

# Allan A Vaag

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

3,117  
citations

201385

27  
h-index

168136

53  
g-index

65  
all docs

65  
docs citations

65  
times ranked

5536  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	13.7	406
2	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	9.4	402
3	Early Differential Defects of Insulin Secretion and Action in 19-Year-Old Caucasian Men Who Had Low Birth Weight. <i>Diabetes</i> , 2002, 51, 1271-1280.	0.3	172
4	Effect of an Intensive Lifestyle Intervention on Glycemic Control in Patients With Type 2 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 637.	3.8	154
5	Gut incretin hormones in identical twins discordant for non-insulin-dependent diabetes mellitus (NIDDM) – evidence for decreased glucagon-like peptide 1 secretion during oral glucose ingestion in NIDDM twins. <i>European Journal of Endocrinology</i> , 1996, 135, 425-432.	1.9	146
6	Total and Regional Fat Distribution is Strongly Influenced by Genetic Factors in Young and Elderly Twins. <i>Obesity</i> , 2005, 13, 2139-2145.	4.0	135
7	Altered Skeletal Muscle Fiber Composition and Size Precede Whole-Body Insulin Resistance in Young Men with Low Birth Weight. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1530-1534.	1.8	122
8	Long-term risk of type 2 diabetes mellitus in relation to BMI and weight change among women with a history of gestational diabetes mellitus: a prospective cohort study. <i>Diabetologia</i> , 2015, 58, 1212-1219.	2.9	102
9	Impact of metformin versus repaglinide on non-glycaemic cardiovascular risk markers related to inflammation and endothelial dysfunction in non-obese patients with type 2 diabetes. <i>European Journal of Endocrinology</i> , 2008, 158, 631-641.	1.9	84
10	Effect of Adjunct Metformin Treatment in Patients with Type-1 Diabetes and Persistent Inadequate Glycaemic Control. A Randomized Study. <i>PLoS ONE</i> , 2008, 3, e3363.	1.1	83
11	Insulin Resistance and Impaired Pancreatic $\beta$ -Cell Function in Adult Offspring of Women With Diabetes in Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 3793-3801.	1.8	83
12	Gestational diabetes and maternal obesity are associated with epigenome-wide methylation changes in children. <i>JCI Insight</i> , 2018, 3, .	2.3	83
13	Prevalence and risk factors of gestational diabetes in Punjab, North India: results from a population screening program. <i>European Journal of Endocrinology</i> , 2015, 173, 257-267.	1.9	75
14	Insulin secretion after short- and long-term low-grade free fatty acid infusion in men with increased risk of developing type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 885-894.	1.5	55
15	Dissociation between Fat-Induced In Vivo Insulin Resistance and Proximal Insulin Signaling in Skeletal Muscle in Men at Risk for Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1301-1311.	1.8	52
16	Childhood body mass index and development of type 2 diabetes throughout adult life – A large-scale danish cohort study. <i>Obesity</i> , 2017, 25, 965-971.	1.5	51
17	36h fasting of young men influences adipose tissue DNA methylation of LEP and ADIPOQ in a birth weight-dependent manner. <i>Clinical Epigenetics</i> , 2017, 9, 40.	1.8	48
18	Gene Expression and DNA Methylation of <i>PPARGC1A</i> in Muscle and Adipose Tissue From Adult Offspring of Women With Diabetes in Pregnancy. <i>Diabetes</i> , 2016, 65, 2900-2910.	0.3	46

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19	Insulin Secretion and Cellular Glucose Metabolism after Prolonged Low-Grade Intralipid Infusion in Young Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2775-2783.	1.8	39
20	Plasma acylcarnitine profiling indicates increased fatty acid oxidation relative to tricarboxylic acid cycle capacity in young, healthy low birth weight men. <i>Physiological Reports</i> , 2016, 4, e12977.	0.7	39
21	Parental smoking during pregnancy and the risk of gestational diabetes in the daughter. <i>International Journal of Epidemiology</i> , 2016, 45, 160-169.	0.9	39
22	Type 2 diabetes remission 1â€%year after an intensive lifestyle intervention: A secondary analysis of a randomized clinical trial. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2257-2266.	2.2	37
23	Diagnosing gestational diabetes mellitus in the Danish National Birth Cohort. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2017, 96, 563-569.	1.3	35
24	Glucoseâ€“fatty acid cycle operates in humans at the levels of both whole body and skeletal muscle during low and high physiological plasma insulin concentrations. <i>European Journal of Endocrinology</i> , 1994, 130, 70-79.	1.9	33
25	Combining insulin with metformin or an insulin secretagogue in non-obese patients with type 2 diabetes: 12 month, randomised, double blind trial. <i>BMJ: British Medical Journal</i> , 2009, 339, b4324-b4324.	2.4	32
26	Normal Secretion and Action of the Gut Incretin Hormones Glucagon-Like Peptide-1 and Glucose-Dependent Insulinotropic Polypeptide in Young Men with Low Birth Weight. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4912-4919.	1.8	31
27	Metabolic response to 36Âhours of fasting in young men born small vs appropriate for gestational age. <i>Diabetologia</i> , 2015, 58, 178-187.	2.9	28
28	Lifestyle Intervention in Pregnant Women With Obesity Impacts Cord Blood DNA Methylation, Which Associates With Body Composition in the Offspring. <i>Diabetes</i> , 2021, 70, 854-866.	0.3	28
29	Impact of metformin versus the prandial insulin secretagogue, repaglinide, on fasting and postprandial glucose and lipid responses in non-obese patients with type 2 diabetes. <i>European Journal of Endocrinology</i> , 2008, 158, 35-46.	1.9	26
30	The influence of early exposure to vitamin D for development of diseases later in life. <i>BMC Public Health</i> , 2013, 13, 515.	1.2	25
31	Dietary Glycemic Index during Pregnancy Is Associated with Biomarkers of the Metabolic Syndrome in Offspring at Age 20 Years. <i>PLoS ONE</i> , 2013, 8, e64887.	1.1	24
32	Head-to-head comparison of intensive lifestyle intervention (U-TURN) versus conventional multifactorial care in patients with type 2 diabetes: protocol and rationale for an assessor-blinded, parallel group and randomised trial. <i>BMJ Open</i> , 2015, 5, e009764.	0.8	23
33	Agreement Between Fasting and Postprandial LDL Cholesterol Measured with 3 Methods in Patients with Type 2 Diabetes Mellitus. <i>Clinical Chemistry</i> , 2011, 57, 298-308.	1.5	20
34	Maternal protein intake in pregnancy and offspring metabolic health at age 9â€“16 y: results from a Danish cohort of gestational diabetes mellitus pregnancies and controls. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 623-636.	2.2	20
35	Gestational and Early Infancy Exposure to Margarine Fortified with Vitamin D through a National Danish Programme and the Risk of Type 1 Diabetes: The D-Tect Study. <i>PLoS ONE</i> , 2015, 10, e0128631.	1.1	20
36	Relationships of Plasma Adiponectin Level and Adiponectin Receptors 1 and 2 Gene Expression to Insulin Sensitivity and Glucose and Fat Metabolism in Monozygotic and Dizygotic Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2835-2839.	1.8	18

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37	Microchimerism of male origin in a cohort of Danish girls. <i>Chimerism</i> , 2015, 6, 65-71.	0.7	18
38	Genetic and Nongenetic Determinants of Skeletal Muscle Glucose Transporter 4 Messenger Ribonucleic Acid Levels and Insulin Action in Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 702-708.	1.8	16
39	Endothelial function after 10 days of bed rest in individuals at risk for type 2 diabetes and cardiovascular disease. <i>Experimental Physiology</i> , 2011, 96, 1000-1009.	0.9	16
40	Criterion validity and reliability of a smartphone delivered sub-maximal fitness test for people with type 2 diabetes. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2016, 8, 31.	0.7	16
41	Effects of an intensive lifestyle intervention on the underlying mechanisms of improved glycaemic control in individuals with type 2 diabetes: a secondary analysis of a randomised clinical trial. <i>Diabetologia</i> , 2020, 63, 2410-2422.	2.9	16
42	Improved glycemic control induced by both metformin and repaglinide is associated with a reduction in blood levels of 3-deoxyglucosone in nonobese patients with type 2 diabetes. <i>European Journal of Endocrinology</i> , 2011, 164, 371-379.	1.9	15
43	Implementation of interval walking training in patients with type 2 diabetes in Denmark: rationale, design, and baseline characteristics. <i>Clinical Epidemiology</i> , 2016, 8, 201.	1.5	14
44	Plasma amino acid levels are elevated in young, healthy low birth weight men exposed to short-term high-fat overfeeding. <i>Physiological Reports</i> , 2016, 4, e13044.	0.7	14
45	Maternal glycemic index and glycemic load in pregnancy and offspring metabolic health in childhood and adolescence—a cohort study of 68,471 mother-offspring dyads from the Danish National Birth Cohort. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1049-1062.	1.3	14
46	Dose-Response Effects of Exercise on Glucose-Lowering Medications for Type 2 Diabetes: A Secondary Analysis of a Randomized Clinical Trial. <i>Mayo Clinic Proceedings</i> , 2020, 95, 488-503.	1.4	14
47	Increased leptin, decreased adiponectin and FGF21 concentrations in adolescent offspring of women with gestational diabetes. <i>European Journal of Endocrinology</i> , 2019, 181, 691-700.	1.9	14
48	Subclinical inflammation during third trimester of pregnancy was not associated with markers of the metabolic syndrome in young adult offspring. <i>Obesity</i> , 2014, 22, 1351-1358.	1.5	13
49	Association between genetic risk variants and glucose intolerance during pregnancy in north Indian women. <i>BMC Medical Genomics</i> , 2018, 11, 64.	0.7	13
50	Intensive Glycemic Control and the Prevention of Cardiovascular Events: Implications of the ACCORD, ADVANCE, and VA Diabetes Trials: A Position Statement of the American Diabetes Association and a Scientific Statement of the American College of Cardiology Foundation and the American Heart Association. <i>Diabetes Care</i> , 2009, 32, e90-e91.	4.3	12
51	Follow-up of Intensive Glucose Control in Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2009, 360, 416-418.	13.9	12
52	Effects of an exercise-based lifestyle intervention on systemic markers of oxidative stress and advanced glycation endproducts in persons with type 2 diabetes: Secondary analysis of a randomised clinical trial. <i>Free Radical Biology and Medicine</i> , 2022, 188, 328-336.	1.3	12
53	Long-term effect of smartphone-delivered Interval Walking Training on physical activity in patients with type 2 diabetes: protocol for a parallel group single-blinded randomised controlled trial. <i>BMJ Open</i> , 2017, 7, e014036.	0.8	11
54	Impact of intensive lifestyle intervention on gut microbiota composition in type 2 diabetes: a post-hoc analysis of a randomized clinical trial. <i>Gut Microbes</i> , 2022, 14, 2005407.	4.3	10

#	ARTICLE	IF	CITATIONS
55	EMPA-REG: Glucose excretion and lipid mobilization “not storage” saves lives. Journal of Diabetes and Its Complications, 2016, 30, 753.	1.2	9
56	Fish Intake in Pregnancy and Offspring Metabolic Parameters at Age 9“16” Does Gestational Diabetes Modify the Risk?. Nutrients, 2018, 10, 1534.	1.7	5
57	Does physical activity during pregnancy adversely influence markers of the metabolic syndrome in adult offspring? A prospective study over two decades. Journal of Epidemiology and Community Health, 2013, 67, 648-654.	2.0	4
58	Letter by Lund et al Regarding Article, “Fasting Compared With Nonfasting Lipids and Apolipoproteins for Predicting Incident Cardiovascular Events”, Circulation, 2009, 119, e384; author reply e385.	1.6	3
59	Plasma ceramide levels are altered in low and normal birth weight men in response to short-term high-fat overfeeding. Scientific Reports, 2018, 8, 3452.	1.6	3
60	Impact of metformin versus the prandial insulin secretagogue, repaglinide, on fasting and postprandial glucose and lipid responses in non-obese patients with type 2 diabetes. European Journal of Endocrinology, 2008, 158, 443-445.	1.9	2
61	Insulin Regimens in Type 2 Diabetes. New England Journal of Medicine, 2010, 362, 959-960.	13.9	2
62	Impact of the TCF7L2 genotype on risk of hypoglycaemia and glucagon secretion during hypoglycaemia. Endocrine Connections, 2016, 5, 53-60.	0.8	2
63	Impact of metformin versus the prandial insulin secretagogue, repaglinide, on fasting and postprandial glucose and lipid responses in non-obese patients with type 2 diabetes. European Journal of Endocrinology, 2011, 165, 831.	1.9	0