

# Allan Vaag

## List of Publications by Year in descending order

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Version: 2024-02-01

157  
papers

14,430  
citations

34016

52  
h-index

20307

116  
g-index

159  
all docs

159  
docs citations

159  
times ranked

20574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Type 2 diabetes classification: a data-driven cluster study of the Danish Centre for Strategic Research in Type 2 Diabetes (DD2) cohort. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002731.	1.2	17
2	Neuronal Dysfunction Is Linked to the Famine-Associated Risk of Proliferative Retinopathy in Patients With Type 2 Diabetes. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
3	Novel Subgroups of Type 2 Diabetes Display Different Epigenetic Patterns That Associate With Future Diabetic Complications. <i>Diabetes Care</i> , 2022, 45, 1621-1630.	4.3	15
4	Early glycaemic changes after initiation of oral antidiabetic medication and risk of major adverse cardiovascular events: results from a large primary care population of patients with type 2 diabetes. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, 486-495.	1.4	3
5	Relationship between insulin sensitivity and gene expression in human skeletal muscle. <i>BMC Endocrine Disorders</i> , 2021, 21, 32.	0.9	6
6	VPS39-deficiency observed in type 2 diabetes impairs muscle stem cell differentiation via altered autophagy and epigenetics. <i>Nature Communications</i> , 2021, 12, 2431.	5.8	20
7	Differential DNA Methylation and Expression of miRNAs in Adipose Tissue From Twin Pairs Discordant for Type 2 Diabetes. <i>Diabetes</i> , 2021, 70, 2402-2418.	0.3	5
8	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
9	Epigenome- and Transcriptome-wide Changes in Muscle Stem Cells from Low Birth Weight Men. <i>Endocrine Research</i> , 2020, 45, 58-71.	0.6	7
10	Epigenetic markers associated with metformin response and intolerance in drug-naïve patients with type 2 diabetes. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	34
11	Nut Consumption and Renal Function Among Women With a History of Gestational Diabetes. , 2020, 30, 415-422.		3
12	Fasting unmasks differential fat and muscle transcriptional regulation of metabolic gene sets in low versus normal birth weight men. <i>EBioMedicine</i> , 2019, 47, 341-351.	2.7	11
13	Prospective study of gestational diabetes and fatty liver scores 9 to 16 years after pregnancy. <i>Journal of Diabetes</i> , 2019, 11, 895-905.	0.8	11
14	Diabetes & Women's Health (DWH) Study: an observational study of long-term health consequences of gestational diabetes, their determinants and underlying mechanisms in the USA and Denmark. <i>BMJ Open</i> , 2019, 9, e025517.	0.8	29
15	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. <i>Diabetes</i> , 2019, 68, 2315-2326.	0.3	77
16	Abdominal fat distribution measured by ultrasound and aerobic fitness in young Danish men born with low and normal birth weight. <i>Obesity Research and Clinical Practice</i> , 2019, 13, 529-532.	0.8	2
17	Associations between ambient air pollution and noise from road traffic with blood pressure and insulin resistance in children from Denmark. <i>Environmental Epidemiology</i> , 2019, 3, e069.	1.4	7
18	ADAMTS9 Regulates Skeletal Muscle Insulin Sensitivity Through Extracellular Matrix Alterations. <i>Diabetes</i> , 2019, 68, 502-514.	0.3	20

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19	Increased expression of microRNA-15a and microRNA-15b in skeletal muscle from adult offspring of women with diabetes in pregnancy. <i>Human Molecular Genetics</i> , 2018, 27, 1763-1771.	1.4	41
20	Danish Centre for Strategic Research in Type 2 Diabetes (DD2) project cohort of newly diagnosed patients with type 2 diabetes: a cohort profile. <i>BMJ Open</i> , 2018, 8, e017273.	0.8	38
21	N1-methylnicotinamide is a signalling molecule produced in skeletal muscle coordinating energy metabolism. <i>Scientific Reports</i> , 2018, 8, 3016.	1.6	42
22	Telomere length is reduced in 9- to 16-year-old girls exposed to gestational diabetes in utero. <i>Diabetologia</i> , 2018, 61, 870-880.	2.9	28
23	Perspectives on diabetes mortality as the result of residual confounding and reverse causality by common disease. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1342-1349.	2.2	4
24	MECHANISMS IN ENDOCRINOLOGY: SGLT2 inhibitors: clinical benefits by restoration of normal diurnal metabolism?. <i>European Journal of Endocrinology</i> , 2018, 178, R113-R125.	1.9	79
25	Escitalopram Ameliorates Hypercortisolemia and Insulin Resistance in Low Birth Weight Men With Limbic Brain Alterations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 115-124.	1.8	10
26	In utero exposure to extra vitamin D from food fortification and the risk of subsequent development of gestational diabetes: the D-tect study. <i>Nutrition Journal</i> , 2018, 17, 100.	1.5	7
27	Genetic variants of gestational diabetes mellitus: a study of 112 SNPs among 8722 women in two independent populations. <i>Diabetologia</i> , 2018, 61, 1758-1768.	2.9	77
28	Gestational Diabetes Mellitus and Renal Function: A Prospective Study With 9- to 16-Year Follow-up After Pregnancy. <i>Diabetes Care</i> , 2018, 41, 1378-1384.	4.3	31
29	Abnormal epigenetic changes during differentiation of human skeletal muscle stem cells from obese subjects. <i>BMC Medicine</i> , 2017, 15, 39.	2.3	51
30	Dysregulation of a novel miR-23b/27b-p53 axis impairs muscle stem cell differentiation of humans with type 2 diabetes. <i>Molecular Metabolism</i> , 2017, 6, 770-779.	3.0	27
31	Differential adipokine DNA methylation and gene expression in subcutaneous adipose tissue from adult offspring of women with diabetes in pregnancy. <i>Clinical Epigenetics</i> , 2017, 9, 37.	1.8	49
32	Complement factors C4 and C3 are down regulated in response to short term overfeeding in healthy young men. <i>Scientific Reports</i> , 2017, 7, 1235.	1.6	2
33	Fetal Hyperglycemia Changes Human Preadipocyte Function in Adult Life. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1141-1150.	1.8	20
34	Ponderal index at birth associates with later risk of gestational diabetes mellitus. <i>Archives of Gynecology and Obstetrics</i> , 2017, 296, 249-256.	0.8	10
35	Adiposity, Dysmetabolic Traits, and Earlier Onset of Female Puberty in Adolescent Offspring of Women With Gestational Diabetes Mellitus: A Clinical Study Within the Danish National Birth Cohort. <i>Diabetes Care</i> , 2017, 40, 1746-1755.	4.3	90
36	Dnmt3a is an epigenetic mediator of adipose insulin resistance. <i>ELife</i> , 2017, 6, .	2.8	97

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37	DNA methylation and gene expression of TXNIP in adult offspring of women with diabetes in pregnancy. PLoS ONE, 2017, 12, e0187038.	1.1	19
38	Glucose-Dependent Insulinotropic Polypeptide Stimulates Osteopontin Expression in the Vasculature via Endothelin-1 and CREB. Diabetes, 2016, 65, 239-254.	0.3	41
39	Metabolic and Transcriptional Changes in Cultured Muscle Stem Cells from Low Birth Weight Subjects. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2254-2264.	1.8	9
40	Association of parental history of type 2 diabetes with age, lifestyle, anthropometric factors, and clinical severity at type 2 diabetes diagnosis: results from the DD2 study. Diabetes/Metabolism Research and Reviews, 2016, 32, 308-315.	1.7	12
41	Effects of biphasic, basal-bolus or basal insulin analogue treatments on carotid intima-media thickness in patients with type 2 diabetes mellitus: the randomised Copenhagen Insulin and Metformin Therapy (CIMT) trial. BMJ Open, 2016, 6, e008377.	0.8	11
42	DNA methylation and gene expression of HIF3A: cross-tissue validation and associations with BMI and insulin resistance. Clinical Epigenetics, 2016, 8, 89.	1.8	35
43	Metformin versus placebo in combination with insulin analogues in patients with type 2 diabetes mellitus—the randomised, blinded Copenhagen Insulin and Metformin Therapy (CIMT) trial. BMJ Open, 2016, 6, e008376.	0.8	30
44	DNA methylation of loci within <i>ABCG1</i> and <i>PHOSPHO1</i> in blood DNA is associated with future type 2 diabetes risk. Epigenetics, 2016, 11, 482-488.	1.3	152
45	Do very small adipocytes in subcutaneous adipose tissue (a proposed risk factor for insulin) Tj ETQq1 1 0.784314 $\frac{1}{20}$ /Overlock 10	2.0	6
46	Epigenetic programming of adipose-derived stem cells in low birthweight individuals. Diabetologia, 2016, 59, 2664-2673.	2.9	36
47	Human adipogenesis is associated with genome-wide DNA methylation and gene-expression changes. Epigenomics, 2016, 8, 1601-1617.	1.0	25
48	Blood-based biomarkers of age-associated epigenetic changes in human islets associate with insulin secretion and diabetes. Nature Communications, 2016, 7, 11089.	5.8	201
49	Endocrine and metabolic diurnal rhythms in young adult men born small vs appropriate for gestational age. European Journal of Endocrinology, 2016, 175, 29-40.	1.9	7
50	Rates of Community-based Antibiotic Prescriptions and Hospital-treated Infections in Individuals With and Without Type 2 Diabetes: A Danish Nationwide Cohort Study, 2004–2012. Clinical Infectious Diseases, 2016, 63, 501-511.	2.9	35
51	Adipose tissue transcriptomics and epigenomics in low birthweight men and controls: role of high-fat overfeeding. Diabetologia, 2016, 59, 799-812.	2.9	64
52	Growth and obesity through the first 7 y of life in association with levels of maternal glycemia during pregnancy: a prospective cohort study. American Journal of Clinical Nutrition, 2016, 103, 794-800.	2.2	74
53	Disproportionately increased 24-h energy expenditure and fat oxidation in young men with low birth weight during a high-fat overfeeding challenge. European Journal of Nutrition, 2016, 55, 2045-2052.	1.8	8
54	A Genome-Wide mQTL Analysis in Human Adipose Tissue Identifies Genetic Variants Associated with DNA Methylation, Gene Expression and Metabolic Traits. PLoS ONE, 2016, 11, e0157776.	1.1	88

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55	Impaired cerebral blood flow and oxygenation during exercise in type 2 diabetic patients. <i>Physiological Reports</i> , 2015, 3, e12430.	0.7	38
56	Sulfonylurea in combination with insulin is associated with increased mortality compared with a combination of insulin and metformin in a retrospective Danish nationwide study. <i>Diabetologia</i> , 2015, 58, 50-58.	2.9	44
57	Impact of age, BMI and HbA1c levels on the genome-wide DNA methylation and mRNA expression patterns in human adipose tissue and identification of epigenetic biomarkers in blood. <i>Human Molecular Genetics</i> , 2015, 24, 3792-813.	1.4	223
58	Metformin in combination with various insulin secretagogues in type 2 diabetes and associated risk of cardiovascular morbidity and mortalityâ€”A retrospective nationwide study. <i>Diabetes Research and Clinical Practice</i> , 2015, 107, 104-112.	1.1	15
59	Glucose tolerance is associated with differential expression of microRNAs in skeletal muscle: results from studies of twins with and without type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 363-373.	2.9	53
60	Genetic versus Non-Genetic Regulation of miR-103, miR-143 and miR-483-3p Expression in Adipose Tissue and Their Metabolic Implicationsâ€”A Twin Study. <i>Genes</i> , 2014, 5, 508-517.	1.0	21
61	<i>CTSH</i> regulates Î²-cell function and disease progression in newly diagnosed type 1 diabetes patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10305-10310.	3.3	81
62	Prepregnancy low-carbohydrate dietary pattern and risk of gestational diabetes mellitus: a prospective cohort study. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1378-1384.	2.2	109
63	Sulfonylurea versus metformin monotherapy in patients with type 2 diabetes: a Cochrane systematic review and meta-analysis of randomized clinical trials and trial sequential analysis. <i>CMAJ Open</i> , 2014, 2, E162-E175.	1.1	73
64	Physical Activity and Sedentary Behaviors Associated With Risk of Progression From Gestational Diabetes Mellitus to Type 2 Diabetes Mellitus. <i>JAMA Internal Medicine</i> , 2014, 174, 1047.	2.6	130
65	Carotid intima-media thickness is reduced 12months after gastric bypass surgery in obese patients with type 2 diabetes or impaired glucose tolerance. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 517-522.	1.2	23
66	Young men with low birthweight exhibit decreased plasticity of genome-wide muscle DNA methylation by high-fat overfeeding. <i>Diabetologia</i> , 2014, 57, 1154-1158.	2.9	67
67	Impaired Leptin Gene Expression and Release in Cultured Preadipocytes Isolated From Individuals Born With Low Birth Weight. <i>Diabetes</i> , 2014, 63, 111-121.	0.3	43
68	Genetic, nongenetic and epigenetic risk determinants in developmental programming of type 2 diabetes. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 1099-1108.	1.3	48
69	Association of heart failure severity with risk of diabetes: a Danish nationwide cohort study. <i>Diabetologia</i> , 2014, 57, 1595-1600.	2.9	37
70	Physical inactivity affects skeletal muscle insulin signaling in a birth weight-dependent manner. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 71-78.	1.2	23
71	Altered DNA Methylation and Differential Expression of Genes Influencing Metabolism and Inflammation in Adipose Tissue From Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 2962-2976.	0.3	326
72	PPARGC1A DNA methylation in subcutaneous adipose tissue in low birth weight subjects â€” impact of 5days of high-fat overfeeding. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 263-271.	1.5	65

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73	Targeting intensive versus conventional glycaemic control for type 1 diabetes mellitus: a systematic review with meta-analyses and trial sequential analyses of randomised clinical trials. <i>BMJ Open</i> , 2014, 4, e004806-e004806.	0.8	21
74	Sulphonylurea monotherapy for patients with type 2 diabetes mellitus. , 2013, , CD009008.		46
75	Link Between GIP and Osteopontin in Adipose Tissue and Insulin Resistance. <i>Diabetes</i> , 2013, 62, 2088-2094.	0.3	75
76	Treating allergic rhinitis with depot-steroid injections increase risk of osteoporosis and diabetes. <i>Respiratory Medicine</i> , 2013, 107, 1852-1858.	1.3	26
77	Effect of birth weight and 12 weeks of exercise training on exercise-induced AMPK signaling in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1379-E1390.	1.8	35
78	Akt2 influences glycogen synthase activity in human skeletal muscle through regulation of NH <sub>2</sub> -terminal (sites 2 + 2a) phosphorylation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E631-E639.	1.8	17
79	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	9.4	293
80	Does DNA Methylation of PPARGC1A Influence Insulin Action in First Degree Relatives of Patients with Type 2 Diabetes?. <i>PLoS ONE</i> , 2013, 8, e58384.	1.1	29
81	Pre- and Early-Postnatal Nutrition Modify Gene and Protein Expressions of Muscle Energy Metabolism Markers and Phospholipid Fatty Acid Composition in a Muscle Type Specific Manner in Sheep. <i>PLoS ONE</i> , 2013, 8, e65452.	1.1	10
82	Carboxylesterase 1 Gene Duplication and mRNA Expression in Adipose Tissue Are Linked to Obesity and Metabolic Function. <i>PLoS ONE</i> , 2013, 8, e56861.	1.1	23
83	Effects of high-fat overfeeding on mitochondrial function, glucose and fat metabolism, and adipokine levels in low-birth-weight subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E43-E51.	1.8	52
84	THERAPY OF ENDOCRINE DISEASE: Insulin initiation in patients with type 2 diabetes mellitus: treatment guidelines, clinical evidence and patterns of use of basal vs premixed insulin analogues. <i>European Journal of Endocrinology</i> , 2012, 166, 159-170.	1.9	60
85	The Triglyceride Content in Skeletal Muscle Is Associated with Hepatic But Not Peripheral Insulin Resistance in Elderly Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4571-4577.	1.8	13
86	Genome-Wide Analysis of DNA Methylation Differences in Muscle and Fat from Monozygotic Twins Discordant for Type 2 Diabetes. <i>PLoS ONE</i> , 2012, 7, e51302.	1.1	171
87	Comparison of a soluble co-formulation of insulin degludec/insulin aspart vs biphasic insulin aspart 30 in type 2 diabetes: a randomised trial. <i>European Journal of Endocrinology</i> , 2012, 167, 287-294.	1.9	49
88	Born with low birth weight in rural Southern India: what are the metabolic consequences 20 years later?. <i>European Journal of Endocrinology</i> , 2012, 166, 647-655.	1.9	45
89	Muscle inflammatory signaling in response to 9 days of physical inactivity in young men with low compared with normal birth weight. <i>European Journal of Endocrinology</i> , 2012, 167, 829-838.	1.9	14
90	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

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91	Impact of short-term high-fat feeding and insulin-stimulated FGF21 levels in subjects with low birth weight and controls. <i>European Journal of Endocrinology</i> , 2012, 167, 49-57.	1.9	43
92	Low Birth Weight in the Pathophysiology of Type 2 Diabetes: A Focus on Metabolic and Epigenetic Aspects. , 2012, , 343-364.		0
93	A Common Variant in TFB1M Is Associated with Reduced Insulin Secretion and Increased Future Risk of Type 2 Diabetes. <i>Cell Metabolism</i> , 2011, 13, 80-91.	7.2	81
94	The expression of myosin heavy chain (MHC) genes in human skeletal muscle is related to metabolic characteristics involved in the pathogenesis of type 2 diabetes. <i>Molecular Genetics and Metabolism</i> , 2011, 103, 275-281.	0.5	16
95	Retinolâ€Binding Protein 4 in Young Men With Low Versus Normal Birth Weight: Physiological Response to Shortâ€Term Overfeeding. <i>Obesity</i> , 2011, 19, 1304-1306.	1.5	3
96	Increased lipolysis but diminished gene expression of lipases in subcutaneous adipose tissue of healthy young males with intrauterine growth retardation. <i>Journal of Applied Physiology</i> , 2011, 111, 1863-1870.	1.2	14
97	Genetic and environmental influences on oxidative damage assessed in elderly Danish twins. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1488-1491.	1.3	29
98	Differential Nongenetic Impact of Birth Weight Versus Third-Trimester Growth Velocity on Glucose Metabolism and Magnetic Resonance Imaging Abdominal Obesity in Young Healthy Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 2835-2843.	1.8	22
99	The<i>FOXO3A</i>rs2802292 G-Allele Associates with Improved Peripheral and Hepatic Insulin Sensitivity and Increased Skeletal Muscle-<i>FOXO3A</i>mRNA Expression in Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E119-E124.	1.8	45
100	Pleiotropic Effects of GIP on Islet Function Involve Osteopontin. <i>Diabetes</i> , 2011, 60, 2424-2433.	0.3	83
101	Impact of Physical Inactivity on Adipose Tissue Low-Grade Inflammation in First-Degree Relatives of Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2011, 34, 2265-2272.	4.3	41
102	Mortality and cardiovascular risk associated with different insulin secretagogues compared with metformin in type 2 diabetes, with or without a previous myocardial infarction: a nationwide study. <i>European Heart Journal</i> , 2011, 32, 1900-1908.	1.0	367
103	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
104	Serum Proteome Pool Changes in Type 2 Diabetic Patients Treated with Anakinra. <i>Clinical Proteomics</i> , 2010, 6, 153-161.	1.1	1
105	Impact of Physical Inactivity on Subcutaneous Adipose Tissue Metabolism in Healthy Young Male Offspring of Patients With Type 2 Diabetes. <i>Diabetes</i> , 2010, 59, 2790-2798.	0.3	26
106	The T-Allele of TCF7L2 rs7903146 Associates With a Reduced Compensation of Insulin Secretion for Insulin Resistance Induced by 9 Days of Bed Rest. <i>Diabetes</i> , 2010, 59, 836-843.	0.3	34
107	Deoxyribonucleic Acid Methylation and Gene Expression of PPARCC1A in Human Muscle Is Influenced by High-Fat Overfeeding in a Birth-Weight-Dependent Manner. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3048-3056.	1.8	172
108	Impact of rs361072 in the Phosphoinositide 3-Kinase p110Î² Gene on Whole-Body Glucose Metabolism and Subunit Protein Expression in Skeletal Muscle. <i>Diabetes</i> , 2010, 59, 1108-1112.	0.3	5

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109	Dissociation between Skeletal Muscle Inhibitor-Î² Kinase/Nuclear Factor-Î² Pathway Activity and Insulin Sensitivity in Nondiabetic Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 414-421.	1.8	11
110	Gene Expression in Skeletal Muscle Biopsies from People with Type 2 Diabetes and Relatives: Differential Regulation of Insulin Signaling Pathways. <i>PLoS ONE</i> , 2009, 4, e6575.	1.1	92
111	Functional Variant Disrupts Insulin Induction of USF1. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 522-529.	5.1	13
112	G-allele of Intronic rs10830963 in <i>MTNR1B</i> Confers Increased Risk of Impaired Fasting Glycemia and Type 2 Diabetes Through an Impaired Glucose-Stimulated Insulin Release. <i>Diabetes</i> , 2009, 58, 1450-1456.	0.3	125
113	Regulation and Function of <i>FTO</i> mRNA Expression in Human Skeletal Muscle and Subcutaneous Adipose Tissue. <i>Diabetes</i> , 2009, 58, 2402-2408.	0.3	94
114	Sustained Effects of Interleukin-1 Receptor Antagonist Treatment in Type 2 Diabetes. <i>Diabetes Care</i> , 2009, 32, 1663-1668.	4.3	347
115	Increased Risk of Type 2 Diabetes in Elderly Twins. <i>Diabetes</i> , 2009, 58, 1350-1355.	0.3	75
116	Age-Dependent Nongenetic Influences of Birth Weight and Adult Body Fat on Insulin Sensitivity in Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2394-2399.	1.8	26
117	Increased Recovery Rates of Phosphocreatine and Inorganic Phosphate after Isometric Contraction in Oxidative Muscle Fibers and Elevated Hepatic Insulin Resistance in Homozygous Carriers of the A-allele of <i>FTO</i> rs9939609. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 596-602.	1.8	28
118	Genetic and metabolic effects on skeletal muscle AMPK in young and older twins. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E956-E964.	1.8	30
119	Impact of 9 Days of Bed Rest on Hepatic and Peripheral Insulin Action, Insulin Secretion, and Whole-Body Lipolysis in Healthy Young Male Offspring of Patients With Type 2 Diabetes. <i>Diabetes</i> , 2009, 58, 2749-2756.	0.3	83
120	Retinol-Binding Protein 4 in Twins. <i>Diabetes</i> , 2009, 58, 54-60.	0.3	58
121	Impact of short-term high-fat feeding on glucose and insulin metabolism in young healthy men. <i>Journal of Physiology</i> , 2009, 587, 2387-2397.	1.3	214
122	Skeletal muscle lipotoxicity in insulin resistance and type 2 diabetes. <i>Journal of Physiology</i> , 2009, 587, 3977-3978.	1.3	18
123	Genetic variant near <i>IRS1</i> is associated with type 2 diabetes, insulin resistance and hyperinsulinemia. <i>Nature Genetics</i> , 2009, 41, 1110-1115.	9.4	418
124	Low birth weight and early weight gain in the metabolic syndrome: Consequences for infant nutrition. <i>International Journal of Gynecology and Obstetrics</i> , 2009, 104, S32-4.	1.0	39
125	Skeletal muscle structural lipids improve during weight-maintenance after a very low calorie dietary intervention. <i>Lipids in Health and Disease</i> , 2009, 8, 34.	1.2	10
126	IL-1 receptor antagonism and muscle gene expression in patients with type 2 diabetes. <i>European Cytokine Network</i> , 2009, 20, 81-87.	1.1	11

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127	Genetic Variation in ATP5O Is Associated with Skeletal Muscle ATP5O mRNA Expression and Glucose Uptake in Young Twins. PLoS ONE, 2009, 4, e4793.	1.1	26
128	Diabetes Patients Requiring Glucose-Lowering Therapy and Nondiabetics With a Prior Myocardial Infarction Carry the Same Cardiovascular Risk. Circulation, 2008, 117, 1945-1954.	1.6	480
129	Molecular correlates for maximal oxygen uptake and type 1 fibers. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E1152-E1159.	1.8	28
130	Mitochondrial Function in Skeletal Muscle Is Normal and Unrelated to Insulin Action in Young Men Born with Low Birth Weight. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3885-3892.	1.8	75
131	Impact of TCF7L2rs7903146 on Insulin Secretion and Action in Young and Elderly Danish Twins. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4013-4019.	1.8	56
132	Altered PI3-Kinase/Akt Signalling in Skeletal Muscle of Young Men with Low Birth Weight. PLoS ONE, 2008, 3, e3738.	1.1	76
133	TXNIP Regulates Peripheral Glucose Metabolism in Humans. PLoS Medicine, 2007, 4, e158.	3.9	435
134	Low Birth Weight and Zygosity Status Is Associated With Defective Muscle Glycogen and Glycogen Synthase Regulation in Elderly Twins. Diabetes, 2007, 56, 2710-2714.	0.3	11
135	The Epigenetic Basis of Twin Discordance in Age-Related Diseases. Pediatric Research, 2007, 61, 38R-42R.	1.1	183
136	Twins in metabolic and diabetes research: what do they tell us?. Current Opinion in Clinical Nutrition and Metabolic Care, 2007, 10, 591-596.	1.3	45
137	Non-obese patients with type 2 diabetes and prediabetic subjects: distinct phenotypes requiring special diabetes treatment and (or) prevention?. Applied Physiology, Nutrition and Metabolism, 2007, 32, 912-920.	0.9	63
138	Interleukin-1 Receptor Antagonist in Type 2 Diabetes Mellitus. New England Journal of Medicine, 2007, 356, 1517-1526.	13.9	1,579
139	Regulation of skeletal muscle PPAR $\gamma$ mRNA expression in twins. Journal of Physiology, 2007, 584, 1011-1017.	1.3	12
140	Desaturation of Skeletal Muscle Structural and Depot Lipids in Obese Individuals during a Very-Low-Calorie Diet Intervention. Obesity, 2007, 15, 117-117.	1.5	20
141	Genetic and epigenetic factors are associated with expression of respiratory chain component NDUF6 in human skeletal muscle. Journal of Clinical Investigation, 2007, 117, 3427-3435.	3.9	168
142	Dietary intervention increases n-3 long-chain polyunsaturated fatty acids in skeletal muscle membrane phospholipids of obese subjects. Implications for insulin sensitivity. Clinical Endocrinology, 2006, 64, 169-178.	1.2	67
143	The Intrauterine Environment as Reflected by Birth Size and Twin and Zygosity Status Influences Insulin Action and Intracellular Glucose Metabolism in an Age- or Time-Dependent Manner. Diabetes, 2006, 55, 1819-1825.	0.3	65
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