Jennifer L Miles-Chan

List of Publications by Year
in descending order

49 papers	958 citations	430754 18 h-index	477173 29 g-index
50 all docs	50 docs citations	50 times ranked	1658 citing authors

#	Article	IF	Citations
1	Passive and active roles of fat-free mass in the control of energy intake and body composition regulation. European Journal of Clinical Nutrition, 2017, 71, 353-357.	1.3	91
2	Prenatal and Postnatal Pathways to Obesity: Different Underlying Mechanisms, Different Metabolic Outcomes. Endocrinology, 2007, 148, 2345-2354.	1.4	85
3	Energy Drinks and Their Impact on the Cardiovascular System: Potential Mechanisms. Advances in Nutrition, 2016, 7, 950-960.	2.9	44
4	A Role for Adipose Tissue De Novo Lipogenesis in Glucose Homeostasis During Catch-up Growth. Diabetes, 2013, 62, 362-372.	0.3	43
5	Moderate Daily Exercise Activates Metabolic Flexibility to Prevent Prenatally Induced Obesity. Endocrinology, 2009, 150, 179-186.	1.4	42
6	Fasting substrate oxidation at rest assessed by indirect calorimetry: is prior dietary macronutrient level and composition a confounder?. International Journal of Obesity, 2015, 39, 1114-1117.	1.6	40
7	Heterogeneity in the Energy Cost of Posture Maintenance during Standing Relative to Sitting: Phenotyping According to Magnitude and Time-Course. PLoS ONE, 2013, 8, e65827.	1.1	38
8	The blood pressure-elevating effect of Red Bull energy drink is mimicked by caffeine but through different hemodynamic pathways. Physiological Reports, 2015, 3, e12290.	0.7	32
9	Oral non-steroidal anti-inflammatory drugs versus other oral analgesic agents for acute soft tissue injury. The Cochrane Library, 2015, , CD007789.	1.5	30
10	Sitting comfortably versus lying down: Is there really a difference in energy expenditure?. Clinical Nutrition, 2014, 33, 175-178.	2.3	29
11	Prenatally Induced Changes in Muscle Structure and Metabolic Function Facilitate Exercise-Induced Obesity Prevention. Endocrinology, 2009, 150, 4135-4144.	1.4	27
12	Body composition-derived BMI cut-offs for overweight and obesity in Indians and Creoles of Mauritius: comparison with Caucasians. International Journal of Obesity, 2016, 40, 1906-1914.	1.6	26
13	Prenatally undernourished rats show increased preference for wheel running v. lever pressing for food in a choice task. British Journal of Nutrition, 2009, 101, 902-908.	1.2	25
14	Issues in Continuous 24-h Core Body Temperature Monitoring in Humans Using an Ingestible Capsule Telemetric Sensor. Frontiers in Endocrinology, 2017, 8, 130.	1.5	25
15	Global undernutrition during gestation influences learning during adult life. Learning and Behavior, 2007, 35, 79-86.	0.5	22
16	Reduced Skeletal Muscle Protein Turnover and Thyroid Hormone Metabolism in Adaptive Thermogenesis That Facilitates Body Fat Recovery During Weight Regain. Frontiers in Endocrinology, 2019, 10, 119.	1.5	21
17	Collateral fattening in body composition autoregulation: its determinants and significance for obesity predisposition. European Journal of Clinical Nutrition, 2018, 72, 657-664.	1.3	20
18	Genderâ€specific considerations in physical activity, thermogenesis and fat oxidation: implications for obesity management. Obesity Reviews, 2018, 19, 73-83.	3.1	19

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19	Weight cycling practices in sport: A risk factor for later obesity?. Obesity Reviews, 2021, 22, e13188.	3.1	19
20	Overcoming barriers to in-hospital cardiac arrest documentation. Resuscitation, 2008, 76, 369-375.	1.3	18
21	Posture Allocation Revisited: Breaking the Sedentary Threshold of Energy Expenditure for Obesity Management. Frontiers in Physiology, 2017, 8, 420.	1.3	18
22	Dietary modulation of body composition and insulin sensitivity during catch-up growth in rats: effects of oils rich in n-6 or n-3 PUFA. British Journal of Nutrition, 2011, 105, 1750-1763.	1.2	17
23	Sex difference in substrate oxidation during low-intensity isometric exercise in young adults. Applied Physiology, Nutrition and Metabolism, 2016, 41, 977-984.	0.9	17
24	Nutrition, movement and sleep behaviours: their interactions in pathways to obesity and cardiometabolic diseases. Obesity Reviews, 2017, 18, 3-6.	3.1	17
25	The thermic effect of sugarâ€free <scp>R</scp>ed <scp>B</scp>ull: Do the nonâ€caffeine bioactive ingredients in energy drinks play a role?. Obesity, 2015, 23, 16-19.	1.5	14
26	Energy Expenditure and Substrate Oxidation in Response to Side-Alternating Whole Body Vibration across Three Commonly-Used Vibration Frequencies. PLoS ONE, 2016, 11, e0151552.	1.1	13
27	Isometric thermogenesis at rest and during movement: a neglected variable in energy expenditure and obesity predisposition. Obesity Reviews, 2017, 18, 56-64.	3.1	13
28	Standing economy: does the heterogeneity in the energy cost of posture maintenance reside in differential patterns of spontaneous weight-shifting?. European Journal of Applied Physiology, 2017, 117, 795-807.	1.2	13
29	A standardized approach to study human variability in isometric thermogenesis during low-intensity physical activity. Frontiers in Physiology, 2013, 4, 155.	1.3	12
30	Energy Cost of Standing in a Multi-Ethnic Cohort: Are Energy-Savers a Minority or the Majority?. PLoS ONE, 2017, 12, e0169478.	1.1	12
31	Low 24-hour core body temperature as a thrifty metabolic trait driving catch-up fat during weight regain after caloric restriction. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E699-E709.	1.8	11
32	Non-contact assessment of waist circumference: will tape measurements become progressively obsolete?. European Journal of Clinical Nutrition, 2012, 66, 269-272.	1.3	10
33	Water-induced thermogenesis and fat oxidation: a reassessment. Nutrition and Diabetes, 2015, 5, e190-e190.	1.5	10
34	Survival from inâ€hospital cardiac arrest in Auckland City Hospital. EMA - Emergency Medicine Australasia, 2011, 23, 569-579.	0.5	9
35	Metabolic programming of adipose tissue structure and function in male rat offspring by prenatal undernutrition. Nutrition and Metabolism, 2014, 11, 50.	1.3	9
36	Reliability of low-power cycling efficiency in energy expenditure phenotyping of inactive men and women. Physiological Reports, 2017, 5, e13233.	0.7	9

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37	Postnatal Development of Metabolic Flexibility and Enhanced Oxidative Capacity After Prenatal Undernutrition. Reproductive Sciences, 2012, 19, 607-614.	1.1	6
38	The Influence of Gender and Anthropometry on Haemodynamic Status at Rest and in Response to Graded Incremental Head-Up Tilt in Young, Healthy Adults. Frontiers in Physiology, 2016, 7, 656.	1.3	6
39	Adaptive Thermogenesis Driving Catch-Up Fat Is Associated With Increased Muscle Type 3 and Decreased Hepatic Type 1 Iodothyronine Deiodinase Activities: A Functional and Proteomic Study. Frontiers in Endocrinology, 2021, 12, 631176.	1.5	6
40	Objectively Measured Physical Activity Is Associated With Body Composition and Metabolic Profiles of Pacific and New Zealand European Women With Different Metabolic Disease Risks. Frontiers in Physiology, 2021, 12, 684782.	1.3	6
41	The Role of Bovine and Non-Bovine Milk in Cardiometabolic Health: Should We Raise the â€œBaaâ€?. Nutrients, 2022, 14, 290.	1.7	6
42	BMI and cardiovascular function in children and adolescents of Mauritius Island. Journal of Nutritional Science, 2013, 2, e3.	0.7	5
43	Oral Contraceptive Pill Alters Acute Dietary Proteinâ€Induced Thermogenesis in Young Women. Obesity, 2017, 25, 1482-1485.	1.5	5
44	Do gender and ethnic differences in fasting leptin in Indians and Creoles of Mauritius persist beyond differences in adiposity?. International Journal of Obesity, 2018, 42, 280-283.	1.6	5
45	Assessment of the Doseâ€“Response Relationship between Meal Protein Content and Postprandial Thermogenesis: Effect of Sex and the Oral Contraceptive Pill. Nutrients, 2019, 11, 1599.	1.7	5
46	Lightest weight-class athletes are at higher risk of weight regain: results from the French-Rapid Weight Loss Questionnaire. Physician and Sportsmedicine, 2023, 51, 144-152.	1.0	4
47	Acute Effects of Kawakawa (Piper excelsum) Intake on Postprandial Glycemic and Insulinaemic Response in a Healthy Population. Nutrients, 2022, 14, 1638.	1.7	2
48	Hemodynamic Responses to Energy Drink Consumption. JAMA - Journal of the American Medical Association, 2016, 315, 2018.	3.8	1
49	The fourth International conference on Recent Advances and Controversies in Measuring Energy Metabolism (RACMEM). European Journal of Clinical Nutrition, 2018, 72, 627-627.	1.3	0