

# KÅ¥re I Birkeland

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

7,828  
citations

147566

31  
h-index

49773

87  
g-index

100  
all docs

100  
docs citations

100  
times ranked

8109  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , The, 2005, 366, 1279-1289.	6.3	3,840
2	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
3	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.	1.2	370
4	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> , the, 2017, 5, 709-717.	5.5	285
5	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.	2.2	177
6	Dapagliflozin is associated with lower risk of cardiovascular events and all-cause mortality in people with type 2 diabetes (<scp>CVD&REAL Nordic</scp>) when compared with dipeptidyl peptidase&4 inhibitor therapy: <scp>A</scp> multinational observational study. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 344-351.	2.2	164
7	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.	4.3	156
8	Heart failure and chronic kidney disease manifestation and mortality risk associations in type 2 diabetes: A large multinational cohort study. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1607-1618.	2.2	118
9	SGLT-2 Inhibitors and Cardiovascular Risk. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2497-2506.	1.2	113
10	Prebiotic effect of inulin-type fructans on faecal microbiota and short-chain fatty acids in type 2 diabetes: a randomised controlled trial. <i>European Journal of Nutrition</i> , 2020, 59, 3325-3338.	1.8	94
11	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.	4.3	76
12	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.	4.3	74
13	Prevalence, outcomes, and cost of chronic kidney disease in a contemporary population of 2&4 million patients from 11 countries: The CaReMe CKD study. <i>Lancet Regional Health - Europe</i> , The, 2022, 20, 100438.	3.0	72
14	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. <i>Lancet Diabetes and Endocrinology</i> , the, 2020, 8, 606-615.	5.5	67
15	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.	2.2	66
16	Rates of myocardial infarction and stroke in patients initiating treatment with <scp>SGLT</scp> inhibitors versus other glucose&lowering agents in real&world clinical practice: <scp>R</scp> results from the <scp>CVD&REAL</scp> study. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1983-1987.	2.2	65
17	Mendelian randomization study of maternal influences on birthweight and future cardiometabolic risk in the HUNT cohort. <i>Nature Communications</i> , 2020, 11, 5404.	5.8	48
18	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.	1.0	47

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19	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. <i>Human Molecular Genetics</i> , 2022, 31, 3377-3391.	1.4	47
20	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.	1.2	46
21	Subsarcolemmal lipid droplet responses to a combined endurance and strength exercise intervention. <i>Physiological Reports</i> , 2014, 2, e12187.	0.7	46
22	Plasma Sulphur-Containing Amino Acids, Physical Exercise and Insulin Sensitivity in Overweight Dysglycemic and Normal Weight Normoglycemic Men. <i>Nutrients</i> , 2019, 11, 10.	1.7	44
23	Skeletal muscle phosphatidylcholine and phosphatidylethanolamine respond to exercise and influence insulin sensitivity in men. <i>Scientific Reports</i> , 2018, 8, 6531.	1.6	43
24	Decreasing incidence of pharmacologically and non-pharmacologically treated type 2 diabetes in Norway: a nationwide study. <i>Diabetologia</i> , 2018, 61, 2310-2318.	2.9	43
25	Lower cardiorenal risk with sodium-glucose cotransporter 2 inhibitors versus dipeptidyl peptidase 4 inhibitors in patients with type 2 diabetes without cardiovascular and renal diseases: A large multinational observational study. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 75-85.	2.2	43
26	MECHANISMS IN ENDOCRINOLOGY: Epigenetic modifications and gestational diabetes: a systematic review of published literature. <i>European Journal of Endocrinology</i> , 2017, 176, R247-R267.	1.9	42
27	Hypoxia in Combination With Muscle Contraction Improves Insulin Action and Glucose Metabolism in Human Skeletal Muscle via the HIF-1 $\alpha$ Pathway. <i>Diabetes</i> , 2017, 66, 2800-2807.	0.3	42
28	Regulation of angiotensin-like protein 4 production during and after exercise. <i>Physiological Reports</i> , 2014, 2, e12109.	0.7	41
29	Vitamin D deficiency and supplementation in pregnancy in a multiethnic population-based cohort. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 7.	0.9	40
30	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.	1.1	38
31	Defining the Role of Repaglinide in the Management of Type 2 Diabetes Mellitus. <i>American Journal of Cardiovascular Drugs</i> , 2007, 7, 319-335.	1.0	36
32	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.	1.9	36
33	Exercise in vivo marks human myotubes in vitro: Training-induced increase in lipid metabolism. <i>PLoS ONE</i> , 2017, 12, e0175441.	1.1	32
34	Cardiovascular and Renal Disease Burden in Type 1 Compared With Type 2 Diabetes: A Two-Country Nationwide Observational Study. <i>Diabetes Care</i> , 2021, 44, 1211-1218.	4.3	32
35	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.	1.5	31
36	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.	1.1	31

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37	Branched-chain amino acid metabolism, insulin sensitivity and liver fat response to exercise training in sedentary dysglycaemic and normoglycaemic men. <i>Diabetologia</i> , 2021, 64, 410-423.	2.9	30
38	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. <i>Diabetologia</i> , 2019, 62, 1048-1064.	2.9	28
39	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.	1.2	27
40	Personality and Endocrine Activation in Military Stress Situations. <i>Military Psychology</i> , 1998, 10, 45-61.	0.7	25
41	Effect of bariatric surgery on sulphur amino acids and glutamate. <i>British Journal of Nutrition</i> , 2011, 106, 432-440.	1.2	24
42	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.	1.0	24
43	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.	0.8	23
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.	0.7	23
45	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.	1.0	23
46	The Future of Doping Control in Athletes. <i>Sports Medicine</i> , 1999, 28, 25-33.	3.1	22
47	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.	2.2	22
48	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.	0.7	21
49	Adipokine levels are associated with insulin resistance in antipsychotics users independently of BMI. <i>Psychoneuroendocrinology</i> , 2019, 103, 87-95.	1.3	20
50	Epigenetic signatures associated with maternal body mass index or gestational weight gain: a systematic review. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 373-383.	0.7	19
51	Increased long-term risk for hypertension in kidney donors – a retrospective cohort study. <i>Transplant International</i> , 2020, 33, 536-543.	0.8	18
52	Lipid and lipoprotein concentrations during pregnancy and associations with ethnicity. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 246.	0.9	16
53	Cost of healthcare utilization associated with incident cardiovascular and renal disease in individuals with type 2 diabetes: A multinational, observational study across 12 countries. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1277-1287.	2.2	15
54	Neutral impact on systolic and diastolic cardiac function of 2 years of intensified multi-intervention in type 2 diabetes: The randomized controlled Asker and Bårdum Cardiovascular Diabetes (ABCD) study. <i>American Heart Journal</i> , 2014, 168, 280-288.e2.	1.2	14

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55	Acute exercise increases syndecan-1 and -4 serum concentrations. <i>Glycoconjugate Journal</i> , 2019, 36, 113-125.	1.4	14
56	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.	1.9	14
57	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. <i>International Journal of Obesity</i> , 2019, 43, 1082-1092.	1.6	13
58	Effects of dietary fat on insulin secretion in subjects with the metabolic syndrome. <i>European Journal of Endocrinology</i> , 2019, 180, 321-328.	1.9	13
59	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.	1.6	12
60	Cohort profile: Epigenetics in Pregnancy (EPIPREG) – population-based sample of European and South Asian pregnant women with epigenome-wide DNA methylation (850k) in peripheral blood leukocytes. <i>PLoS ONE</i> , 2021, 16, e0256158.	1.1	11
61	Increased risk of ischaemic heart disease after kidney donation. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 928-936.	0.4	10
62	Risk factor management of type 2 diabetic patients in primary care in the Scandinavian countries between 2003 and 2015. <i>Primary Care Diabetes</i> , 2021, 15, 262-268.	0.9	9
63	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.	4.3	8
64	Understanding mechanisms behind unwanted health behaviours in Nordic and South Asian women and how they affect their gestational diabetes follow-ups: A qualitative study. <i>Diabetic Medicine</i> , 2021, 38, e14651.	1.2	8
65	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. <i>Diabetic Medicine</i> , 2021, 38, e14657.	1.2	8
66	Undiagnosed diabetes: Prevalence and cardiovascular risk profile in a population-based study of 52,856 individuals. The HUNT Study, Norway. <i>Diabetic Medicine</i> , 2022, 39, e14829.	1.2	8
67	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.	1.9	7
68	Substantial inter-individual variations in insulin secretion and sensitivity across the glucometabolic spectrum. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2020, 80, 282-290.	0.6	7
69	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. <i>Frontiers in Endocrinology</i> , 2021, 12, 809916.	1.5	7
70	T229. ANTIPSYCHOTIC DRUG USE AND THYROID FUNCTION IN PATIENTS WITH SEVERE MENTAL DISORDERS. <i>Schizophrenia Bulletin</i> , 2018, 44, S205-S206.	2.3	6
71	High-density lipoprotein function is associated with atherosclerotic burden and cardiovascular outcomes in type 2 diabetes. <i>Atherosclerosis</i> , 2019, 282, 183-187.	0.4	6
72	Dual specificity phosphatase 5 and 6 are oppositely regulated in human skeletal muscle by acute exercise. <i>Physiological Reports</i> , 2017, 5, e13459.	0.7	5

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73	Asymptomatic coronary artery disease in a Norwegian cohort with type 2 diabetes: a prospective angiographic study with intravascular ultrasound evaluation. <i>Cardiovascular Diabetology</i> , 2019, 18, 26.	2.7	5
74	The association of basal insulin treatment versus standard care with outcomes in anti-IGAD positive and negative subjects: A post-hoc analysis of the ORIGIN trial. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 429-433.	2.2	5
75	Effect of inulin-type fructans on appetite in patients with type 2 diabetes: a randomised controlled crossover trial. <i>Journal of Nutritional Science</i> , 2021, 10, e72.	0.7	5
76	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. <i>Diabetes Care</i> , 2021, 44, 2337-2345.	4.3	4
77	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. <i>Cardiovascular Diabetology</i> , 2022, 21, 36.	2.7	4
78	Dose titration of repaglinide in patients with inadequately controlled type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2004, 64, 33-40.	1.1	3
79	Long-term risk for kidney donors with hypertension at donation – a retrospective cohort study. <i>Transplant International</i> , 2019, 32, 960-964.	0.8	3
80	Gastric bypass surgery has a weight-loss independent effect on post-challenge serum glucose levels. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 69.	1.2	2
81	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.	0.9	2
82	Some Lessons Learned About Diabetes and COVID-19 During the Early Stage of the Epidemic in Norway. <i>Journal of Diabetes Science and Technology</i> , 2020, 14, 718-719.	1.3	2
83	Pharmacologically treated diabetes and hospitalization among older Norwegians receiving homecare services from 2009 to 2014: a nationwide register study. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002000.	1.2	2
84	Hyperglycaemia in pregnancy: still a lot to learn. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 752-753.	5.5	1
85	Insulin secretion and action after pancreas transplantation. A retrospective single-center study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2021, 81, 365-370.	0.6	1
86	Endothelial Dysfunction and 6-Year Risk of Mortality in Kidney Transplant Recipients. <i>Transplantation Direct</i> , 2022, 8, e1262.	0.8	1
87	Improving glycaemic control with current therapies. <i>Diabetic Medicine</i> , 1998, 15, S13-S19.	1.2	0
88	FP737LONG TERM SURVIVAL IN KIDNEY DONORS WITH PRE EXISTING HYPERTENSION. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i294-i294.	0.4	0
89	Response: Are thyroid abnormalities only related to antipsychotic treatment in patients with severe mental disorders?. <i>Journal of Psychiatric Research</i> , 2019, 117, 150.	1.5	0
90	Endothelial function after pancreas transplantation – A single-center observational study. <i>Clinical Transplantation</i> , 2020, 34, e13815.	0.8	0

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91	MO952: Risk Factors of Post Transplantation Diabetes Mellitus After Kidney Transplantation. Nephrology Dialysis Transplantation, 2022, 37, .	0.4	0