

Kristine FÄ|rch

List of Publications by Year in descending order

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113
papers

3,607
citations

117453

34
h-index

155451

55
g-index

114
all docs

114
docs citations

114
times ranked

6811
citing authors

#	ARTICLE	IF	CITATIONS
1	GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. <i>Diabetes</i> , 2015, 64, 2513-2525.	0.3	235
2	Pathophysiology and aetiology of impaired fasting glycaemia and impaired glucose tolerance: does it matter for prevention and treatment of type 2 diabetes?. <i>Diabetologia</i> , 2009, 52, 1714-1723.	2.9	185
3	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	1.5	158
4	Insulin Resistance Is Accompanied by Increased Fasting Glucagon and Delayed Glucagon Suppression in Individuals With Normal and Impaired Glucose Regulation. <i>Diabetes</i> , 2016, 65, 3473-3481.	0.3	137
5	Impaired fasting glycaemia vs impaired glucose tolerance: similar impairment of pancreatic alpha and beta cell function but differential roles of incretin hormones and insulin action. <i>Diabetologia</i> , 2008, 51, 853-861.	2.9	123
6	Impact of Birth Weight and Early Infant Weight Gain on Insulin Resistance and Associated Cardiovascular Risk Factors in Adolescence. <i>PLoS ONE</i> , 2011, 6, e20595.	1.1	123
7	Risk of Cardiovascular Disease and Death in Individuals With Prediabetes Defined by Different Criteria: The Whitehall II Study. <i>Diabetes Care</i> , 2018, 41, 899-906.	4.3	116
8	Sex differences in glucose levels: a consequence of physiology or methodological convenience? The Inter99 study. <i>Diabetologia</i> , 2010, 53, 858-865.	2.9	101
9	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. <i>Lancet Diabetes and Endocrinology</i> , 2013, 1, 43-51.	5.5	87
10	Effects of 12 weeks of treatment with fermented milk on blood pressure, glucose metabolism and markers of cardiovascular risk in patients with type 2 diabetes: a randomised double-blind placebo-controlled study. <i>European Journal of Endocrinology</i> , 2015, 172, 11-20.	1.9	85
11	Low birthweight and premature birth are both associated with type 2 diabetes in a random sample of middle-aged Danes. <i>Diabetologia</i> , 2010, 53, 2526-2530.	2.9	78
12	Patterns of Obesity Development before the Diagnosis of Type 2 Diabetes: The Whitehall II Cohort Study. <i>PLoS Medicine</i> , 2014, 11, e1001602.	3.9	77
13	Evidence of a liverâ€“alpha cell axis in humans: hepatic insulin resistance attenuates relationship between fasting plasma glucagon and glucagonotropic amino acids. <i>Diabetologia</i> , 2018, 61, 671-680.	2.9	76
14	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies <i>BCL2</i> and <i>FAM19A2</i> as Novel Insulin Sensitivity Loci. <i>Diabetes</i> , 2016, 65, 3200-3211.	0.3	67
15	Trajectories of glycaemia, insulin sensitivity and insulin secretion in South Asian and white individuals before diagnosis of type 2 diabetes: a longitudinal analysis from the Whitehall II cohort study. <i>Diabetologia</i> , 2017, 60, 1252-1260.	2.9	64
16	Type 2 diabetes risk alleles near <i>ADCY5</i> , <i>CDKAL1</i> and <i>HHEX-IDE</i> are associated with reduced birthweight. <i>Diabetologia</i> , 2010, 53, 1908-1916.	2.9	61
17	Barriers to and motivators for physical activity among people with Type 2 diabetes: patients' perspectives. <i>Diabetic Medicine</i> , 2016, 33, 1677-1685.	1.2	61
18	Metabolically Healthy Obesity and Ischemic Heart Disease: A 10-Year Follow-Up of the Inter99 Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1934-1942.	1.8	56

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19	Reversion from prediabetes to normoglycaemia and risk of cardiovascular disease and mortality: the Whitehall II cohort study. <i>Diabetologia</i> , 2019, 62, 1385-1390.	2.9	55
20	Biomarkers of subclinical inflammation and increases in glycaemia, insulin resistance and beta-cell function in non-diabetic individuals: the Whitehall II study. <i>European Journal of Endocrinology</i> , 2016, 175, 367-377.	1.9	52
21	Pathophysiological Characteristics Underlying Different Glucose Response Curves: A Latent Class Trajectory Analysis From the Prospective EGIR-RISC Study. <i>Diabetes Care</i> , 2018, 41, 1740-1748.	4.3	52
22	Approaching Pre-diabetes. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 226-233.	1.2	50
23	Cardiovascular Risk Stratification and Management in Pre-Diabetes. <i>Current Diabetes Reports</i> , 2014, 14, 493.	1.7	48
24	Glucose-Dependent Insulinotropic Polypeptide Is Associated With Lower Low-Density Lipoprotein But Unhealthy Fat Distribution, Independent of Insulin: The ADDITION-PRO Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 485-493.	1.8	46
25	Reduced incidence of lower extremity amputations in a Danish diabetes population from 2000 to 2011. <i>Diabetic Medicine</i> , 2014, 31, 443-447.	1.2	45
26	Prediction of clamp-derived insulin sensitivity from the oral glucose insulin sensitivity index. <i>Diabetologia</i> , 2018, 61, 1135-1141.	2.9	45
27	Glucose patterns during an oral glucose tolerance test and associations with future diabetes, cardiovascular disease and all-cause mortality rate. <i>Diabetologia</i> , 2018, 61, 101-107.	2.9	43
28	Targeting epicardial adipose tissue with exercise, diet, bariatric surgery or pharmaceutical interventions: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021, 22, e13136.	3.1	43
29	Relationship Between Insulin Resistance and β -Cell Dysfunction in Subphenotypes of Prediabetes and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 707-716.	1.8	41
30	The disposition index: adjustment for peripheral vs. hepatic insulin sensitivity?. <i>Journal of Physiology</i> , 2010, 588, 759-764.	1.3	39
31	Metabolic inflexibility is a common feature of impaired fasting glycaemia and impaired glucose tolerance. <i>Acta Diabetologica</i> , 2011, 48, 349-353.	1.2	38
32	Cognitive Functions in Middle Aged Individuals Are Related to Metabolic Disturbances and Aerobic Capacity: A Cross-Sectional Study. <i>PLoS ONE</i> , 2012, 7, e51132.	1.1	37
33	Improved Survival Among Patients With Complicated Type 2 Diabetes in Denmark: A Prospective Study (2002-2010). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E642-E646.	1.8	36
34	Effects of sleep manipulation on markers of insulin sensitivity: A systematic review and meta-analysis of randomized controlled trials. <i>Sleep Medicine Reviews</i> , 2022, 62, 101594.	3.8	36
35	A Statistical Approach Based on Substitution of Macronutrients Provides Additional Information to Models Analyzing Single Dietary Factors in Relation to Type 2 Diabetes in Danish Adults: the Inter99 Study. <i>Journal of Nutrition</i> , 2005, 135, 1177-1182.	1.3	35
36	Abdominal Fat Distribution and Cardiovascular Risk in Men and Women With Different Levels of Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3340-3347.	1.8	35

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37	Effects of 12-Weeks™ treatment with a proton pump inhibitor on insulin secretion, glucose metabolism and markers of cardiovascular risk in patients with type 2 diabetes: a randomised double-blind prospective placebo-controlled study. <i>Diabetologia</i> , 2013, 56, 22-30.	2.9	34
38	Impact of Glucose Tolerance Status, Sex, and Body Size on Glucose Absorption Patterns During OGTTs. <i>Diabetes Care</i> , 2013, 36, 3691-3697.	4.3	31
39	Relative contributions of preprandial and postprandial glucose exposures, glycemic variability, and non-glycemic factors to HbA 1c in individuals with and without diabetes. <i>Nutrition and Diabetes</i> , 2018, 8, 38.	1.5	31
40	Predictors of future fasting and 2-h post-OGTT plasma glucose levels in middle-aged men and women—the Inter99 study. <i>Diabetic Medicine</i> , 2009, 26, 377-383.	1.2	30
41	A variant in the G6PC2/ABCB11 locus is associated with increased fasting plasma glucose, increased basal hepatic glucose production and increased insulin release after oral and intravenous glucose loads. <i>Diabetologia</i> , 2009, 52, 2122-2129.	2.9	29
42	Increased Serum Concentrations of Persistent Organic Pollutants among Prediabetic Individuals: Potential Role of Altered Substrate Oxidation Patterns. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1705-E1713.	1.8	29
43	The effects of dapagliflozin, metformin or exercise on glycaemic variability in overweight or obese individuals with prediabetes (the PRE-D Trial): a multi-arm, randomised, controlled trial. <i>Diabetologia</i> , 2021, 64, 42-55.	2.9	29
44	Treatment with a proton pump inhibitor improves glycaemic control in type 2 diabetic patients - a retrospective analysis. <i>Diabetes Research and Clinical Practice</i> , 2010, 90, e72-e74.	1.1	28
45	Estimating insulin sensitivity and beta cell function: perspectives from the modern pandemics of obesity and type 2 diabetes. <i>Diabetologia</i> , 2012, 55, 2863-2867.	2.9	28
46	The PNPLA3 rs738409 G-Allele Associates with Reduced Fasting Serum Triglyceride and Serum Cholesterol in Danes with Impaired Glucose Regulation. <i>PLoS ONE</i> , 2012, 7, e40376.	1.1	28
47	Metabolic response to 36-hours of fasting in young men born small vs appropriate for gestational age. <i>Diabetologia</i> , 2015, 58, 178-187.	2.9	28
48	Do Gene Variants Influencing Adult Adiposity Affect Birth Weight? A Population-Based Study of 24 Loci in 4,744 Danish Individuals. <i>PLoS ONE</i> , 2010, 5, e14190.	1.1	27
49	Bisphenol A Impairs Hepatic Glucose Sensing in C57BL/6 Male Mice. <i>PLoS ONE</i> , 2013, 8, e69991.	1.1	26
50	Incretin and pancreatic hormone secretion in Caucasian non-diabetic carriers of the <i>TCF7L2</i> rs7903146 risk T allele. <i>Diabetes, Obesity and Metabolism</i> , 2013, 15, 91-95.	2.2	24
51	Heart Rate, Autonomic Function, and Future Changes in Glucose Metabolism in Individuals Without Diabetes: The Whitehall II Cohort Study. <i>Diabetes Care</i> , 2019, 42, 867-874.	4.3	24
52	Effects of vegan diets on cardiometabolic health: A systematic review and meta-analysis of randomized controlled trials. <i>Obesity Reviews</i> , 2022, 23, .	3.1	23
53	Glucose patterns during the OGTT and risk of future diabetes in an urban Indian population: The CARRS study. <i>Diabetes Research and Clinical Practice</i> , 2017, 126, 192-197.	1.1	22
54	Heterogeneity in glucose response curves during an oral glucose tolerance test and associated cardiometabolic risk. <i>Endocrine</i> , 2017, 55, 427-434.	1.1	21

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55	Phenotypic Responses to a Lifestyle Intervention Do Not Account for Inter-Individual Variability in Glucose Tolerance for Individuals at High Risk of Type 2 Diabetes. <i>Frontiers in Physiology</i> , 2019, 10, 317.	1.3	20
56	Effect of time of day and fasting duration on measures of glycaemia: analysis from the Whitehall II Study. <i>Diabetologia</i> , 2013, 56, 294-297.	2.9	19
57	Sex differences in glucose and insulin trajectories prior to diabetes diagnosis: the Whitehall II study. <i>Acta Diabetologica</i> , 2014, 51, 315-319.	1.2	19
58	The role of physical activity in the development of first cardiovascular disease event: a tree-structured survival analysis of the Danish ADDITION-PRO cohort. <i>Cardiovascular Diabetology</i> , 2018, 17, 126.	2.7	18
59	Impact of Meal Timing and Chronotype on Food Reward and Appetite Control in Young Adults. <i>Nutrients</i> , 2020, 12, 1506.	1.7	18
60	Watching, keeping and squeezing time to lose weight: Implications of time-restricted eating in daily life. <i>Appetite</i> , 2021, 161, 105138.	1.8	18
61	Does Insulin Resistance Drive the Association between Hyperglycemia and Cardiovascular Risk?. <i>PLoS ONE</i> , 2012, 7, e39260.	1.1	17
62	Protocol for a randomised controlled trial of the effect of dapagliflozin, metformin and exercise on glycaemic variability, body composition and cardiovascular risk in prediabetes (the PRE-D Trial). <i>BMJ Open</i> , 2017, 7, e013802.	0.8	17
63	Evaluation of dietary intake in a Danish population: the Inter99 study. <i>Scandinavian Journal of Nutrition</i> , 2004, 48, 136-143.	0.2	15
64	Pilot Clinical Trial of Time-Restricted Eating in Patients with Metabolic Syndrome. <i>Nutrients</i> , 2021, 13, 346.	1.7	15
65	Impact of size at birth and prematurity on adult anthropometry in 4744 middle-aged Danes – The Inter99 study. <i>Journal of Developmental Origins of Health and Disease</i> , 2010, 1, 319-328.	0.7	14
66	Hepatic Glucose Sensing Is Impaired, but Can Be Normalized, in People With Impaired Fasting Glucose. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1154-E1162.	1.8	14
67	Physical Activity and Improvement of Glycemia in Prediabetes by Different Diagnostic Criteria. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3712-3721.	1.8	14
68	The Birth Weight Lowering C-Allele of rs900400 Near LEKR1 and CCNL1 Associates with Elevated Insulin Release following an Oral Glucose Challenge. <i>PLoS ONE</i> , 2011, 6, e27096.	1.1	13
69	Protocol for a single-centre, parallel-group, randomised, controlled, superiority trial on the effects of time-restricted eating on body weight, behaviour and metabolism in individuals at high risk of type 2 diabetes: the REstricted Eating Time (RESET) study. <i>BMJ Open</i> , 2020, 10, e037166.	0.8	13
70	Physical activity energy expenditure vs cardiorespiratory fitness level in impaired glucose metabolism. <i>Diabetologia</i> , 2015, 58, 2709-2717.	2.9	12
71	Common variants in the hERG (KCNH2) voltage-gated potassium channel are associated with altered fasting and glucose-stimulated plasma incretin and glucagon responses. <i>BMC Genetics</i> , 2018, 19, 15.	2.7	12
72	Timing and Frequency of Daily Energy Intake in Adults with Prediabetes and Overweight or Obesity and Their Associations with Body Fat. <i>Nutrients</i> , 2020, 12, 3484.	1.7	12

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73	Age- and sex-specific effects of a long-term lifestyle intervention on body weight and cardiometabolic health markers in adults with prediabetes: results from the diabetes prevention study PREVIEW. <i>Diabetologia</i> , 2022, 65, 1262-1277.	2.9	12
74	Investigation of eye tracking, electrodermal activity and facial expressions as biometric signatures of food reward and intake in normal weight adults. <i>Food Quality and Preference</i> , 2021, 93, 104248.	2.3	11
75	Association of self-perceived body image with body mass index and type 2 diabetesâ€”The ADDITION-PRO study. <i>Preventive Medicine</i> , 2015, 75, 64-69.	1.6	10
76	Effect of Pancreatic Hormones on pro-Atrial Natriuretic Peptide in Humans. <i>EBioMedicine</i> , 2017, 17, 88-94.	2.7	9
77	Relationship between retinal vessel diameters and retinopathy in the Inter99 Eye Study. <i>Journal of Clinical and Translational Endocrinology</i> , 2017, 8, 22-28.	1.0	9
78	No effects of dapagliflozin, metformin or exercise on plasma glucagon concentrations in individuals with prediabetes: A post hoc analysis from the randomized controlled <scp>PREâ€”</scp> trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 530-539.	2.2	9
79	Physical Activity Dimensions Associated with Impaired Glucose Metabolism. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2176-2184.	0.2	8
80	Greater glucagon-like peptide-1 responses to oral glucose are associated with lower central and peripheral blood pressures. <i>Cardiovascular Diabetology</i> , 2019, 18, 130.	2.7	8
81	Glucose Measurements at Various Time Points During the OGTT and Their Role in Capturing Glucose Response Patterns. <i>Diabetes Care</i> , 2019, 42, e56-e57.	4.3	8
82	Associations between Postprandial Gut Hormones and Markers of Bone Remodeling. <i>Nutrients</i> , 2021, 13, 3197.	1.7	8
83	Late-evening food intake is highly prevalent among individuals with type 2 diabetes. <i>Nutrition Research</i> , 2021, 87, 91-96.	1.3	7
84	Is Time-Restricted Eating Safe in the Treatment of Type 2 Diabetes?â€”A Review of Intervention Studies. <i>Nutrients</i> , 2022, 14, 2299.	1.7	7
85	Habitual physical activity is associated with lower fasting and greater glucose-induced GLP-1 response in men. <i>Endocrine Connections</i> , 2019, 8, 1607-1617.	0.8	5
86	Role of fasting duration and weekday in incretin and glucose regulation. <i>Endocrine Connections</i> , 2020, 9, 279-288.	0.8	5
87	Discordance Between Glucose Levels Measured in Interstitial Fluid vs in Venous Plasma After Oral Glucose Administration: A Post-Hoc Analysis From the Randomised Controlled PRE-D Trial. <i>Frontiers in Endocrinology</i> , 2021, 12, 753810.	1.5	5
88	What happens after a weight loss intervention? A qualitative study of drivers and challenges of maintaining time-restricted eating among people with overweight at high risk of type 2 diabetes. <i>Appetite</i> , 2022, 174, 106034.	1.8	5
89	Does the Effect of a 3-Year Lifestyle Intervention on Body Weight and Cardiometabolic Health Differ by Prediabetes Metabolic Phenotype? A Post Hoc Analysis of the PREVIEW Study. <i>Diabetes Care</i> , 2022, 45, 2698-2708.	4.3	5
90	Comment on: Tam et al. Defining Insulin Resistance From Hyperinsulinemic-Euglycemic Clamps. <i>Diabetes Care</i> 2012;35:1605-1610. <i>Diabetes Care</i> , 2013, 36, e9-e9.	4.3	4

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91	Intensive multifactorial treatment modifies the effect of family history of diabetes on glycaemic control in people with Type 2 diabetes: a <i>post hoc</i> analysis of the <sc>ADDITION</sc> â€œDenmark randomized controlled trial. Diabetic Medicine, 2015, 32, 1085-1089.	1.2	4
92	Towards precision medicine in diabetes? A critical review of glucotypes. PLoS Biology, 2021, 19, e3000890.	2.6	4
93	Human Gastrointestinal Transit and Hormonal Response to Different Meal Types: A Randomized Crossover Study. Journal of Nutrition, 2022, 152, 1358-1369.	1.3	4
94	Prospective association between late evening food consumption and risk of prediabetes and diabetes: the Whitehall II cohort study. Diabetic Medicine, 2019, 36, 1256-1260.	1.2	3
95	Genome-wide association study of circulating levels of glucagon during an oral glucose tolerance test. BMC Medical Genomics, 2021, 14, 3.	0.7	3
96	Eighteen year weight trajectories and metabolic markers of diabetes in modernising China: which timescale is most relevant?. Diabetologia, 2014, 57, 2605-2606.	2.9	2
97	Physiological factors contributing to HbA1c in the normal and pre-diabetic range: a cross-sectional analysis. Endocrine, 2020, 68, 306-311.	1.1	2
98	Effect of exercise training on skeletal muscle protein expression in relation to insulin sensitivity: Perâ€œprotocol analysis of a randomized controlled trial (GOâ€œACTIVE). Physiological Reports, 2021, 9, e14850.	0.7	2
99	The process of health behaviour change following participation in a randomised controlled trial targeting prediabetes: A qualitative study. Diabetic Medicine, 2022, 39, e14748.	1.2	2
100	Predicting Food Intake From Food Reward and Biometric Responses to Food Cues in Adults With Normal Weight Using Machine Learning. Journal of Nutrition, 2022, , .	1.3	2
101	Response to Comment on FÄ rch et al. GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. Diabetes 2015;64:2513â€œ2525. Diabetes, 2015, 64, e30-e31.	0.3	1
102	Is there a need for new diabetes prevention trials?. BMJ: British Medical Journal, 2017, 356, j1003.	2.4	1
103	Assessment of time to glucose peak during an oral glucose tolerance test. Clinical Endocrinology, 2017, 87, 879-881.	1.2	1
104	Food Reward after a Traditional Inuit or a Westernised Diet in an Inuit Population in Greenland. Nutrients, 2022, 14, 561.	1.7	1
105	Role of weekday variation on glucose, insulin, and triglyceride: A cross-sectional analysis from The Maastricht Study. Journal of Clinical Endocrinology and Metabolism, 2022, , .	1.8	1
106	Is it possible to develop a â€œoneâ€œsize fits allâ€œ™ prediction model for undiagnosed TypeÂ2 diabetes?. Diabetic Medicine, 2014, 31, 116-117.	1.2	0
107	Role of Physical Activity Energy Expenditure versus Estimated Fitness Level in Impaired Glucose Regulation. Medicine and Science in Sports and Exercise, 2015, 47, 675.	0.2	0
108	Can insulin response patterns predict metabolic disease risk in individuals with normal glucose tolerance? Reply to Crofts CAP, Brookler K, Henderson G [letter]. Diabetologia, 2018, 61, 1234-1235.	2.9	0

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109	Letter to the Editor: "One-Hour Postload Hyperglycemia: Implications for Prediction and Prevention of Type 2 Diabetes" Journal of Clinical Endocrinology and Metabolism, 2019, 104, 674-675.	1.8	0
110	The day-night pattern of colonic contractility is not impaired in type 1 diabetes and distal symmetric polyneuropathy. Chronobiology International, 2021, 38, 801-806.	0.9	0
111	Role of fasting duration and weekday in incretin and glucose regulation. Endocrine Connections, 2021, 10, X2-X3.	0.8	0
112	Response to the Letter: Comment on "Abdominal Fat Distribution and Cardiovascular Risk in Men and Women With Different Levels of Glucose Tolerance" by Scheuer S.H., et al. Journal of Clinical Endocrinology and Metabolism, 2016, 101, L13-L14.	1.8	0
113	The Use and Effectiveness of Selected Alternative Markers for Insulin Sensitivity and Secretion Compared with Gold Standard Markers in Dietary Intervention Studies in Individuals without Diabetes: Results of a Systematic Review. Nutrients, 2022, 14, 2036.	1.7	0