

Speakman John

List of Publications by Year in descending order

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Version: 2024-02-01

626
papers

35,298
citations

3325

91
h-index

7718

150
g-index

637
all docs

637
docs citations

637
times ranked

29610
citing authors

#	ARTICLE	IF	CITATIONS
1	High dietary protein and fat contents exacerbate hepatic senescence and SASP in mice. <i>FEBS Journal</i> , 2023, 290, 1340-1347.	2.2	8
2	A single nucleotide mutation in the dual-oxidase 2 (<i>DUOX2</i>) gene causes some of the panda's unique metabolic phenotypes. <i>National Science Review</i> , 2022, 9, nwab125.	4.6	8
3	A Mesocosm Experiment in Ecological Physiology: The Modulation of Energy Budget in a Hibernating Marsupial under Chronic Caloric Restriction. <i>Physiological and Biochemical Zoology</i> , 2022, 95, 66-81.	0.6	14
4	Genetic variations in adiponectin levels and dietary patterns on metabolic health among children with normal weight versus obesity: the BCAMS study. <i>International Journal of Obesity</i> , 2022, 46, 325-332.	1.6	7
5	The roles of different macronutrients in regulation of appetite, energy intake and adiposity. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022, 22, 100297.	0.6	5
6	Influence of environmental factors and parity on milk yield dynamics in barn-housed dairy cattle. <i>Journal of Dairy Science</i> , 2022, 105, 1225-1241.	1.4	17
7	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition. <i>Nature Communications</i> , 2022, 13, 99.	5.8	7
8	The energy balance model of obesity: beyond calories in, calories out. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1243-1254.	2.2	123
9	Higher metabolic plasticity in temperate compared to tropical lizards suggests increased resilience to climate change. <i>Ecological Monographs</i> , 2022, 92, .	2.4	20
10	Protective effects of 5-heptadecylresorcinol against adipocyte mitochondrial dysfunction through upregulation of Sirt3-mediated autophagy. <i>Journal of Nutritional Biochemistry</i> , 2022, 103, 108956.	1.9	10
11	Effect of disrupted episodic memory on food consumption: no impact of neuronal loss of Endophilin A1 on food intake and energy balance. <i>Journal of Genetics and Genomics</i> , 2022, , .	1.7	0
12	Setting Ambient Temperature Conditions to Optimize Translation of Molecular Work from the Mouse to Human: The "Goldilocks Solution". <i>Methods in Molecular Biology</i> , 2022, 2448, 235-250.	0.4	4
13	Consumption of takeaway and delivery meals is associated with increased BMI and percent fat among UK Biobank participants. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 173-188.	2.2	4
14	Body temperature is a more important modulator of lifespan than metabolic rate in two small mammals. <i>Nature Metabolism</i> , 2022, 4, 320-326.	5.1	27
15	Increased Variation in Body Weight and Food Intake Is Related to Increased Dietary Fat but Not Increased Carbohydrate or Protein in Mice. <i>Frontiers in Nutrition</i> , 2022, 9, 835536.	1.6	4
16	Effects of dietary macronutrients on the hepatic transcriptome and serum metabolome in mice. <i>Aging Cell</i> , 2022, , e13585.	3.0	4
17	Energy Expenditure of Female International Standard Soccer Players: A Doubly Labeled Water Investigation. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 769-779.	0.2	10
18	Obesity: an evolutionary context. , 2022, 1, 10-24.		15

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19	Calorie restriction and calorie dilution have different impacts on body fat, metabolism, behavior, and hypothalamic gene expression. <i>Cell Reports</i> , 2022, 39, 110835.	2.9	8
20	Reply to G Taubes, MI Friedman, and V Torres-Carot et al. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 614-615.	2.2	1
21	Higher than predicted resting energy expenditure and lower physical activity in healthy underweight Chinese adults. <i>Cell Metabolism</i> , 2022, 34, 1413-1415.	7.2	6
22	Human total, basal and activity energy expenditures are independent of ambient environmental temperature. <i>IScience</i> , 2022, 25, 104682.	1.9	6
23	Effects of dietary macronutrients and body composition on glucose homeostasis in mice. <i>National Science Review</i> , 2021, 8, nwa177.	4.6	9
24	The Effect of Aerobic and Resistance Training and Combined Exercise Modalities on Subcutaneous Abdominal Fat: A Systematic Review and Meta-analysis of Randomized Clinical Trials. <i>Advances in Nutrition</i> , 2021, 12, 179-196.	2.9	26
25	Comparison of total and activity energy expenditure estimates from physical activity questionnaires and doubly labelled water: a systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 2021, 125, 983-997.	1.2	6
26	The Effects of Graded Levels of Calorie Restriction: XVI. Metabolomic Changes in the Cerebellum Indicate Activation of Hypothalamocerebellar Connections Driven by Hunger Responses. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 601-610.	1.7	8
27	Energy Requirements of Male Academy Soccer Players from the English Premier League. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 200-210.	0.2	21
28	The impact of the novel coronavirus movement restrictions in the United Kingdom on food outlet usage and body mass index. <i>Obesity Science and Practice</i> , 2021, 7, 302-306.	1.0	9
29	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021, 2, 100203.	3.3	62
30	Adaptive immune response and resting metabolism are unaffected by manipulation of flight intensity, but negatively related to each other. <i>Journal of Avian Biology</i> , 2021, 52, .	0.6	2
31	Validating accelerometry-derived proxies of energy expenditure using the doubly labelled water method in the smallest penguin species. <i>Biology Open</i> , 2021, 10, .	0.6	7
32	The Assessment of Daily Energy Expenditure of Commercial Saturation Divers Using Doubly Labelled Water. <i>Frontiers in Physiology</i> , 2021, 12, 687605.	1.3	3
33	Impact of obesity on COVID-19-related mortality: A comment on estimates in Popkin et al 2020. <i>Obesity Reviews</i> , 2021, 22, e13250.	3.1	0
34	Depletion of the gut microbiota differentially affects the impact of whey protein on high-fat diet-induced obesity and intestinal permeability. <i>Physiological Reports</i> , 2021, 9, e14867.	0.7	12
35	Carbohydrates, insulin, and obesity. <i>Science</i> , 2021, 372, 577-578.	6.0	46
36	Fat storage influences fasting endurance more than body size in an ungulate. <i>Functional Ecology</i> , 2021, 35, 1470-1480.	1.7	4

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37	Very-low-protein diets lead to reduced food intake and weight loss, linked to inhibition of hypothalamic mTOR signaling, in mice. <i>Cell Metabolism</i> , 2021, 33, 888-904.e6.	7.2	33
38	Protein quality and quantity influence the effect of dietary fat on weight gain and tissue partitioning via host-microbiota changes. <i>Cell Reports</i> , 2021, 35, 109093.	2.9	8
39	Determinants of heart rate in Svalbard reindeer reveal mechanisms of seasonal energy management. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200215.	1.8	15
40	The effects of graded calorie restriction XVII: Multitissue metabolomics reveals synthesis of carnitine and NAD, and tRNA charging as key pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
41	Surviving winter on the Qinghai-Tibetan Plateau: Pikas suppress energy demands and exploit yak feces to survive winter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	35
42	Energy compensation and adiposity in humans. <i>Current Biology</i> , 2021, 31, 4659-4666.e2.	1.8	63
43	Daily energy expenditure through the human life course. <i>Science</i> , 2021, 373, 808-812.	6.0	234
44	Brown adipose tissue is the key depot for glucose clearance in microbiota depleted mice. <i>Nature Communications</i> , 2021, 12, 4725.	5.8	25
45	Physical activity and fat-free mass during growth and in later life. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1583-1589.	2.2	22
46	Daily energy expenditure and water turnover in two breeds of laying hens kept in floor housing. <i>Animal</i> , 2021, 15, 100047.	1.3	2
47	Adiposity, reproductive and metabolic health, and activity levels in zoo Asian elephant (<i>Elephas</i>) Tj ETQq1 1 0.784314 rgBTj /Overlock	0.8	9
48	Impact of graded maternal dietary fat content on offspring susceptibility to high-fat diet in mice. <i>Obesity</i> , 2021, 29, 2055-2067.	1.5	6
49	Angiopietin-Like Protein 8/Leptin Crosstalk Influences Cardiac Mass in Youths With Cardiometabolic Risk: The BCAMS Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 788549.	1.5	2
50	The relationship between female adiposity and physical attractiveness amongst adults in rural Ranaka village, Botswana. <i>South African Journal of Clinical Nutrition</i> , 2020, 33, 17-22.	0.3	2
51	No impact of hunger on male perception of female physical attractiveness in relation to adiposity: a randomized controlled trial. <i>International Journal of Obesity</i> , 2020, 44, 418-427.	1.6	1
52	The Effects of Graded Levels of Calorie Restriction: XIV. Global Metabolomics Screen Reveals Brown Adipose Tissue Changes in Amino Acids, Catecholamines, and Antioxidants After Short-Term Restriction in C57BL/6 Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 218-229.	1.7	14
53	Effect of calorie restriction or protein intake on circulating levels of insulin like growth factor I in humans: A systematic review and meta-analysis. <i>Clinical Nutrition</i> , 2020, 39, 1705-1716.	2.3	17
54	Maximizing precision and accuracy of the doubly labeled water method via optimal sampling protocol, calculation choices, and incorporation of 17O measurements. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 454-464.	1.3	13

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55	The carbohydrate-insulin model does not explain the impact of varying dietary macronutrients on the body weight and adiposity of mice. <i>Molecular Metabolism</i> , 2020, 32, 27-43.	3.0	20
56	Energetics suggest cause for even further conservation concern for Temminck's ground pangolin. <i>Animal Conservation</i> , 2020, 23, 245-249.	1.5	4
57	An Evolutionary Perspective on Sedentary Behavior. <i>BioEssays</i> , 2020, 42, e1900156.	1.2	11
58	Limits to sustained energy intake XXXII: Hot again: dorsal shaving increases energy intake and milk output in golden hamsters (<i>Mesocricetus auratus</i>). <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	5
59	Predicted impact of increasing average ambient temperature over the coming century on mortality from cardiovascular disease and stroke in the USA. <i>Atherosclerosis</i> , 2020, 313, 1-7.	0.4	10
60	Effects of predation risk on the body mass regulation of growing wood mice. <i>Journal of Zoology</i> , 2020, 312, 122-132.	0.8	3
61	Age- and duration-dependent effects of whey protein on high-fat diet-induced changes in body weight, lipid metabolism, and gut microbiota in mice. <i>Physiological Reports</i> , 2020, 8, e14523.	0.7	20
62	Metabolic rate through the life-course: From the organism to the organelle. <i>Experimental Gerontology</i> , 2020, 140, 111059.	1.2	0
63	Frequency of Restaurant, Delivery and Takeaway Usage Is Not Related to BMI among Adults in Scotland. <i>Nutrients</i> , 2020, 12, 2501.	1.7	4
64	Late lactation in small mammals is a critically sensitive window of vulnerability to elevated ambient temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24352-24358.	3.3	29
65	Why does caloric restriction increase life and healthspan? The "clean cupboards" hypothesis. <i>National Science Review</i> , 2020, 7, 1153-1156.	4.6	21
66	Acceleration predicts energy expenditure in a fat, flightless, diving bird. <i>Scientific Reports</i> , 2020, 10, 21493.	1.6	12
67	Active travelling to school is not associated with increased total daily physical activity levels, or reduced obesity and cardiovascular/pulmonary health parameters in 10-12-year olds: a cross-sectional cohort study. <i>International Journal of Obesity</i> , 2020, 44, 1452-1466.	1.6	7
68	Testing the carbohydrate insulin model in mice: Erroneous critique does not alter previous conclusion. <i>Molecular Metabolism</i> , 2020, 35, 100961.	3.0	2
69	The Effects of Graded Levels of Calorie Restriction XV: Phase Space Attractors Reveal Distinct Behavioral Phenotypes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 858-866.	1.7	3
70	Limits to Sustained Energy Intake XXXI: Effect of Graded Levels of Dietary Fat on Lactation Performance in Swiss Mice. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	8
71	Limits to sustained energy intake. XXX. Constraint or restraint? Manipulations of food supply show peak food intake in lactation is constrained. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	4
72	Impact of parental smoking on adipokine profiles and cardiometabolic risk factors in Chinese children. <i>Atherosclerosis</i> , 2020, 301, 23-29.	0.4	5

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73	Exposure to hot temperatures during lactation stunted offspring growth and decreased the future reproductive performance of female offspring. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	6
74	The energy savings-oxidative cost trade-off for migratory birds during endurance flight. <i>ELife</i> , 2020, 9, .	2.8	19
75	Measuring energy balance: a weighty issue. <i>BMJ, The</i> , 2020, 371, m4673.	3.0	0
76	The Effects of Graded Levels of Calorie Restriction: XIII. Global Metabolomics Screen Reveals Graded Changes in Circulating Amino Acids, Vitamins, and Bile Acids in the Plasma of C57BL/6 Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 16-26.	1.7	14
77	Effects of Ramadan on food intake, glucose homeostasis, lipid profiles and body composition composition. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 594-600.	1.3	35
78	GPR55 deficiency is associated with increased adiposity and impaired insulin signaling in peripheral metabolic tissues. <i>FASEB Journal</i> , 2019, 33, 1299-1312.	0.2	46
79	Progress and challenges in analyzing rodent energy expenditure. <i>Nature Methods</i> , 2019, 16, 797-799.	9.0	37
80	No energetic cost of tuberculosis infection in European badgers (<i>Meles meles</i>). <i>Journal of Animal Ecology</i> , 2019, 88, 1973-1985.	1.3	7
81	Switching on the furnace: Regulation of heat production in brown adipose tissue. <i>Molecular Aspects of Medicine</i> , 2019, 68, 60-73.	2.7	52
82	Fifty shades of brown: The functions, diverse regulation and evolution of brown adipose tissue. <i>Molecular Aspects of Medicine</i> , 2019, 68, 1-5.	2.7	3
83	Switching off the furnace: brown adipose tissue and lactation. <i>Molecular Aspects of Medicine</i> , 2019, 68, 18-41.	2.7	10
84	Do low-carbohydrate diets increase energy expenditure?. <i>International Journal of Obesity</i> , 2019, 43, 2350-2354.	1.6	34
85	Extreme events reveal an alimentary limit on sustained maximal human energy expenditure. <i>Science Advances</i> , 2019, 5, eaaw0341.	4.7	87
86	To best mimic human thermal conditions, mice should be housed slightly below thermoneutrality. <i>Molecular Metabolism</i> , 2019, 26, 4.	3.0	8
87	Impact of dietary sucrose on adiposity and glucose homeostasis in C57BL/6J mice depends on mode of ingestion: liquid or solid. <i>Molecular Metabolism</i> , 2019, 27, 22-32.	3.0	58
88	Low Citrate Synthase Activity Is Associated with Glucose Intolerance and Lipotoxicity. <i>Journal of Nutrition and Metabolism</i> , 2019, 2019, 1-14.	0.7	17
89	What is the best housing temperature to translate mouse experiments to humans?. <i>Molecular Metabolism</i> , 2019, 25, 168-176.	3.0	75
90	Microbiota Depletion Impairs Thermogenesis of Brown Adipose Tissue and Browning of White Adipose Tissue. <i>Cell Reports</i> , 2019, 26, 2720-2737.e5.	2.9	173

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91	Dietary α -lactalbumin alters energy balance, gut microbiota composition and intestinal nutrient transporter expression in high-fat diet-fed mice. <i>British Journal of Nutrition</i> , 2019, 121, 1097-1107.	1.2	21
92	Genetic Factors Associated With Human Physical Activity: Are Your Genes Too Tight To Prevent You Exercising?. <i>Endocrinology</i> , 2019, 160, 840-852.	1.4	18
93	Energy expenditure and body temperature variations in llamas living in the High Andes of Peru. <i>Scientific Reports</i> , 2019, 9, 4037.	1.6	21
94	Use of high-fat diets to study rodent obesity as a model of human obesity. <i>International Journal of Obesity</i> , 2019, 43, 1491-1492.	1.6	147
95	Energetics and thermal adaptation in semifossorial pine-voles <i>Microtus lusitanicus</i> and <i>Microtus duodecimcostatus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019, 189, 309-318.	0.7	5
96	Nutrition and its role in human evolution. <i>Journal of Internal Medicine</i> , 2019, 285, 533-549.	2.7	43
97	Sympatric Atlantic puffins and razorbills show contrasting responses to adverse marine conditions during winter foraging within the North Sea. <i>Movement Ecology</i> , 2019, 7, 33.	1.3	18
98	Pre- and post-diagnosis body mass index and heart failure mortality: a dose-response meta-analysis of observational studies reveals greater risk of being underweight than being overweight. <i>Obesity Reviews</i> , 2019, 20, 252-261.	3.1	16
99	Adiponectin: An Indicator for Metabolic Syndrome. <i>Iranian Journal of Public Health</i> , 2019, 48, 1106-1115.	0.3	5
100	Beauty and the Body of the Beholder: Raters' BMI Has Only Limited Association with Ratings of Attractiveness of the Opposite Sex. <i>Obesity</i> , 2018, 26, 522-530.	1.5	4
101	Reply to VI Kraak. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 290-291.	2.2	0
102	The effects of graded caloric restriction: α . Comparison of mouse to human impact on cellular senescence in the colon. <i>Aging Cell</i> , 2018, 17, e12746.	3.0	52
103	The effects of Ramadan fasting on activity and energy expenditure. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 54-61.	2.2	61
104	Adiposity and Reproductive Cycling Status in Zoo African Elephants. <i>Obesity</i> , 2018, 26, 103-110.	1.5	14
105	Limits to sustained energy intake XXVII: trade-offs between first and second litters in lactating mice support the ecological context hypothesis. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	7
106	Different impacts of resources on opposite sex ratings of physical attractiveness by males and females. <i>Evolution and Human Behavior</i> , 2018, 39, 220-225.	1.4	21
107	The evolution of body fatness: trading off disease and predation risk. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	75
108	The Effects of Graded Levels of Calorie Restriction: X. Transcriptomic Responses of Epididymal Adipose Tissue. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 279-288.	1.7	18

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109	Why lipostatic set point systems are unlikely to evolve. <i>Molecular Metabolism</i> , 2018, 7, 147-154.	3.0	11
110	Validation of the doubly labeled water method using off-axis integrated cavity output spectroscopy and isotope ratio mass spectrometry. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E124-E130.	1.8	14
111	Biomarker of burden: Feather corticosterone reflects energetic expenditure and allostatic overload in captive waterfowl. <i>Functional Ecology</i> , 2018, 32, 345-357.	1.7	21
112	Effect of Probiotic Supplementation on CD4 Cell Count in HIV-Infected Patients: A Systematic Review and Meta-analysis. <i>Journal of Dietary Supplements</i> , 2018, 15, 776-788.	1.4	13
113	Energy expenditure in professional flat jockeys using doubly labelled water during the racing season: Implications for body weight management. <i>European Journal of Sport Science</i> , 2018, 18, 235-242.	1.4	6
114	On the origin of obesity: identifying the biological, environmental and cultural drivers of genetic risk among human populations. <i>Obesity Reviews</i> , 2018, 19, 121-149.	3.1	158
115	Obesity and thermoregulation. <i>Handbook of Clinical Neurology</i> / Edited By PJ Vinken and G W Bruyn, 2018, 156, 431-443.	1.0	46
116	Measured energy content of frequently purchased restaurant meals: multi-country cross sectional study. <i>BMJ: British Medical Journal</i> , 2018, 363, k4864.	2.4	35
117	Regulation of intestinal growth in response to variations in energy supply and demand. <i>Obesity Reviews</i> , 2018, 19, 61-72.	3.1	17
118	Limits to sustained energy intake XXIX: the case of the golden hamster (<i>Mesocricetus auratus</i>). <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	8
119	Association of Fast-Food and Full-Service Restaurant Densities With Mortality From Cardiovascular Disease and Stroke, and the Prevalence of Diabetes Mellitus. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	21
120	Impact of Obesity and Ozone on the Association Between Particulate Air Pollution and Cardiovascular Disease and Stroke Mortality Among US Adults. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	25
121	Limits to sustained energy intake XXVIII: Beneficial effects of high dietary fat on lactation performance in mice. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	7
122	Response to "Fat is not just an energy store". <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	1
123	GWAS for BMI: a treasure trove of fundamental insights into the genetic basis of obesity. <i>International Journal of Obesity</i> , 2018, 42, 1524-1531.	1.6	84
124	Dietary Fat, but Not Protein or Carbohydrate, Regulates Energy Intake and Causes Adiposity in Mice. <i>Cell Metabolism</i> , 2018, 28, 415-431.e4.	7.2	191
125	Energy Intake and Expenditure of Professional Soccer Players of the English Premier League: Evidence of Carbohydrate Periodization. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2017, 27, 228-238.	1.0	83
126	The effects of graded levels of calorie restriction: IX. Global metabolomic screen reveals modulation of carnitines, sphingolipids and bile acids in the liver of C57BL/6 mice. <i>Aging Cell</i> , 2017, 16, 529-540.	3.0	48

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127	Mechanisms of Action of Surgical Interventions on Weight-Related Diseases: the Potential Role of Bile Acids. <i>Obesity Surgery</i> , 2017, 27, 826-836.	1.1	31
128	DJ-1 maintains energy and glucose homeostasis by regulating the function of brown adipose tissue. <i>Cell Discovery</i> , 2017, 3, 16054.	3.1	44
129	Daily energy expenditure in the face of predation: hedgehog energetics in rural landscapes. <i>Journal of Experimental Biology</i> , 2017, 220, 460-468.	0.8	22
130	Cold adaptation in pigs depends on UCP3 in beige adipocytes. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 364-375.	1.5	68
131	Higher densities of fast-food and full-service restaurants are not associated with obesity prevalence. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 603-613.	2.2	40
132	Whey protein effects on energy balance link the intestinal mechanisms of energy absorption with adiposity and hypothalamic neuropeptide gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E1-E11.	1.8	23
133	Seasonal changes in energy expenditure, body temperature and activity patterns in llamas (<i>Lama glama</i>). <i>Scientific Reports</i> , 2017, 7, 7600.	1.6	25
134	Reconstitution of <i>UCP1</i> using CRISPR/Cas9 in the white adipose tissue of pigs decreases fat deposition and improves thermogenic capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9474-E9482.	3.3	137
135	Ambient particulate air pollution (PM2.5) is associated with the ratio of type 2 diabetes to obesity. <i>Scientific Reports</i> , 2017, 7, 9144.	1.6	45
136	Activity-specific metabolic rates for diving, transiting, and resting at sea can be estimated from time-activity budgets in free-ranging marine mammals. <i>Ecology and Evolution</i> , 2017, 7, 2969-2976.	0.8	24
137	Brown adipocytes can display a mammary basal myoepithelial cell phenotype <i>in vivo</i> . <i>Molecular Metabolism</i> , 2017, 6, 1198-1211.	3.0	27
138	The validity of a web-based FFQ assessed by doubly labelled water and multiple 24-h recalls. <i>British Journal of Nutrition</i> , 2017, 118, 1106-1117.	1.2	23
139	No seasonal variation in physical activity of Han Chinese living in Beijing. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 48.	2.0	23
140	Sex differences in the effect of fish-oil supplementation on the adaptive response to resistance exercise training in older people: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 151-158.	2.2	141
141	Accelerometers can measure total and activity-specific energy expenditures in free-ranging marine mammals only if linked to time-activity budgets. <i>Functional Ecology</i> , 2017, 31, 377-386.	1.7	109
142	Metabolic Syndrome Patients Have Lower Levels of Adropin When Compared With Healthy Overweight/Obese and Lean Subjects. <i>American Journal of Men's Health</i> , 2017, 11, 426-434.	0.7	42
143	Body macronutrient composition is predicted by lipid and not protein content of the diet. <i>Ecology and Evolution</i> , 2017, 7, 10056-10065.	0.8	8
144	The effects of graded levels of calorie restriction: XI. Evaluation of the main hypotheses underpinning the life extension effects of CR using the hepatic transcriptome. <i>Aging</i> , 2017, 9, 1770-1824.	1.4	30

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145	Response to Farrokhi et al.'s statistical comments on "no seasonal variation in physical activity of Han Chinese living in Beijing". <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 152.	2.0	0
146	The effects of graded levels of calorie restriction: VIII. Impact of short term calorie and protein restriction on basal metabolic rate in the C57BL/6 mouse. <i>Oncotarget</i> , 2017, 8, 17453-17474.	0.8	34
147	The effects of graded levels of calorie restriction: V. Impact of short term calorie and protein restriction on physical activity in the C57BL/6 mouse. <i>Oncotarget</i> , 2016, 7, 19147-19170.	0.8	37
148	Limits to sustained energy intake XXIV: impact of suckling behaviour on the body temperatures of lactating female mice. <i>Scientific Reports</i> , 2016, 6, 25665.	1.6	17
149	Photoperiod induced obesity in the Brandt's vole (<i>Lasiopodomys brandtii</i>): a model of "healthy obesity"? <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1357-1366.	1.2	6
150	Using doubly-labelled water to measure free-living energy expenditure: Some old things to remember and some new things to consider. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 202, 3-9.	0.8	40
151	Metabolic changes over the course of aging in a mouse model of β -amyloid deposition. <i>Neurobiology of Aging</i> , 2016, 44, 62-73.	1.5	33
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