Leigh Perreault

List of Publications by Year
in descending order

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68 papers	4,830 citations	101543 36 h-index	98798 67 g-index
70 all docs	70 docs citations	70 times ranked	6910 citing authors

#	Article	IF	Citations
1	Changes in Glucose Metabolism and Glycemic Status With Once-Weekly Subcutaneous Semaglutide 2.4 mg Among Participants With Prediabetes in the STEP Program. Diabetes Care, 2022, 45, 2396-2405.	8.6	19
2	The Impact of Physical Activity on the Prevention of Type 2 Diabetes: Evidence and Lessons Learned From the Diabetes Prevention Program, a Long-Standing Clinical Trial Incorporating Subjective and Objective Activity Measures. Diabetes Care, 2021, 44, 43-49.	8.6	41
3	SGLT2 Inhibition for CKD and Cardiovascular Disease in Type 2 Diabetes: Report of a Scientific Workshop Sponsored by the National Kidney Foundation. American Journal of Kidney Diseases, 2021, 77, 94-109.	1.9	88
4	Subcellular localisation and composition of intramuscular triacylglycerol influence insulin sensitivity in humans. Diabetologia, 2021, 64, 168-180.	6.3	13
5	SGLT2 Inhibition for CKD and Cardiovascular Disease in Type 2 Diabetes: Report of a Scientific Workshop Sponsored by the National Kidney Foundation. Diabetes, 2021, 70, 1-16.	0.6	53
6	Sex Differences in Insulin Sensitivity are Related to Muscle Tissue Acylcarnitine But Not Subcellular Lipid Distribution. Obesity, 2021, 29, 550-561.	3.0	9
7	Hepatic Fat in Participants With and Without Incident Diabetes in the Diabetes Prevention Program Outcome Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4746-e4765.	3.6	4
8	Semaglutide 2Â·4 mg once a week in adults with overweight or obesity, and type 2 diabetes (STEP 2): a randomised, double-blind, double-dummy, placebo-controlled, phase 3 trial. Lancet, The, 2021, 397, 971-984.	13.7	429
9	Novel therapies with precision mechanisms for type 2 diabetes mellitus. Nature Reviews Endocrinology, 2021, 17, 364-377.	9.6	70
10	Effects of ad libitum food intake, insufficient sleep and weekend recovery sleep on energy balance. Sleep, 2021, 44, .	1.1	7
11	Patient-Centered Goal-Setting in the National Diabetes Prevention Program: A Pilot Study. Diabetes Care, 2021, 44, 2464-2469.	8.6	9
12	Effect of Metformin and Lifestyle Interventions on Mortality in the Diabetes Prevention Program and Diabetes Prevention Program Outcomes Study. Diabetes Care, 2021, 44, 2775-2782.	8.6	51
13	Trends in Rates of Infections Requiring Hospitalization Among Adults With Versus Without Diabetes in the U.S., 2000â€“2015. Diabetes Care, 2020, 43, 106-116.	8.6	42
14	Circulating sex hormone binding globulin levels are modified with intensive lifestyle intervention, but their changes did not independently predict diabetes risk in the Diabetes Prevention Program. BMJ Open Diabetes Research and Care, 2020, 8, e001841.	2.8	5
15	Regression From Prediabetes to Normal Glucose Regulation and Prevalence of Microvascular Disease in the Diabetes Prevention Program Outcomes Study (DPPOS). Diabetes Care, 2019, 42, 1809-1815.	8.6	61
16	Metabolite Profiles of Incident Diabetes and Heterogeneity of Treatment Effect in the Diabetes Prevention Program. Diabetes, 2019, 68, 2337-2349.	0.6	22
17	Reversion from prediabetes to normoglycaemia and risk of cardiovascular disease and mortality: the Whitehall II cohort study. Diabetologia, 2019, 62, 1385-1390.	6.3	55
18	0108 Insufficient Sleep Alters After-Dinner Consumption of High-Carbohydrate Snacks. Sleep, 2019, 42, A44-A45.	1.1	0

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19	Ad libitum Weekend Recovery Sleep Fails to Prevent Metabolic Dysregulation during a Repeating Pattern of Insufficient Sleep and Weekend Recovery Sleep. Current Biology, 2019, 29, 957-967.e4.	3.9	135
20	The Association Between Type 2 Diabetes and Cardiovascular Disease: The â€œFor Your SweetHeartâ„¢â€• Survey. Advances in Therapy, 2019, 36, 746-755.	2.9	9
21	Selecting Core Outcomes for Randomised Effectiveness trials In Type 2 diabetes (SCORE-IT): a patient and healthcare professional consensus on a core outcome set for type 2 diabetes. BMJ Open Diabetes Research and Care, 2019, 7, e000700.	2.8	42
22	What predicts regression from pre-diabetes to normal glucose regulation following a primary care nurse-delivered dietary intervention? A study protocol for a prospective cohort study. BMJ Open, 2019, 9, e033358.	1.9	4
23	Intermuscular adipose tissue directly modulates skeletal muscle insulin sensitivity in humans. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E866-E879.	3.5	97
24	Optimizing Fixed-Ratio Combination Therapy in Type 2 Diabetes. Advances in Therapy, 2019, 36, 265-277.	2.9	26
25	Non-traditional biomarkers and incident diabetes in the Diabetes Prevention Program: comparative effects of lifestyle and metformin interventions. Diabetologia, 2019, 62, 58-69.	6.3	25
26	Intramuscular triglyceride synthesis: importance in muscle lipid partitioning in humans. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E152-E164.	3.5	45
27	Goals for Medical Treatment in Obesity and Prediabetes: Improving Outcomes for Both. Endocrine Practice, 2018, 24, 1093-1098.	2.1	1
28	Where can obesity management policy make the largest impact? Evaluating sub-populations through a microsimulation approach. Journal of Medical Economics, 2018, 21, 936-943.	2.1	3
29	Intracellular localization of diacylglycerols and sphingolipids influences insulin sensitivity and mitochondrial function in human skeletal muscle. JCI Insight, 2018, 3, .	5.0	119
30	EMPA-REG OUTCOME: The Endocrinologist's Point of View. American Journal of Cardiology, 2017, 120, S48-S52.	1.6	2
31	EMPA-REG OUTCOME: The Endocrinologist's Point of View. American Journal of Medicine, 2017, 130, S51-S56.	1.5	3
32	Impact of Lifestyle and Metformin Interventions on the Risk of Progression to Diabetes and Regression to Normal Glucose Regulation in Overweight or Obese People With Impaired Glucose Regulation. Diabetes Care, 2017, 40, 1668-1677.	8.6	62
33	Can Cardiovascular Epidemiology and Clinical Trials Close the Risk Management Gap Between Diabetes and Prediabetes?. Current Diabetes Reports, 2017, 17, 77.	4.2	7
34	Metformin for diabetes prevention: insights gained from the Diabetes Prevention Program/Diabetes Prevention Program Outcomes Study. Diabetologia, 2017, 60, 1601-1611.	6.3	129
35	Return on Investment for Digital Behavioral Counseling in Patients With Prediabetes and Cardiovascular Disease. Preventing Chronic Disease, 2016, 13, E13.	3.4	31
36	Dietary Fatty Acids Differentially Associate with Fasting Versus 2-Hour Glucose Homeostasis: Implications for The Management of Subtypes of Prediabetes. PLoS ONE, 2016, 11, e0150148.	2.5	18

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37	Skeletal muscle phosphatidylcholine and phosphatidylethanolamine are related to insulin sensitivity and respond to acute exercise in humans. Journal of Applied Physiology, 2016, 120, 1355-1363.	2.5	52
38	Lifestyle and Metformin Ameliorate Insulin Sensitivity Independently of the Genetic Burden of Established Insulin Resistance Variants in Diabetes Prevention Program Participants. Diabetes, 2016, 65, 520-526.	0.6	34
39	Muscle sphingolipids during rest and exercise: a C18:0 signature for insulin resistance in humans. Diabetologia, 2016, 59, 785-798.	6.3	108
40	Change in adiponectin explains most of the change in HDL particles induced by lifestyle intervention but not metformin treatment in the Diabetes Prevention Program. Metabolism: Clinical and Experimental, 2016, 65, 764-775.	3.4	19
41	Biomarkers of Ectopic Fat Deposition: The Next Frontier in Serum Lipidomics. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 176-182.	3.6	14
42	Serum sphingolipids: relationships to insulin sensitivity and changes with exercise in humans. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E398-E408.	3.5	120
43	Morning Circadian Misalignment during Short Sleep Duration Impacts Insulin Sensitivity. Current Biology, 2015, 25, 3004-3010.	3.9	129
44	Regression From Prediabetes to Normal Glucose Regulation Is Associated With Reduction in Cardiovascular Risk: Results From the Diabetes Prevention Program Outcomes Study. Diabetes Care, 2014, 37, 2622-2631.	8.6	97
45	Approaching Pre-diabetes. Journal of Diabetes and Its Complications, 2014, 28, 226-233.	2.3	50
46	Effects of Weight Loss, Weight Cycling, and Weight Loss Maintenance on Diabetes Incidence and Change in Cardiometabolic Traits in the Diabetes Prevention Program. Diabetes Care, 2014, 37, 2738-2745.	8.6	97
47	Hepatic Glucose Sensing Is Impaired, but Can Be Normalized, in People With Impaired Fasting Glucose. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1154-E1162.	3.6	14
48	The Importance of Palmitoleic Acid to Adipocyte Insulin Resistance and Whole-Body Insulin Sensitivity in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E40-E50.	3.6	38
49	Trajectories of cardiometabolic risk factors before diagnosis of three subtypes of type 2 diabetes: a post-hoc analysis of the longitudinal Whitehall II cohort study. Lancet Diabetes and Endocrinology,the, 2013, 1, 43-51.	11.4	87
50	Impact of insufficient sleep on total daily energy expenditure, food intake, and weight gain. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5695-5700.	7.1	630
51	Depression as a Predictor of Weight Regain Among Successful Weight Losers in the Diabetes Prevention Program. Diabetes Care, 2013, 36, 216-221.	8.6	28
52	Bisphenol A Impairs Hepatic Glucose Sensing in C57BL/6 Male Mice. PLoS ONE, 2013, 8, e69991.	2.5	26
53	Effect of regression from prediabetes to normal glucose regulation on long-term reduction in diabetes risk: results from the Diabetes Prevention Program Outcomes Study. Lancet, The, 2012, 379, 2243-2251.	13.7	384
54	Novel and Reversible Mechanisms of Smoking-Induced Insulin Resistance in Humans. Diabetes, 2012, 61, 3156-3166.	0.6	106

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55	Energy expenditure during sleep, sleep deprivation and sleep following sleep deprivation in adult humans. Journal of Physiology, 2011, 589, 235-244.	2.9	248
56	Fenofibrate administration does not affect muscle triglyceride concentration or insulin sensitivity in humans. Metabolism: Clinical and Experimental, 2011, 60, 1107-1114.	3.4	14
57	Updated Genetic Score Based on 34 Confirmed Type 2 Diabetes Loci Is Associated With Diabetes Incidence and Regression to Normoglycemia in the Diabetes Prevention Program. Diabetes, 2011, 60, 1340-1348.	0.6	172
58	Inflexibility in Intramuscular Triglyceride Fractional Synthesis Distinguishes Prediabetes From Obesity in Humans. Obesity, 2010, 18, 1524-1531.	3.0	29
59	Increased intramuscular lipid synthesis and low saturation relate to insulin sensitivity in endurance-trained athletes. Journal of Applied Physiology, 2010, 108, 1134-1141.	2.5	79
60	Incretin action maintains insulin secretion, but not hepatic insulin action, in people with impaired fasting glucose. Diabetes Research and Clinical Practice, 2010, 90, 87-94.	2.8	19
61	Altered Intramuscular Lipid Metabolism Relates to Diminished Insulin Action in Men, but Not Women, in Progression to Diabetes. Obesity, 2010, 18, 2093-2100.	3.0	39
62	Regression From Pre-Diabetes to Normal Glucose Regulation in the Diabetes Prevention Program. Diabetes Care, 2009, 32, 1583-1588.	8.6	155
63	Intramuscular Lipid Metabolism in the Insulin Resistance of Smoking. Diabetes, 2009, 58, 2220-2227.	0.6	53
64	Impaired fasting glucose with or without impaired glucose tolerance: progressive or parallel states of prediabetes?. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E428-E435.	3.5	34
65	Sex Differences in Diabetes Risk and the Effect of Intensive Lifestyle Modification in the Diabetes Prevention Program. Diabetes Care, 2008, 31, 1416-1421.	8.6	104
66	Gender differences in insulin action after a single bout of exercise. Journal of Applied Physiology, 2004, 97, 1013-1021.	2.5	18
67	Gender Differences in Lipoprotein Lipase Activity after Acute Exercise. Obesity, 2004, 12, 241-249.	4.0	44
68	No effect of menstrual cycle phase on lactate threshold. Journal of Applied Physiology, 2003, 95, 2537-2543.	2.5	53