrating Mitochondrial Aerobic Metabolism into Ecology and Evolution. Trends in Ecology and Evolution, 2021, 36, 321-332.	4.2	87
23	Annual changes in body mass and resting metabolism in captive barnacle geese (Branta leucopsis): the importance of wing moult. Journal of Experimental Biology, 2007, 210, 1391-1397.	0.8	86
24	The origin and maintenance of metabolic allometry in animals. Nature Ecology and Evolution, 2019, 3, 598-603.	3.4	86
25	Physiological and metabolic consequences of viral infection in Drosophila melanogaster. Journal of Experimental Biology, 2013, 216, 3350-7.	0.8	76
26	Testing Metabolic Theories. American Naturalist, 2012, 180, 546-565.	1.0	74
27	Allometric Analysis beyond Heterogeneous Regression Slopes: Use of the Johnsonâ€Neyman Technique in Comparative Biology. Physiological and Biochemical Zoology, 2003, 76, 135-140.	0.6	70
28	Evaluating the prudence of parents: daily energy expenditure throughout the annual cycle of a freeâ€ranging bird, the macaroni penguin Eudyptes chrysolophus. Journal of Avian Biology, 2009, 40, 529-538.	0.6	68
29	Vision and Foraging in Cormorants: More like Herons than Hawks?. PLoS ONE, 2007, 2, e639.	1.1	65
30	A Manipulative Test of Competing Theories for Metabolic Scaling. American Naturalist, 2011, 178, 746-754.	1.0	65
31	Allometric estimation of metabolic rates in animals. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 158, 346-357.	0.8	65
32	Can respiratory physiology predict thermal niches?. Annals of the New York Academy of Sciences, 2016, 1365, 73-88.	1.8	65
33	Miniaturization of biologgers is not alleviating the 5% rule. Methods in Ecology and Evolution, 2018, 9, 1662-1666.	2.2	64
34	The allometry of burrow geometry. Journal of Zoology, 2005, 265, 395-403.	0.8	62
35	Competition in benthic marine invertebrates: the unrecognized role of exploitative competition for oxygen. Ecology, 2013, 94, 126-135.	1.5	62
36	Blood flow to long bones indicates activity metabolism in mammals, reptiles and dinosaurs. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 451-456.	1.2	58

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37	Metabolic rate covaries with fitness and the pace of the life history in the field. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160323.	1.2	58
38	Measuring Energetics and Behaviour Using Accelerometry in Cane Toads Bufo marinus. PLoS ONE, 2010, 5, e10170.	1.1	57
39	Implantation reduces the negative effects of bio-logging devices on birds. Journal of Experimental Biology, 2013, 216, 537-42.	0.8	56
40	Have We Outgrown the Existing Models of Growth?. Trends in Ecology and Evolution, 2019, 34, 102-111.	4.2	56
41	COCKROACHES THAT EXCHANGE RESPIRATORY GASES DISCONTINUOUSLY SURVIVE FOOD AND WATER RESTRICTION. Evolution; International Journal of Organic Evolution, 2012, 66, 597-604.	1.1	55
42	Sample size and mass range effects on the allometric exponent of basal metabolic rate. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2005, 142, 74-78.	0.8	54
43	Linking lifeâ€history theory and metabolic theory explains the offspring sizeâ€temperature relationship. Ecology Letters, 2019, 22, 518-526.	3.0	54
44	Discontinuous Gas Exchange in Insects: Is It All in Their Heads?. American Naturalist, 2011, 177, 130-134.	1.0	52
45	Cockroaches breathe discontinuously to reduce respiratory water loss. Journal of Experimental Biology, 2009, 212, 2773-2780.	0.8	49
46	The Influence of Foraging Mode and Arid Adaptation on the Basal Metabolic Rates of Burrowing Mammals. Physiological and Biochemical Zoology, 2003, 76, 122-134.	0.6	47
47	THE ROLE OF GRAVITY IN THE EVOLUTION OF MAMMALIAN BLOOD PRESSURE. Evolution; International Journal of Organic Evolution, 2014, 68, 901-908.	1.1	47
48	Interpreting behaviors from accelerometry: a method combining simplicity and objectivity. Ecology and Evolution, 2015, 5, 4642-4654.	0.8	47
49	A widespread thermodynamic effect, but maintenance of biological rates through space across life's major domains. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181775.	1.2	47
50	Vision and the foraging technique of Great Cormorants Phalacrocorax carbo: pursuit or closeâ€quarter foraging?. Ibis, 2008, 150, 485-494.	1.0	43
51	Estimating physiological tolerances - a comparison of traditional approaches to nonlinear regression techniques. Journal of Experimental Biology, 2013, 216, 2176-82.	0.8	43
52	Regulation of gas exchange and haemolymph pH in the cockroach Nauphoeta cinerea. Journal of Experimental Biology, 2011, 214, 3062-3073.	0.8	42
53	The energetic cost of exposure to UV radiation for tadpoles is greater when they live with predators. Functional Ecology, 2012, 26, 94-103.	1.7	41
54	Why does offspring size affect performance? Integrating metabolic scaling with life-history theory. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151946.	1.2	41

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55	Associations between Resting, Activity, and Daily Metabolic Rate in Free-Living Endotherms: No Universal Rule in Birds and Mammals. Physiological and Biochemical Zoology, 2016, 89, 251-261.	0.6	41
56	Endothermy of dynastine scarab beetles (Cyclocephala colasi)associated with pollination biology of a thermogenic arum lily(Philodendron solimoesense). Journal of Experimental Biology, 2009, 212, 2960-2968.	0.8	40
57	Morphology and burrowing energetics of semi-fossorial skinks (Liopholis). Journal of Experimental Biology, 2015, 218, 2416-26.	0.8	40
58	Developmental cost theory predicts thermal environment and vulnerability to global warming. Nature Ecology and Evolution, 2020, 4, 406-411.	3.4	40
59	Skin sloughing rate increases with chytrid fungus infection load in a susceptible amphibian. Functional Ecology, 2015, 29, 674-682.	1.7	39
60	There is no single p. Nature, 2010, 464, 691-693.	13.7	38
61	Colder environments did not select for a faster metabolism during experimental evolution of Drosophila melanogaster. Evolution; International Journal of Organic Evolution, 2017, 71, 145-152.	1.1	38
62	Respirometry: Anhydrous Drierite Equilibrates with Carbon Dioxide and Increases Washout Times. Physiological and Biochemical Zoology, 2006, 79, 977-980.	0.6	37
63	An information-theoretic approach to evaluating the size and temperature dependence of metabolic rate. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3616-3621.	1.2	36
64	Cross-fostering, growth and reproductive studies in the brush-tailed rock-wallaby, Petrogale penicillata (Marsupialia:Macropodidae): efforts to accelerate breeding in a threatened marsupial species. Australian Journal of Zoology, 2005, 53, 313.	0.6	35
65	Skin sloughing in susceptible and resistant amphibians regulates infection with a fungal pathogen. Scientific Reports, 2017, 7, 3529.	1.6	35
66	Assessing the Validity of the Accelerometry Technique for Estimating the Energy Expenditure of Diving Double-Crested CormorantsPhalacrocorax auritus. Physiological and Biochemical Zoology, 2011, 84, 230-237.	0.6	34
67	The influence of climate on avian nest construction across large geographical gradients. Global Ecology and Biogeography, 2015, 24, 1203-1211.	2.7	34
68	Estimating monotonic rates from biological data using local linear regression. Journal of Experimental Biology, 2017, 220, 759-764.	0.8	34
69	Loss of maternal EED results in postnatal overgrowth. Clinical Epigenetics, 2018, 10, 95.	1.8	34
70	Energetic consequences of plunge diving in gannets. Endangered Species Research, 2009, 10, 269-279.	1.2	34
71	Validating accelerometry estimates of energy expenditure across behaviours using heart rate data in a free-living seabird. Journal of Experimental Biology, 2017, 220, 1875-1881.	0.8	33
72	A year in the life of a North Atlantic seabird: behavioural and energetic adjustments during the annual cycle. Scientific Reports, 2020, 10, 5993.	1.6	33

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73	Flexibility, variability and constraint in energy management patterns across vertebrate taxa revealed by longâ€term heart rate measurements. Functional Ecology, 2019, 33, 260-272.	1.7	32
74	Do invasive species live faster? Massâ€specific metabolic rate depends on growth form and invasion status. Functional Ecology, 2017, 31, 2080-2086.	1.7	32
75	Symmorphosis and the insect respiratory system: allometric variation. Journal of Experimental Biology, 2011, 214, 3225-3237.	0.8	31
76	Metabolic rate throughout the annual cycle reveals the demands of an Arctic existence in Great Cormorants. Ecology, 2011, 92, 475-486.	1.5	31
77	Powering Ocean Giants: The Energetics of Shark and Ray Megafauna. Trends in Ecology and Evolution, 2019, 34, 1009-1021.	4.2	31
78	Meta-analysis reveals that resting metabolic rate is not consistently related to fitness and performance in animals. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 1097-1110.	0.7	31
79	Phylogenetic differences of mammalian basal metabolic rate are not explained by mitochondrial basal proton leak. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 185-193.	1.2	30
80	Do low oxygen environments facilitate marine invasions? Relative tolerance of native and invasive species to low oxygen conditions. Global Change Biology, 2017, 23, 2321-2330.	4.2	30
81	Effect of aerial O2 partial pressure on bimodal gas exchange and air-breathing behaviour in Trichogaster leeri. Journal of Experimental Biology, 2007, 210, 2311-2319.	0.8	29
82	Allometric scaling of maximum metabolic rate: the influence of temperature. Functional Ecology, 2008, 22, 616-623.	1.7	29
83	Scaling of resting and maximum hopping metabolic rate throughout the life cycle of the locust Locusta migratoria. Journal of Experimental Biology, 2011, 214, 3218-3224.	0.8	29
84	Does greater thermal plasticity facilitate range expansion of an invasive terrestrial anuran into higher latitudes?. , 2015, 3, cov010.		29
85	The energetic cost of parasitism in a wild population. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180489.	1.2	29
86	Seasonal changes in the testis, accessory glands and ejaculate characteristics of the southern hairy-nosed wombat, Lasiorhinus latifrons (Marsupialia: Vombatidae). Journal of Zoology, 2005, 266, 95-104.	0.8	28
87	Testing the use/disuse hypothesis: pectoral and leg muscle changes in captive barnacle geese Branta leucopsis during wing moult. Journal of Experimental Biology, 2009, 212, 2403-2410.	0.8	28
88	Balancing the competing requirements of air-breathing and display behaviour during maleâ€“male interactions in Siamese fighting fish Betta splendens. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 164, 363-367.	0.8	28
89	Ecoâ€energetic consequences of evolutionary shifts in body size. Ecology Letters, 2018, 21, 54-62.	3.0	27
90	Visual fields in Flamingos: chick-feeding versus filter-feeding. Die Naturwissenschaften, 2005, 92, 351-354.	0.6	26

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91	Behavioural strategies of cormorants (Phalacrocoracidae) foraging under challenging light conditions. Ibis, 2008, 150, 231-239.	1.0	26
92	Metabolic rate, context-dependent selection, and the competition-colonization trade-off. Evolution Letters, 2020, 4, 333-344.	1.6	26
93	Pedestrian locomotion energetics and gait characteristics of a diving bird, the great cormorant, Phalacrocorax carbo. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 745-754.	0.7	25
94	A test of the oxidative damage hypothesis for discontinuous gas exchange in the locust Locusta migratoria. Biology Letters, 2012, 8, 682-684.	1.0	25
95	Standard metabolic rate is associated with gestation duration, but not clutch size, in speckled cockroaches Nauphoeta cinerea. Biology Open, 2012, 1, 1185-1191.	0.6	25
96	Chronic exposure to a pervasive pharmaceutical pollutant erodes among-individual phenotypic variation in a fish. Environmental Pollution, 2020, 263, 114450.	3.7	24
97	The energetics of burrow excavation by the inland robust scorpion, Urodacus yaschenkoi (Birula,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	23
98	Effects of long-term implanted data loggers on macaroni penguinsEudyptes chrysolophus. Journal of Avian Biology, 2004, 35, 370-376.	0.6	23
99	Predicting the rate of oxygen consumption from heart rate in barnacle geeseBranta leucopsis: effects of captivity and annual changes in body condition. Journal of Experimental Biology, 2009, 212, 2941-2948.	0.8	23
100	Discontinuous gas exchange exhibition is a heritable trait in speckled cockroaches <scp>N</scp>auphoeta cinerea. Journal of Evolutionary Biology, 2013, 26, 1588-1597.	0.8	23
101	Boldness traits, not dominance, predict exploratory flight range and homing behaviour in homing pigeons. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160234.	1.8	23
102	Balancing the competing requirements of saltatorial and fossorial specialisation: burrowing costs in the spinifex hopping mouse, Notomys alexis. Journal of Experimental Biology, 2006, 209, 2103-2113.	0.8	22
103	Environmental modulation of metabolic allometry in ornate rainbowfishRhadinocentrus ornatus. Biology Letters, 2010, 6, 136-138.	1.0	22
104	A different angle: comparative analyses of whole-animal transport costs running uphill. Journal of Experimental Biology, 2017, 220, 161-166.	0.8	22
105	Geographical bias in physiological data limits predictions of global change impacts. Functional Ecology, 2021, 35, 1572-1578.	1.7	22
106	Wild geese do not increase flight behaviour prior to migration. Biology Letters, 2012, 8, 469-472.	1.0	21
107	Phytoplankton sizeâ€scaling of netâ€energy flux across light and biomass gradients. Ecology, 2017, 98, 3106-3115.	1.5	21
108	The effects of laboratory housing and spatial enrichment on brain size and metabolic rate in the eastern mosquitofish,Gambusia holbrooki. Biology Open, 2016, 5, 205-210.	0.6	20

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109	Functional traits in red flour beetles: the dispersal phenotype is associated with leg length but not body size nor metabolic rate. Functional Ecology, 2017, 31, 653-661.	1.7	20
110	Allometric estimation of metabolic rate from heart rate in penguins. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2005, 142, 478-484.	0.8	19
111	Comparative energetics of mammalian locomotion: Humans are not different. Journal of Human Evolution, 2012, 63, 718-722.	1.3	19
112	Perch height predicts dominance rank in birds. Ibis, 2017, 159, 456-462.	1.0	19
113	Life in a bubble: the role of the labyrinth organ in determining territory, mating and aggressive behaviours in anabantoids. Journal of Fish Biology, 2017, 91, 723-749.	0.7	19
114	The outsized trophic footprint of marine urbanization. Frontiers in Ecology and the Environment, 2019, 17, 400-406.	1.9	19
115	Aquatic Life History Trajectories Are Shaped by Selection, Not Oxygen Limitation. Trends in Ecology and Evolution, 2019, 34, 182-184.	4.2	19
116	An increase in minimum metabolic rate and not activity explains field metabolic rate changes in a breeding seabird. Journal of Experimental Biology, 2013, 216, 1726-35.	0.8	18
117	Temperature effects on massâ€scaling exponents in colonial animals: a manipulative test. Ecology, 2017, 98, 103-111.	1.5	18
118	On the Interplay among Ambient Temperature, Basal Metabolic Rate, and Body Mass. American Naturalist, 2018, 192, 518-524.	1.0	18
119	A model to estimate seabird field metabolic rates. Biology Letters, 2018, 14, 20180190.	1.0	18
120	Komodo dragons are not ecological analogs of apex mammalian predators. Ecology, 2020, 101, e02970.	1.5	18
121	Influence of elevated temperature on metabolism during aestivation: implications for muscle disuse atrophy. Journal of Experimental Biology, 2011, 214, 3782-3789.	0.8	17
122	Maximum metabolic rate, relative lift, wingbeat frequency, and stroke amplitude during tethered-flight in the adult locust Locusta migratoria. Journal of Experimental Biology, 2012, 215, 3317-23.	0.8	17
123	Symmorphosis and the insect respiratory system: a comparison between flight and hopping muscle. Journal of Experimental Biology, 2012, 215, 3324-33.	0.8	17
124	Metabolic incentives for dishonest signals of strength in crustaceans. Journal of Experimental Biology, 2014, 217, 2848-50.	0.8	17
125	Interspecific scaling of blood flow rates and arterial sizes in mammals. Journal of Experimental Biology, 2019, 222, .	0.8	17
126	Growth and development of the southern hairy-nosed wombat, Lasiorhinus latifrons (Vombatidae). Australian Journal of Zoology, 2007, 55, 309.	0.6	16

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127	Performance correlates of resting metabolic rate in garden skinks Lampropholis delicata. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 663-673.	0.7	16
128	Does the cost of development scale allometrically with offspring size?. Functional Ecology, 2018, 32, 762-772.	1.7	16
129	Impacts of â€œsupermoonâ€•events on the physiology of a wild bird. Ecology and Evolution, 2019, 9, 7974-7984.	0.8	16
130	Should We Care If Models Are Phenomenological or Mechanistic?. Trends in Ecology and Evolution, 2019, 34, 276-278.	4.2	16
131	Reversible brain inactivation induces discontinuous gas exchange in cockroaches. Journal of Experimental Biology, 2013, 216, 2012-6.	0.8	15
132	Does energy flux predict densityâ€dependence? An empirical field test. Ecology, 2017, 98, 3116-3126.	1.5	15
133	Developmental nutrition modulates metabolic responses to projected climate change. Functional Ecology, 2020, 34, 2488-2502.	1.7	15
134	Avoiding low-oxygen environments: oxytaxis as a mechanism of habitat selection in a marine invertebrate. Marine Ecology - Progress Series, 2015, 540, 99-107.	0.9	15
135	In situ measurement of calling metabolic rate in an Australian mole cricket, Gryllotalpa monanka. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 150, 217-221.	0.8	14
136	Scaling of gas exchange cycle frequency in insects. Biology Letters, 2008, 4, 127-129.	1.0	14
137	Extravagant ornaments of male threadfin rainbowfish (<scp>I</scp>riatherina werneri) are not costly for swimming. Functional Ecology, 2013, 27, 1034-1041.	1.7	14
138	Influence of food, body size, and fragmentation on metabolic rate in a sessile marine invertebrate. Invertebrate Biology, 2019, 138, 55-66.	0.3	14
139	When cormorants go fishing: the differing costs of hunting for sedentary and motile prey. Biology Letters, 2007, 3, 574-576.	1.0	13
140	Using light as a lure is an efficient predatory strategy in Arachnocampa flava, an Australian glowworm. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 181, 477-86.	0.7	13
141	The relationship between sea surface temperature and population change of Great Cormorants Phalacrocorax carbo breeding near Disko Bay, Greenland. Ibis, 2011, 153, 170-174.	1.0	13
142	Greater energy stores enable flightless moulting geese to increase resting behaviour. Ibis, 2011, 153, 868-874.	1.0	13
143	Discontinuous Gas Exchange, Water Loss, and Metabolism inProtaetia cretica(Cetoniinae,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	13
144	Biofilm history and oxygen availability interact to affect habitat selection in a marine invertebrate. Biofouling, 2016, 32, 645-655.	0.8	13

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145	Maturity matters for movement and metabolic rate: trait dynamics across the early adult life of red flour beetles. Animal Behaviour, 2016, 111, 181-188.	0.8	13
146	Low-carbohydrate diet induces metabolic depression: a possible mechanism to conserve glycogen. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R347-R356.	0.9	13
147	Metabolic scaling across succession: Do individual rates predict communityâ€level energy use?. Functional Ecology, 2018, 32, 1447-1456.	1.7	13
148	Metabolism drives demography in an experimental field test. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	13
149	Legs of male fiddler crabs evolved to compensate for claw exaggeration and enhance claw functionality during waving displays. Evolution; International Journal of Organic Evolution, 2018, 72, 2491-2502.	1.1	12
150	Artificial mass loading disrupts stable social order in pigeon dominance hierarchies. Biology Letters, 2020, 16, 20200468.	1.0	12
151	A hierarchical approach to understanding physiological associations with climate. Global Ecology and Biogeography, 2022, 31, 332-346.	2.7	12
152	Ecophysiology of a small ectotherm tracks environmental variation along an elevational cline. Journal of Biogeography, 2022, 49, 405-415.	1.4	12
153	Effects of body size, sex, parental care and moult strategies on auk diving behaviour outside the breeding season. Journal of Avian Biology, 2019, 50, .	0.6	11
154	How does spawning frequency scale with body size in marine fishes?. Fish and Fisheries, 2022, 23, 316-323.	2.7	11
155	Phylogenetic comparisons of pedestrian locomotion costs: confirmations and new insights. Ecology and Evolution, 2016, 6, 6712-6720.	0.8	10
156	Ocean sunfish as indicators for the â€˜rise of slimeâ€™. Current Biology, 2017, 27, R1263-R1264.	1.8	10
157	Activity patterns of the southern hairy-nosed wombat (Lasiorhinus latifrons) (Marsupialia:Vombatidae) in the South Australian Murraylands. Australian Mammalogy, 2010, 32, 39.	0.7	10
158	Externally attached biologgers cause compensatory body mass loss in birds. Methods in Ecology and Evolution, 2022, 13, 294-302.	2.2	10
159	Can the Basal Metabolic Rate of Endotherms Be Explained by Biophysical Modeling? Response to â€œA New Model for the Body Sizeâ€“Metabolism Relationshipâ€• Physiological and Biochemical Zoology, 2011, 84, 107-110.	0.6	9
160	Indications of phenotypic plasticity in moulting birds: captive geese reveal adaptive changes in mineralisation of their long bones during wing moult. Journal of Ornithology, 2011, 152, 1055-1061.	0.5	9
161	Visual habitat geometry predicts relative morph abundance in the colour-polymorphic ornate rainbowfish. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122377.	1.2	9
162	Investigating movement in the laboratory: dispersal apparatus designs and the red flour beetle, <scp>T</scp>ribolium castaneum. Entomologia Experimentalis Et Applicata, 2017, 163, 93-100.	0.7	9

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163	The role of parasitism in the energy management of a free-ranging bird. Journal of Experimental Biology, 2018, 221, .	0.8	9
164	Environmental Factors Influencing Hairyâ€Nosed Wombat Abundance in Semiâ€Arid Rangelands. Journal of Wildlife Management, 2020, 84, 921-929.	0.7	9
165	Discontinuous ventilation in the rhinoceros beetle Oryctes nasicornis. Journal of Thermal Analysis and Calorimetry, 2009, 95, 743-747.	2.0	8
166	Flight feather moult drives minimum daily heart rate in wild geese. Biology Letters, 2018, 14, 20180650.	1.0	8
167	Testing MacArthur's minimisation principle: do communities minimise energy wastage during succession?. Ecology Letters, 2018, 21, 1182-1190.	3.0	8
168	Pouch young removal and return to oestrus in wild southern hairy-nosed wombats (Lasiorhinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	0.5	7
169	Relations between Conspecific Density and Effects of Ultravioletâ€B Radiation on Tadpole Size in the Striped Marsh Frog. Conservation Biology, 2012, 26, 1112-1120.	2.4	7
170	Energetic constraints may limit the capacity of visually guided predators to respond to <scp>A</scp>rctic warming. Journal of Zoology, 2013, 289, 119-126.	0.8	7
171	Plastic but not adaptive: habitatâ€driven differences in metabolic rate despite no differences in selection between habitats. Oikos, 2021, 130, 931-942.	1.2	7
172	Drosophila melanogaster does not exhibit a behavioural fever response when infected with Drosophila C virus. Journal of General Virology, 2015, 96, 3667-3671.	1.3	7
173	Predicting the response of disease vectors to global change: The importance of allometric scaling. Global Change Biology, 2022, 28, 390-402.	4.2	7
174	Effect of Thermal Acclimation on Organ Mass, Tissue Respiration, and Allometry in Leichhardtian River PrawnsMacrobrachium tolmerum(Riek, 1951). Physiological and Biochemical Zoology, 2013, 86, 470-481.	0.6	6
175	Terrestrial locomotion energy costs vary considerably between species: no evidence that this is explained by rate of leg force production or ecology. Scientific Reports, 2019, 9, 656.	1.6	6
176	Phylogenetic investigation of skin sloughing rates in frogs: relationships with skin characteristics and disease-driven declines. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182378.	1.2	6
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