

Kåre I Birkeland

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

7,828
citations

147801
31
h-index

49909
87
g-index

100
all docs

100
docs citations

100
times ranked

8109
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased risk of ischaemic heart disease after kidney donation. Nephrology Dialysis Transplantation, 2022, 37, 928-936.	0.7	10
2	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. Human Molecular Genetics, 2022, 31, 3377-3391.	2.9	47
3	Cost of healthcare utilization associated with incident cardiovascular and renal disease in individuals with type 2 diabetes: A multinational, observational study across 12 countries. Diabetes, Obesity and Metabolism, 2022, 24, 1277-1287.	4.4	15
4	Undiagnosed diabetes: Prevalence and cardiovascular risk profile in a population-based study of 52,856 individuals. The HUNT Study, Norway. Diabetic Medicine, 2022, 39, e14829.	2.3	8
5	Lipid and lipoprotein concentrations during pregnancy and associations with ethnicity. BMC Pregnancy and Childbirth, 2022, 22, 246.	2.4	16
6	Effects of liraglutide vs. lifestyle changes on soluble suppression of tumorigenesis-2 (sST2) and galectin-3 in obese subjects with prediabetes or type 2 diabetes after comparable weight loss. Cardiovascular Diabetology, 2022, 21, 36.	6.8	4
7	Endothelial Dysfunction and 6-Year Risk of Mortality in Kidney Transplant Recipients. Transplantation Direct, 2022, 8, e1262.	1.6	1
8	MO952: Risk Factors of Post Transplantation Diabetes Mellitus After Kidney Transplantation. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
9	Prevalence, outcomes, and cost of chronic kidney disease in a contemporary population of 2.4 million patients from 11 countries: The CaReMe CKD study. Lancet Regional Health - Europe, The, 2022, 20, 100438.	5.6	72
10	Branched-chain amino acid metabolism, insulin sensitivity and liver fat response to exercise training in sedentary dysglycaemic and normoglycaemic men. Diabetologia, 2021, 64, 410-423.	6.3	30
11	Risk factor management of type 2 diabetic patients in primary care in the Scandinavian countries between 2003 and 2015. Primary Care Diabetes, 2021, 15, 262-268.	1.8	9
12	Epigenetic signatures associated with maternal body mass index or gestational weight gain: a systematic review. Journal of Developmental Origins of Health and Disease, 2021, 12, 373-383.	1.4	19
13	Lower cardiorenal risk with <sc>sodium-glucose</sc> cotransporter-2 inhibitors versus dipeptidyl peptidase-4 inhibitors in patients with type 2 diabetes without cardiovascular and renal diseases: A large multinational observational study. Diabetes, Obesity and Metabolism, 2021, 23, 75-85.	4.4	43
14	Effect of inulin-type fructans on appetite in patients with type 2 diabetes: a randomised controlled crossover trial. Journal of Nutritional Science, 2021, 10, e72.	1.9	5
15	Cardiovascular and Renal Disease Burden in Type 1 Compared With Type 2 Diabetes: A Two-Country Nationwide Observational Study. Diabetes Care, 2021, 44, 1211-1218.	8.6	32
16	Pharmacologically treated diabetes and hospitalization among older Norwegians receiving homecare services from 2009 to 2014: a nationwide register study. BMJ Open Diabetes Research and Care, 2021, 9, e002000.	2.8	2
17	Insulin secretion and action after pancreas transplantation. A retrospective single-center study. Scandinavian Journal of Clinical and Laboratory Investigation, 2021, 81, 365-370.	1.2	1
18	Understanding mechanisms behind unwanted health behaviours in Nordic and South Asian women and how they affect their gestational diabetes follow-ups: A qualitative study. Diabetic Medicine, 2021, 38, e14651.	2.3	8

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19	Cohort profile: Epigenetics in Pregnancy (EPIPEG) – population-based sample of European and South Asian pregnant women with epigenome-wide DNA methylation (850k) in peripheral blood leukocytes. PLoS ONE, 2021, 16, e0256158.	2.5	11
20	Intakes of Fish and Long-Chain n-3 Polyunsaturated Fatty Acid Supplements During Pregnancy and Subsequent Risk of Type 2 Diabetes in a Large Prospective Cohort Study of Norwegian Women. Diabetes Care, 2021, 44, 2337-2345.	8.6	4
21	Effects of prebiotics on postprandial GLP-1, GLP-2 and glucose regulation in patients with type 2 diabetes: A randomised, double-blind, placebo-controlled crossover trial. Diabetic Medicine, 2021, 38, e14657.	2.3	8
22	Maternal Glucose and LDL-Cholesterol Levels Are Related to Placental Leptin Gene Methylation, and, Together With Nutritional Factors, Largely Explain a Higher Methylation Level Among Ethnic South Asians. Frontiers in Endocrinology, 2021, 12, 809916.	3.5	7
23	Mendelian randomization study of maternal influences on birthweight and future cardiometabolic risk in the HUNT cohort. Nature Communications, 2020, 11, 5404.	12.8	48
24	Heart failure and chronic kidney disease manifestation and mortality risk associations in type 2 diabetes: A large multinational cohort study. Diabetes, Obesity and Metabolism, 2020, 22, 1607-1618.	4.4	118
25	Some Lessons Learned About Diabetes and COVID-19 During the Early Stage of the Epidemic in Norway. Journal of Diabetes Science and Technology, 2020, 14, 718-719.	2.2	2
26	Risk of cardiovascular events and death associated with initiation of SGLT2 inhibitors compared with DPP-4 inhibitors: an analysis from the CVD-REAL 2 multinational cohort study. Lancet Diabetes and Endocrinology, 2020, 8, 606-615.	11.4	67
27	Substantial inter-individual variations in insulin secretion and sensitivity across the glucometabolic spectrum. Scandinavian Journal of Clinical and Laboratory Investigation, 2020, 80, 282-290.	1.2	7
28	Endothelial function after pancreas transplantation – A single-center observational study. Clinical Transplantation, 2020, 34, e13815.	1.6	0
29	Increased long-term risk for hypertension in kidney donors – a retrospective cohort study. Transplant International, 2020, 33, 536-543.	1.6	18
30	Prebiotic effect of inulin-type fructans on faecal microbiota and short-chain fatty acids in type 2 diabetes: a randomised controlled trial. European Journal of Nutrition, 2020, 59, 3325-3338.	3.9	94
31	High-density lipoprotein function is associated with atherosclerotic burden and cardiovascular outcomes in type 2 diabetes. Atherosclerosis, 2019, 282, 183-187.	0.8	6
32	Long-term risk for kidney donors with hypertension at donation – a retrospective cohort study. Transplant International, 2019, 32, 960-964.	1.6	3
33	Effects of long-term exercise on plasma adipokine levels and inflammation-related gene expression in subcutaneous adipose tissue in sedentary dysglycaemic, overweight men and sedentary normoglycaemic men of healthy weight. Diabetologia, 2019, 62, 1048-1064.	6.3	28
34	Asymptomatic coronary artery disease in a Norwegian cohort with type 2 diabetes: a prospective angiographic study with intravascular ultrasound evaluation. Cardiovascular Diabetology, 2019, 18, 26.	6.8	5
35	Comparison of the associations between non-traditional and traditional indices of adiposity and cardiovascular mortality: an observational study of one million person-years of follow-up. International Journal of Obesity, 2019, 43, 1082-1092.	3.4	13
36	Acute exercise increases syndecan-1 and -4 serum concentrations. Glycoconjugate Journal, 2019, 36, 113-125.	2.7	14

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37	Plasma Sulphur-Containing Amino Acids, Physical Exercise and Insulin Sensitivity in Overweight Dysglycemic and Normal Weight Normoglycemic Men. <i>Nutrients</i> , 2019, 11, 10.	4.1	44
38	The association of basal insulin treatment versus standard care with outcomes in anti- β -GAD positive and negative subjects: A post-hoc analysis of the ORIGIN trial. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 429-433.	4.4	5
39	Response: Are thyroid abnormalities only related to antipsychotic treatment in patients with severe mental disorders?. <i>Journal of Psychiatric Research</i> , 2019, 117, 150.	3.1	0
40	Adipokine levels are associated with insulin resistance in antipsychotics users independently of BMI. <i>Psychoneuroendocrinology</i> , 2019, 103, 87-95.	2.7	20
41	How representative of a general type 2 diabetes population are patients included in cardiovascular outcome trials with SGLT2 inhibitors? A large European observational study. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 968-974.	4.4	66
42	Effects of dietary fat on insulin secretion in subjects with the metabolic syndrome. <i>European Journal of Endocrinology</i> , 2019, 180, 321-328.	3.7	13
43	T229. ANTIPSYCHOTIC DRUG USE AND THYROID FUNCTION IN PATIENTS WITH SEVERE MENTAL DISORDERS. <i>Schizophrenia Bulletin</i> , 2018, 44, S205-S206.	4.3	6
44	Recent gestational diabetes was associated with mothers stopping predominant breastfeeding earlier in a multi-ethnic population. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 1028-1035.	1.5	23
45	Skeletal muscle phosphatidylcholine and phosphatidylethanolamine respond to exercise and influence insulin sensitivity in men. <i>Scientific Reports</i> , 2018, 8, 6531.	3.3	43
46	Cardiovascular Events Associated With SGLT-2 Inhibitors Versus Other Glucose-Lowering Drugs. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2628-2639.	2.8	370
47	Rates of myocardial infarction and stroke in patients initiating treatment with SGLT2 inhibitors versus other glucose-lowering agents in real-world clinical practice: Results from the CVD-REAL study. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1983-1987.	4.4	65
48	Dapagliflozin is associated with lower risk of cardiovascular events and all-cause mortality in people with type 2 diabetes (CVD-REAL Nordic) when compared with dipeptidyl peptidase-4 inhibitor therapy: A multinational observational study. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 344-351.	4.4	164
49	FP737LONG TERM SURVIVAL IN KIDNEY DONORS WITH PRE EXISTING HYPERTENSION. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i294-i294.	0.7	0
50	Evaluation of Hypoglycaemia with Non-Invasive Sensors in People with Type 1 Diabetes and Impaired Awareness of Hypoglycaemia. <i>Scientific Reports</i> , 2018, 8, 14722.	3.3	12
51	Free thyroxine and thyroid-stimulating hormone in severe mental disorders: A naturalistic study with focus on antipsychotic medication. <i>Journal of Psychiatric Research</i> , 2018, 106, 74-81.	3.1	31
52	Different patterns of second-line treatment in type 2 diabetes after metformin monotherapy in Denmark, Finland, Norway and Sweden (D360 Nordic): A multinational observational study. <i>Endocrinology, Diabetes and Metabolism</i> , 2018, 1, e00036.	2.4	24
53	SGLT-2 Inhibitors and Cardiovascular Risk. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2497-2506.	2.8	113
54	Comment on Suissa. Lower Risk of Death With SGLT2 Inhibitors in Observational Studies: Real or Bias? <i>Diabetes Care</i> 2018;41:6-10. <i>Diabetes Care</i> , 2018, 41, e106-e108.	8.6	8

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55	Vitamin D, Gestational Diabetes, and Measures of Glucose Metabolism in a Population-Based Multiethnic Cohort. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-12.	2.3	23
56	Preserved insulin secretion and kidney function in recipients with functional pancreas grafts 1 year after transplantation: a single-center prospective observational study. <i>European Journal of Endocrinology</i> , 2018, 179, 251-259.	3.7	7
57	Decreasing incidence of pharmacologically and non-pharmacologically treated type 2 diabetes in Norway: a nationwide study. <i>Diabetologia</i> , 2018, 61, 2310-2318.	6.3	43
58	Are serum concentrations of vitamin B-12 causally related to cardiometabolic risk factors and disease? A Mendelian randomization study. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 398-404.	4.7	22
59	Genetic determinants of glucose levels in pregnancy: genetic risk scores analysis and GWAS in the Norwegian STORK cohort. <i>European Journal of Endocrinology</i> , 2018, 179, 363-372.	3.7	14
60	MECHANISMS IN ENDOCRINOLOGY: Epigenetic modifications and gestational diabetes: a systematic review of published literature. <i>European Journal of Endocrinology</i> , 2017, 176, R247-R267.	3.7	42
61	Effects of Vitamin D Supplementation on Insulin Sensitivity and Insulin Secretion in Subjects With Type 2 Diabetes and Vitamin D Deficiency: A Randomized Controlled Trial. <i>Diabetes Care</i> , 2017, 40, 872-878.	8.6	74
62	Lower Risk of Heart Failure and Death in Patients Initiated on Sodium-Glucose Cotransporter-2 Inhibitors Versus Other Glucose-Lowering Drugs. <i>Circulation</i> , 2017, 136, 249-259.	1.6	672
63	Bile acid profiles over 5 years after gastric bypass and duodenal switch: results from a randomized clinical trial. <i>Surgery for Obesity and Related Diseases</i> , 2017, 13, 1544-1553.	1.2	47
64	Dual specificity phosphatase 5 and 6 are oppositely regulated in human skeletal muscle by acute exercise. <i>Physiological Reports</i> , 2017, 5, e13459.	1.7	5
65	Hypoxia in Combination With Muscle Contraction Improves Insulin Action and Glucose Metabolism in Human Skeletal Muscle via the HIF-1 α Pathway. <i>Diabetes</i> , 2017, 66, 2800-2807.	0.6	42
66	Cardiovascular mortality and morbidity in patients with type 2 diabetes following initiation of sodium-glucose co-transporter-2 inhibitors versus other glucose-lowering drugs (CVD-REAL Nordic): a multinational observational analysis. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 709-717.	11.4	285
67	Associations between gestational diabetes mellitus and elevated HbA _{1c} early postpartum in a multi-ethnic population. <i>Primary Care Diabetes</i> , 2017, 11, 132-139.	1.8	2
68	Exercise in vivo marks human myotubes in vitro: Training-induced increase in lipid metabolism. <i>PLoS ONE</i> , 2017, 12, e0175441.	2.5	32
69	Fetal growth trajectories in pregnancies of European and South Asian mothers with and without gestational diabetes, a population-based cohort study. <i>PLoS ONE</i> , 2017, 12, e0172946.	2.5	31
70	Effect of energy restriction and physical exercise intervention on phenotypic flexibility as examined by transcriptomics analyses of mRNA from adipose tissue and whole body magnetic resonance imaging. <i>Physiological Reports</i> , 2016, 4, e13019.	1.7	21
71	Vitamin D deficiency and supplementation in pregnancy in a multiethnic population-based cohort. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 7.	2.4	40
72	Gastric bypass surgery has a weight-loss independent effect on post-challenge serum glucose levels. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 69.	2.7	2

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73	Identification of a definite diabetic cardiomyopathy in type 2 diabetes by comprehensive echocardiographic evaluation: A cross-sectional comparison with non-diabetic weight-matched controls. <i>Journal of Diabetes</i> , 2015, 7, 779-790.	1.8	23
74	Ethnic differences in BMI, subcutaneous fat, and serum leptin levels during and after pregnancy and risk of gestational diabetes. <i>European Journal of Endocrinology</i> , 2015, 172, 649-656.	3.7	36
75	Five-Year Outcomes After Laparoscopic Gastric Bypass and Laparoscopic Duodenal Switch in Patients With Body Mass Index of 50 to 60. <i>JAMA Surgery</i> , 2015, 150, 352.	4.3	177
76	Hyperglycaemia in pregnancy: still a lot to learn. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 752-753.	11.4	1
77	Subsarcolemmal lipid droplet responses to a combined endurance and strength exercise intervention. <i>Physiological Reports</i> , 2014, 2, e12187.	1.7	46
78	Regulation of angiopoietin-like protein 4 production during and after exercise. <i>Physiological Reports</i> , 2014, 2, e12109.	1.7	41
79	The Association of Basal Insulin Glargine and/or n-3 Fatty Acids With Incident Cancers in Patients With Dysglycemia. <i>Diabetes Care</i> , 2014, 37, 1360-1366.	8.6	76
80	Neutral impact on systolic and diastolic cardiac function of 2 years of intensified multi-intervention in type 2 diabetes: The randomized controlled Asker and BÅrum Cardiovascular Diabetes (ABCD) study. <i>American Heart Journal</i> , 2014, 168, 280-288.e2.	2.7	14
81	The InnvaDiab-DE-PLAN study: a randomised controlled trial with a culturally adapted education programme improved the risk profile for type 2 diabetes in Pakistani immigrant women. <i>British Journal of Nutrition</i> , 2013, 109, 529-538.	2.3	46
82	Ethnic Differences in Neonatal Body Composition in a Multi-Ethnic Population and the Impact of Parental Factors: A Population-Based Cohort Study. <i>PLoS ONE</i> , 2013, 8, e73058.	2.5	38
83	Insulin Degludec in Type 1 Diabetes: A randomized controlled trial of a new-generation ultra-long-acting insulin compared with insulin glargine. <i>Diabetes Care</i> , 2011, 34, 661-665.	8.6	156
84	Effect of bariatric surgery on sulphur amino acids and glutamate. <i>British Journal of Nutrition</i> , 2011, 106, 432-440.	2.3	24
85	Defining the Role of Repaglinide in the Management of Type 2 Diabetes Mellitus. <i>American Journal of Cardiovascular Drugs</i> , 2007, 7, 319-335.	2.2	36
86	Secondary prevention of macrovascular events in patients with type 2 diabetes in the PROactive Study (PROspective pioglitAzone Clinical Trial In macroVascular Events): a randomised controlled trial. <i>Lancet</i> , 2005, 366, 1279-1289.	13.7	3,840
87	Dose titration of repaglinide in patients with inadequately controlled type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2004, 64, 33-40.	2.8	3
88	Active recovery and post-exercise white blood cell count, free fatty acids, and hormones in endurance athletes. <i>European Journal of Applied Physiology</i> , 2001, 84, 358-366.	2.5	27
89	The Future of Doping Control in Athletes. <i>Sports Medicine</i> , 1999, 28, 25-33.	6.5	22
90	Improving glycaemic control with current therapies. <i>Diabetic Medicine</i> , 1998, 15, S13-S19.	2.3	0

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91	Personality and Endocrine Activation in Military Stress Situations. Military Psychology, 1998, 10, 45-61.	1.1	25