Matthew Campbell

List of Publications by Year
in descending order

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57 papers	1,671 citations	331642 21 h-index	302107 39 g-index
65 all docs	65 docs citations	65 times ranked	2362 citing authors

#	Article	IF	Citations
1	Associations Between Erythrocyte Membrane Fatty Acid Compositions and Biomarkers of Vascular Health in Adults With Type 1 Diabetes With and Without Insulin Resistance: A Cross-Sectional Analysis. Canadian Journal of Diabetes, 2022, 46, 111-117.	0.8	3
2	Application of Machine Learning to Assess Interindividual Variability in Rapid-Acting Insulin Responses After Subcutaneous Injection in People With Type 1 Diabetes. Canadian Journal of Diabetes, 2022, 46, 225-232.e2.	0.8	2
3	Pulse consumption improves indices of glycemic control in adults with and without type 2 diabetes: a systematic review and meta-analysis of acute and long-term randomized controlled trials. European Journal of Nutrition, 2022, 61, 809-824.	3.9	14
4	Impact of food processing on postprandial glycaemic and appetite responses in healthy adults: a randomized, controlled trial. Food and Function, 2022, 13, 1280-1290.	4.6	4
5	Type 1 Diabetes Patients With Different Residual Beta-Cell Function but Similar Age, HBA1c, and Cardiorespiratory Fitness Have Differing Exercise-Induced Angiogenic Cell Mobilisation. Frontiers in Endocrinology, 2022, 13, 797438.	3.5	2
6	Glucose variability is associated with an adverse vascular profile but only in the presence of insulin resistance in individuals with type 1 diabetes: An observational study. Diabetes and Vascular Disease Research, 2022, 19, 147916412211032.	2.0	4
7	A replication-linked mutational gradient drives somatic mutation accumulation and influences germline polymorphisms and genome composition in mitochondrial DNA. Nucleic Acids Research, 2021, 49, 11103-11118.	14.5	20
8	Influence of glycaemic index on subjective appetite responses in healthy adults. Proceedings of the Nutrition Society, 2021, 80, .	1.0	0
9	Body mass index, estimated glucose disposal rate and vascular complications in type 1 diabetes: Beyond glycated haemoglobin. Diabetic Medicine, 2021, 38, e14529.	2.3	24
10	Estimated glucose disposal rate as a candidate biomarker for thrombotic biomarkers in T1D: a pooled analysis. Journal of Endocrinological Investigation, 2021, 44, 2417-2426.	3.3	7
11	Association of exercise participation levels with cardiometabolic health and quality of life in individuals with hepatitis C. BMJ Open Gastroenterology, 2021, 8, e000591.	2.7	0
12	Type 1 diabetes patients increase CXCR4+ and CXCR7+ haematopoietic and endothelial progenitor cells with exercise, but the response is attenuated. Scientific Reports, 2021, 11, 14502.	3.3	5
13	Postprandial vascular-inflammatory and thrombotic responses to high-fat feeding are augmented by manipulating the lipid droplet size distribution. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 2716-2723.	2.6	3
14	Elamipretide (SS-31) treatment attenuates age-associated post-translational modifications of heart proteins. GeroScience, 2021, 43, 2395-2412.	4.6	17
15	P193â€...Patients with hepatitis C are at high risk of cardiovascular events. , 2021, , .		0
16	Characterization of Individualized Glycemic Excursions during a Standardized Bout of Hypoglycemia-Inducing Exercise and Subsequent Hypoglycemia Treatmentâ€"A Pilot Study. Nutrients, 2021, 13, 4165.	4.1	2
17	An Analysis of Metabolic Changes in the Retina and Retinal Pigment Epithelium of Aging Mice. , 2021, 62, 20.		5
18	The Effect of Bifidobacterium on Reducing Symptomatic Abdominal Pain in Patients with Irritable Bowel Syndrome: A Systematic Review. Probiotics and Antimicrobial Proteins, 2020, 12, 834-839.	3.9	14

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19	Increased tumour burden alters skeletal muscle properties in the KPC mouse model of pancreatic cancer. JCSM Rapid Communications, 2020, 3, 44-55.	1.6	1
20	Omega-3 polyunsaturated fatty acid supplementation versus placebo on vascular health, glycaemic control, and metabolic parameters in people with type 1 diabetes: a randomised controlled preliminary trial. Cardiovascular Diabetology, 2020, 19, 127.	6.8	20
21	Increased cardiovascular risk and reduced quality of life are highly prevalent among individuals with hepatitis C. BMJ Open Gastroenterology, 2020, 7, e000470.	2.7	9
22	Accumulating Physical Activity in Short or Brief Bouts for Glycemic Control in Adults With Prediabetes and Diabetes. Canadian Journal of Diabetes, 2020, 44, 759-767.	0.8	7
23	Moving Toward Precision Medicine with Diabetes, Exercise and Physical Activity. Canadian Journal of Diabetes, 2020, 44, 679.	0.8	6
24	Mitochondrial protein interaction landscape of SS-31. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15363-15373.	7.1	88
25	Benefit of lifestyle-based T2DM prevention is influenced by prediabetes phenotype. Nature Reviews Endocrinology, 2020, 16, 395-400.	9.6	64
26	Late-life restoration of mitochondrial function reverses cardiac dysfunction in old mice. ELife, 2020, 9, .	6.0	68
27	733-P: Postprandial Glucose Variability in People with Type 1 Diabetes Is Individual and Impacted by Physiological and Clinical Parameters. Diabetes, 2020, 69, 733-P.	0.6	2
28	Double diabetes: A distinct highâ€risk group?. Diabetes, Obesity and Metabolism, 2019, 21, 2609-2618.	4.4	65
29	High level of clinical inertia in insulin initiation in type 2 diabetes across Central and South-Eastern Europe: insights from SITIP study. Acta Diabetologica, 2019, 56, 1045-1049.	2.5	15
30	Improving mitochondrial function with SS-31 reverses age-related redox stress and improves exercise tolerance in aged mice. Free Radical Biology and Medicine, 2019, 134, 268-281.	2.9	101
31	A small dose of whey protein co-ingested with mixed-macronutrient breakfast and lunch meals improves postprandial glycemia and suppresses appetite in men with type 2 diabetes: a randomized controlled trial. American Journal of Clinical Nutrition, 2018, 107, 550-557.	4.7	50
32	Building strength, endurance, and mobility using an astaxanthin formulation with functional training in elderly. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 826-833.	7.3	30
33	Impact of Ideal Cardiovascular Health in Childhood on the Retinal Microvasculature in Midadulthood: Cardiovascular Risk in Young Finns Study. Journal of the American Heart Association, 2018, 7, e009487.	3.7	17
34	Omega-3 polyunsaturated fatty acids favourably modulate cardiometabolic biomarkers in type 2 diabetes: a meta-analysis and meta-regression of randomized controlled trials. Cardiovascular Diabetology, 2018, 17, 98.	6.8	105
35	Gut microbiota of Type 1 diabetes patients with good glycaemic control and high physical fitness is similar to people without diabetes: an observational study. Diabetic Medicine, 2017, 34, 127-134.	2.3	45
36	The mitochondrial-targeted peptide, SS-31, improves glomerular architecture in mice of advanced age. Kidney International, 2017, 91, 1126-1145.	5.2	85

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37	Exercise and physical activity in patients with type 1 diabetes. Lancet Diabetes and Endocrinology,the, 2017, 5, 493.	11.4	13
38	An additional bolus of rapid-acting insulin to normalise postprandial cardiovascular risk factors following a high-carbohydrate high-fat meal in patients with type 1 diabetes: A randomised controlled trial. Diabetes and Vascular Disease Research, 2017, 14, 336-344.	2.0	15
39	Effect of insulin therapy and dietary adjustments on safety and performance during simulated soccer tests in people with type 1 diabetes: study protocol for a randomized controlled trial. Trials, 2017, 18, 338.	1.6	1
40	Co-Ingestion of Whey Protein with a Carbohydrate-Rich Breakfast Does Not Affect Glycemia, Insulinemia or Subjective Appetite Following a Subsequent Meal in Healthy Males. Nutrients, 2016, 8, 116.	4.1	20
41	Carbohydrate Counting at Meal Time Followed by a Small Secondary Postprandial Bolus Injection at 3 Hours Prevents Late Hyperglycemia, Without Hypoglycemia, After a High-Carbohydrate, High-Fat Meal in Type 1 Diabetes. Diabetes Care, 2016, 39, e141-e142.	8.6	29
42	NAD ⁺ repletion improves muscle function in muscular dystrophy and counters global PARylation. Science Translational Medicine, 2016, 8, 361ra139.	12.4	208
43	Algorithm that delivers an individualized rapidâ€acting insulin dose after morning resistance exercise counters postâ€exercise hyperglycaemia in people with Type 1 diabetes. Diabetic Medicine, 2016, 33, 506-510.	2.3	36
44	Similar magnitude of postâ€exercise hyperglycemia despite manipulating resistance exercise intensity in type 1 diabetes individuals. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 404-412.	2.9	30
45	The influence of a carbohydrate and whey protein based breakfast on metabolic and appetite parameters following a second meal. Proceedings of the Nutrition Society, 2015, 74, .	1.0	0
46	The inflammation, vascular repair and injury responses to exercise in fit males with and without Type 1 diabetes: an observational study. Cardiovascular Diabetology, 2015, 14, 71.	6.8	25
47	Insulin therapy and dietary adjustments to normalize glycemia and prevent nocturnal hypoglycemia after evening exercise in type 1 diabetes: a randomized controlled trial. BMJ Open Diabetes Research and Care, 2015, 3, e000085.	2.8	90
48	Comparison of appetite responses to highâ€“ and lowâ€“glycemic index postexercise meals under matched insulinemia and fiber in type 1 diabetes. American Journal of Clinical Nutrition, 2015, 101, 478-486.	4.7	13
49	Simulated games activity vs continuous running exercise: A novel comparison of the glycemic and metabolic responses in <scp>T1DM</scp> patients. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 216-222.	2.9	41
50	Impact of single and multiple sets of resistance exercise in type 1 diabetes. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e99-109.	2.9	55
51	Reductions in resistance exerciseâ€induced hyperglycaemic episodes are associated with circulating interleukinâ€6 in Type 1 diabetes. Diabetic Medicine, 2014, 31, 1009-1013.	2.3	13
52	The influence of calcium supplementation on substrate metabolism during exercise in humans: a randomized controlled trial. European Journal of Clinical Nutrition, 2014, 68, 712-718.	2.9	9
53	A Lowâ€“Glycemic Index Meal and Bedtime Snack Prevents Postprandial Hyperglycemia and Associated Rises in Inflammatory Markers, Providing Protection From Early but Not Late Nocturnal Hypoglycemia Following Evening Exercise in Type 1 Diabetes. Diabetes Care, 2014, 37, 1845-1853.	8.6	52
54	Metabolic Implications when Employing Heavy Pre- and Post-Exercise Rapid-Acting Insulin Reductions to Prevent Hypoglycaemia in Type 1 Diabetes Patients: A Randomised Clinical Trial. PLoS ONE, 2014, 9, e97143.	2.5	38

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55	Large Pre- and Postexercise Rapid-Acting Insulin Reductions Preserve Glycemia and Prevent Early- but Not Late-Onset Hypoglycemia in Patients With Type 1 Diabetes. Diabetes Care, 2013, 36, 2217-2224.	8.6	66
56	Syncope during resistance exercise in an individual with type 1 diabetes. Practical Diabetes, 2013, 30, 290-293.	0.3	0
57	The relative contribution of diurnal and nocturnal glucose exposures to HbA1c in type 1 diabetes males: a pooled analysis. Journal of Diabetes and Metabolic Disorders, 0, , 1.	1.9	2