

# David H St-Pierre

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,162  
citations

361413

20  
h-index

265206

42  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3710  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Metabolically Healthy but Obese Individual Presents a Favorable Inflammation Profile. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4145-4150.	3.6	518
2	Mitochondrial morphology is altered in atrophied skeletal muscle of aged mice. <i>Oncotarget</i> , 2015, 6, 17923-17937.	1.8	202
3	Metabolic and Behavioral Characteristics of Metabolically Obese but Normal-Weight Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 5013-5020.	3.6	185
4	Crosstalk between intestinal microbiota, adipose tissue and skeletal muscle as an early event in systemic low-grade inflammation and the development of obesity and diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2015, 31, 545-561.	4.0	150
5	Lack of interaction between peripheral injection of CCK and obestatin in the regulation of gastric satiety signaling in rodents. <i>Peptides</i> , 2006, 27, 2811-2819.	2.4	110
6	Lack of obestatin effects on food intake: Should obestatin be renamed ghrelin-associated peptide (GAP)?. <i>Regulatory Peptides</i> , 2007, 141, 1-7.	1.9	101
7	Association of Acylated and Nonacylated Ghrelin with Insulin Sensitivity in Overweight and Obese Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 264-269.	3.6	91
8	Relationship between Ghrelin and Energy Expenditure in Healthy Young Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 5993-5997.	3.6	82
9	LPS inhibits fasted plasma ghrelin levels in rats: role of IL-1 and PGs and functional implications. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G611-G620.	3.4	72
10	Metabolic effects of overnight continuous infusion of unacylated ghrelin in humans. <i>European Journal of Endocrinology</i> , 2012, 166, 911-916.	3.7	70
11	Interrelationships between ghrelin, insulin and glucose homeostasis: Physiological relevance. <i>World Journal of Diabetes</i> , 2014, 5, 328.	3.5	64
12	Lifestyle behaviours and components of energy balance as independent predictors of ghrelin and adiponectin in young non-obese women. <i>Diabetes and Metabolism</i> , 2006, 32, 131-139.	2.9	44
13	The impact of a short-term high-fat diet on mitochondrial respiration, reactive oxygen species production, and dynamics in oxidative and glycolytic skeletal muscles of young rats. <i>Physiological Reports</i> , 2018, 6, e13548.	1.7	40
14	Plasma glucose kinetics and response of insulin and GIP following a cereal breakfast in female subjects: effect of starch digestibility. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 740-745.	2.9	33
15	Surrogate indexes vs. euglycaemic-hyperinsulinemic clamp as an indicator of insulin resistance and cardiovascular risk factors in overweight and obese postmenopausal women. <i>Diabetes and Metabolism</i> , 2006, 32, 251-255.	2.9	31
16	Fiber intake predicts ghrelin levels in overweight and obese postmenopausal women. <i>European Journal of Endocrinology</i> , 2009, 161, 65-72.	3.7	30
17	Effect of an Acute High Carbohydrate Diet on Body Composition Using DXA in Young Men. <i>Annals of Nutrition and Metabolism</i> , 2015, 66, 233-236.	1.9	26
18	Ghrelin: A Novel Player in the Gut-Brain Regulation of Growth Hormone and Energy Balance. <i>Physiology</i> , 2003, 18, 242-246.	3.1	24

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19	Altered Lipid Metabolism Impairs Skeletal Muscle Force in Young Rats Submitted to a Short-Term High-Fat Diet. <i>Frontiers in Physiology</i> , 2018, 9, 1327.	2.8	24
20	A Short-Term High-Fat Diet Alters Glutathione Levels and IL-6 Gene Expression in Oxidative Skeletal Muscles of Young Rats. <i>Frontiers in Physiology</i> , 2019, 10, 372.	2.8	22
21	Adverse effects of weight loss: Are persistent organic pollutants a potential culprit?. <i>Diabetes and Metabolism</i> , 2016, 42, 215-223.	2.9	19
22	Degradation in insulin sensitivity with increasing severity of the metabolic syndrome in obese postmenopausal women. <i>Diabetes, Obesity and Metabolism</i> , 2006, 8, 336-341.	4.4	18
23	Comparison of insulin sensitivity values using the hyperinsulinemic euglycemic clamp: 2 vs 3 hours. <i>Diabetes and Metabolism</i> , 2004, 30, 413-414.	2.9	17
24	Effect of secretin on preadipocyte, differentiating and mature adipocyte functions. <i>International Journal of Obesity</i> , 2013, 37, 366-374.	3.4	17
25	Association between nesfatin-1 levels and metabolic improvements in severely obese patients who underwent biliopancreatic derivation with duodenal switch. <i>Peptides</i> , 2016, 86, 6-12.	2.4	16
26	Secretin: Should we revisit its metabolic outcomes?. <i>Journal of Endocrinological Investigation</i> , 2010, 33, 266-275.	3.3	15
27	Bariatric Surgery-Induced Resolution of Hypertension and Obstructive Sleep Apnea: Impact of Modulation of Body Fat, Ectopic Fat, Autonomic Nervous Activity, Inflammatory and Adipokine Profiles. <i>Obesity Surgery</i> , 2017, 27, 3156-3164.	2.1	15
28	Altered Feeding Behaviors and Adiposity Precede Observable Weight Gain in Young Rats Submitted to a Short-Term High-Fat Diet. <i>Journal of Nutrition and Metabolism</i> , 2018, 2018, 1-10.	1.8	15
29	Interplay Between Gut Microbiota and Gastrointestinal Peptides: Potential Outcomes on the Regulation of Glucose Control. <i>Canadian Journal of Diabetes</i> , 2020, 44, 359-367.	0.8	14
30	Association of acylated ghrelin profiles with chronic inflammatory markers in overweight and obese postmenopausal women: a MONET study. <i>European Journal of Endocrinology</i> , 2007, 157, 419-426.	3.7	12
31	Change in plasma acylation stimulating protein during euglycaemic hyperinsulinaemic clamp in overweight and obese postmenopausal women: a MONET study. <i>Clinical Endocrinology</i> , 2009, 70, 539-546.	2.4	10
32	Circulating obestatin levels in normal and Type 2 diabetic subjects. <i>Journal of Endocrinological Investigation</i> , 2010, 33, 211-214.	3.3	10
33	Timing of high-intensity intermittent exercise affects ad libitum energy intake in overweight inactive men. <i>Appetite</i> , 2019, 143, 104443.	3.7	10
34	Two weeks of high-fat feeding disturb lipid and cholesterol molecular markers. <i>Cell Biochemistry and Function</i> , 2018, 36, 387-393.	2.9	9
35	Genetic variation and statistical considerations in relation to overfeeding and underfeeding in humans. <i>Nutrition</i> , 2004, 20, 145-154.	2.4	8
36	Amylin stimulates fatty acid esterification in 3T3-L1 adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2013, 366, 99-107.	3.2	8

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37	Acylated Ghrelin and The Regulation of Lipid Metabolism in The Intestine. Scientific Reports, 2019, 9, 17975.	3.3	7
38	The metabolic response to the activation of the $\beta_2$ -adrenergic receptor by salbutamol is amplified by acylated ghrelin. Journal of Endocrinological Investigation, 2010, 33, 363-367.	3.3	6
39	Immunometabolic Changes in Hepatocytes Arising from Obesity and the Practice of Physical Exercise. Current Pharmaceutical Design, 2018, 24, 3200-3209.	1.9	6
40	Two weeks of western diet disrupts liver molecular markers of cholesterol metabolism in rats. Lipids in Health and Disease, 2020, 19, 192.	3.0	5
41	Impact of 5-week high-intensity interval training on indices of cardio metabolic health in men. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 1359-1364.	3.6	4
42	Early administration of L-arginine in <i>mdx</i> neonatal mice delays the onset of muscular dystrophy in tibialis anterior (TA) muscle. FASEB BioAdvances, 2021, 3, 639-651.	2.4	2