

# Jennifer L Miles-Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

958  
citations

430874

18  
h-index

477307

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. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 353-357.	2.9	91
2	Prenatal and Postnatal Pathways to Obesity: Different Underlying Mechanisms, Different Metabolic Outcomes. <i>Endocrinology</i> , 2007, 148, 2345-2354.	2.8	85
3	Energy Drinks and Their Impact on the Cardiovascular System: Potential Mechanisms. <i>Advances in Nutrition</i> , 2016, 7, 950-960.	6.4	44
4	A Role for Adipose Tissue De Novo Lipogenesis in Glucose Homeostasis During Catch-up Growth. <i>Diabetes</i> , 2013, 62, 362-372.	0.6	43
5	Moderate Daily Exercise Activates Metabolic Flexibility to Prevent Prenatally Induced Obesity. <i>Endocrinology</i> , 2009, 150, 179-186.	2.8	42
6	Fasting substrate oxidation at rest assessed by indirect calorimetry: is prior dietary macronutrient level and composition a confounder?. <i>International Journal of Obesity</i> , 2015, 39, 1114-1117.	3.4	40
7	Heterogeneity in the Energy Cost of Posture Maintenance during Standing Relative to Sitting: Phenotyping According to Magnitude and Time-Course. <i>PLoS ONE</i> , 2013, 8, e65827.	2.5	38
8	The blood pressure-elevating effect of Red Bull energy drink is mimicked by caffeine but through different hemodynamic pathways. <i>Physiological Reports</i> , 2015, 3, e12290.	1.7	32
9	Oral non-steroidal anti-inflammatory drugs versus other oral analgesic agents for acute soft tissue injury. <i>The Cochrane Library</i> , 2015, , CD007789.	2.8	30
10	Sitting comfortably versus lying down: Is there really a difference in energy expenditure?. <i>Clinical Nutrition</i> , 2014, 33, 175-178.	5.0	29
11	Prenatally Induced Changes in Muscle Structure and Metabolic Function Facilitate Exercise-Induced Obesity Prevention. <i>Endocrinology</i> , 2009, 150, 4135-4144.	2.8	27
12	Body composition-derived BMI cut-offs for overweight and obesity in Indians and Creoles of Mauritius: comparison with Caucasians. <i>International Journal of Obesity</i> , 2016, 40, 1906-1914.	3.4	26
13	Prenatally undernourished rats show increased preference for wheel running v. lever pressing for food in a choice task. <i>British Journal of Nutrition</i> , 2009, 101, 902-908.	2.3	25
14	Issues in Continuous 24-h Core Body Temperature Monitoring in Humans Using an Ingestible Capsule Telemetric Sensor. <i>Frontiers in Endocrinology</i> , 2017, 8, 130.	3.5	25
15	Global undernutrition during gestation influences learning during adult life. <i>Learning and Behavior</i> , 2007, 35, 79-86.	1.0	22
16	Reduced Skeletal Muscle Protein Turnover and Thyroid Hormone Metabolism in Adaptive Thermogenesis That Facilitates Body Fat Recovery During Weight Regain. <i>Frontiers in Endocrinology</i> , 2019, 10, 119.	3.5	21
17	Collateral fattening in body composition autoregulation: its determinants and significance for obesity predisposition. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 657-664.	2.9	20
18	Gender-specific considerations in physical activity, thermogenesis and fat oxidation: implications for obesity management. <i>Obesity Reviews</i> , 2018, 19, 73-83.	6.5	19

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19	Weight cycling practices in sport: A risk factor for later obesity?. <i>Obesity Reviews</i> , 2021, 22, e13188.	6.5	19
20	Overcoming barriers to in-hospital cardiac arrest documentation. <i>Resuscitation</i> , 2008, 76, 369-375.	3.0	18
21	Posture Allocation Revisited: Breaking the Sedentary Threshold of Energy Expenditure for Obesity Management. <i>Frontiers in Physiology</i> , 2017, 8, 420.	2.8	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. <i>British Journal of Nutrition</i> , 2011, 105, 1750-1763.	2.3	17
23	Sex difference in substrate oxidation during low-intensity isometric exercise in young adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 977-984.	1.9	17
24	Nutrition, movement and sleep behaviours: their interactions in pathways to obesity and cardiometabolic diseases. <i>Obesity Reviews</i> , 2017, 18, 3-6.	6.5	17
25	The thermic effect of sugar-free <sc>R</sc>ed <sc>B</sc>ull: Do the non-caffeine bioactive ingredients in energy drinks play a role?. <i>Obesity</i> , 2015, 23, 16-19.	3.0	14
26	Energy Expenditure and Substrate Oxidation in Response to Side-Alternating Whole Body Vibration across Three Commonly-Used Vibration Frequencies. <i>PLoS ONE</i> , 2016, 11, e0151552.	2.5	13
27	Isometric thermogenesis at rest and during movement: a neglected variable in energy expenditure and obesity predisposition. <i>Obesity Reviews</i> , 2017, 18, 56-64.	6.5	13
28	Standing economy: does the heterogeneity in the energy cost of posture maintenance reside in differential patterns of spontaneous weight-shifting?. <i>European Journal of Applied Physiology</i> , 2017, 117, 795-807.	2.5	13
29	A standardized approach to study human variability in isometric thermogenesis during low-intensity physical activity. <i>Frontiers in Physiology</i> , 2013, 4, 155.	2.8	12
30	Energy Cost of Standing in a Multi-Ethnic Cohort: Are Energy-Savers a Minority or the Majority?. <i>PLoS ONE</i> , 2017, 12, e0169478.	2.5	12
31	Low 24-hour core body temperature as a thrifty metabolic trait driving catch-up fat during weight regain after caloric restriction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E699-E709.	3.5	11
32	Non-contact assessment of waist circumference: will tape measurements become progressively obsolete?. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 269-272.	2.9	10
33	Water-induced thermogenesis and fat oxidation: a reassessment. <i>Nutrition and Diabetes</i> , 2015, 5, e190-e190.	3.2	10
34	Survival from in-hospital cardiac arrest in Auckland City Hospital. <i>EMA - Emergency Medicine Australasia</i> , 2011, 23, 569-579.	1.1	9
35	Metabolic programming of adipose tissue structure and function in male rat offspring by prenatal undernutrition. <i>Nutrition and Metabolism</i> , 2014, 11, 50.	3.0	9
36	Reliability of low-power cycling efficiency in energy expenditure phenotyping of inactive men and women. <i>Physiological Reports</i> , 2017, 5, e13233.	1.7	9

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37	Postnatal Development of Metabolic Flexibility and Enhanced Oxidative Capacity After Prenatal Undernutrition. <i>Reproductive Sciences</i> , 2012, 19, 607-614.	2.5	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. <i>Frontiers in Physiology</i> , 2016, 7, 656.	2.8	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. <i>Frontiers in Endocrinology</i> , 2021, 12, 631176.	3.5	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. <i>Frontiers in Physiology</i> , 2021, 12, 684782.	2.8	6
41	The Role of Bovine and Non-Bovine Milk in Cardiometabolic Health: Should We Raise the "Baa"? <i>Nutrients</i> , 2022, 14, 290.	4.1	6
42	BMI and cardiovascular function in children and adolescents of Mauritius Island. <i>Journal of Nutritional Science</i> , 2013, 2, e3.	1.9	5
43	Oral Contraceptive Pill Alters Acute Dietary Protein-Induced Thermogenesis in Young Women. <i>Obesity</i> , 2017, 25, 1482-1485.	3.0	5
44	Do gender and ethnic differences in fasting leptin in Indians and Creoles of Mauritius persist beyond differences in adiposity?. <i>International Journal of Obesity</i> , 2018, 42, 280-283.	3.4	5
45	Assessment of the Dose-Response Relationship between Meal Protein Content and Postprandial Thermogenesis: Effect of Sex and the Oral Contraceptive Pill. <i>Nutrients</i> , 2019, 11, 1599.	4.1	5
46	Lightest weight-class athletes are at higher risk of weight regain: results from the French-Rapid Weight Loss Questionnaire. <i>Physician and Sportsmedicine</i> , 2023, 51, 144-152.	2.1	4
47	Acute Effects of Kawakawa ( <i>Piper excelsum</i> ) Intake on Postprandial Glycemic and Insulinaemic Response in a Healthy Population. <i>Nutrients</i> , 2022, 14, 1638.	4.1	2
48	Hemodynamic Responses to Energy Drink Consumption. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 2018.	7.4	1
49	The fourth International conference on Recent Advances and Controversies in Measuring Energy Metabolism (RACMEM). <i>European Journal of Clinical Nutrition</i> , 2018, 72, 627-627.	2.9	0