Martin Ridderstråle

List of Publications by Year
in descending order

71	19,169	186265	98798
papers	citations	28	67
		h-index	g-index

73	73	73	35929
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PGC-1α-responsive genes involved in oxidative phosphorylation are coordinately downregulated in human diabetes. Nature Genetics, 2003, 34, 267-273.	21.4	8,185
2	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	21.4	2,634
3	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	27.8	1,789
4	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. Nature Genetics, 2009, 41, 25-34.	21.4	1,572
5	Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775.	21.4	1,179
6	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960.	21.4	836
7	TXNIP Regulates Peripheral Glucose Metabolism in Humans. PLoS Medicine, 2007, 4, e158.	8.4	435
8	Comparison of empagliflozin and glimepiride as add-on to metformin in patients with type 2 diabetes: a 104-week randomised, active-controlled, double-blind, phase 3 trial. Lancet Diabetes and Endocrinology,the, 2014, 2, 691-700.	11.4	311
9	Multiple environmental and genetic factors influence skeletal muscle PGC-1α and PGC-1β gene expression in twins. Journal of Clinical Investigation, 2004, 114, 1518-1526.	8.2	251
10	Loss of Function of the Melanocortin 2 Receptor Accessory Protein 2 Is Associated with Mammalian Obesity. Science, 2013, 341, 275-278.	12.6	225
11	Essential role of phosphatidylinositol 3-kinase in insulin-induced activation and phosphorylation of the cGMP-inhibited cAMP phosphodiesterase in rat adipocytes studies using the selective inhibitor wortmannin. FEBS Letters, 1994, 350, 314-318.	2.8	122
12	Genetic dissection of type 2 diabetes. Molecular and Cellular Endocrinology, 2009, 297, 10-17.	3.2	121
13	Growth Hormone Stimulates the Tyrosine Phosphorylation of the Insulin Receptor Substrate-1 and Its Association with Phosphatidylinositol 3-Kinase in Primary Adipocytes. Journal of Biological Chemistry, 1995, 270, 3471-3474.	3.4	119
14	The SLC6A14 gene shows evidence of association with obesity. Journal of Clinical Investigation, 2003, 112, 1762-1772.	8.2	116
15	Variants in the Calpain-10 Gene Predispose to Insulin Resistance and Elevated Free Fatty Acid Levels. Diabetes, 2002, 51, 2658-2664.	0.6	109
16	Differential gene expression in adipose tissue from obese human subjects during weight loss and weight maintenance. American Journal of Clinical Nutrition, 2012, 96, 196-207.	4.7	86
17	Variation in the Adiponutrin Gene Influences Its Expression and Associates With Obesity. Diabetes, 2006, 55, 826-833.	0.6	71
18	Coordinate Changes in Histone Modifications, mRNA Levels, and Metabolite Profiles in Clonal INS-1 832/13 β-Cells Accompany Functional Adaptations to Lipotoxicity. Journal of Biological Chemistry, 2013, 288, 11973-11987.	3.4	66

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19	FOXC2 mRNA Expression and a 5' Untranslated Region Polymorphism of the Gene Are Associated With Insulin Resistance. Diabetes, 2002, 51, 3554-3560.	0.6	61
20	Higher health literacy is associated with better glycemic control in adults with type 1 diabetes: a cohort study among 1399 Danes. BMJ Open Diabetes Research and Care, 2017, 5, e000437.	2.8	50
21	Variation in the Calpain-10 Gene Is Associated with Elevated Triglyceride Levels and Reduced Adipose Tissue Messenger Ribonucleic Acid Expression in Obese Swedish Subjects. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3601-3605.	3.6	49
22	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: rationale and design of the epidemiological studies within the IMI DIRECT Consortium. Diabetologia, 2014, 57, 1132-1142.	6.3	48
23	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. PLoS Medicine, 2020, 17, e1003149.	8.4	47
24	Stratification of type 2 diabetes based on routine clinical markers. Diabetes Research and Clinical Practice, 2018, 141, 275-283.	2.8	41
25	Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study. Cell Reports Medicine, 2022, 3, 100477.	6.5	39
26	Empagliflozin compared with glimepiride in metformin–treated patients with type 2 diabetes: 208–week data from a masked randomized controlled trial. Diabetes, Obesity and Metabolism, 2018, 20, 2768-2777.	4.4	36
27	Rationale, design and baseline characteristics of a 4-year (208-week) phase III trial of empagliflozin, an SGLT2 inhibitor, versus glimepiride as add-on to metformin in patients with type 2 diabetes mellitus with insufficient glycemic control. Cardiovascular Diabetology, 2013, 12, 129.	6.8	33
28	Vitamin D insufficiency over 5 years is associated with increased fracture risk—an observational cohort study of elderly women. Osteoporosis International, 2014, 25, 2767-2775.	3.1	32
29	Genetic and Nongenetic Regulation of CAPN10 mRNA Expression in Skeletal Muscle. Diabetes, 2005, 54, 3015-3020.	0.6	30
30	Genetic Variance in the Adiponutrin Gene Family and Childhood Obesity. PLoS ONE, 2009, 4, e5327.	2.5	28
31	Incidence of Ketoacidosis in the Danish Type 2 Diabetes Population Before and After Introduction of Sodium–Glucose Cotransporter 2 Inhibitors—A Nationwide, Retrospective Cohort Study, 1995–2014. Diabetes Care, 2017, 40, e57-e58.	8.6	26
32	Expression of the transcription factor 7-like 2 gene (TCF7L2) in human adipocytes is down regulated by insulin. Biochemical and Biophysical Research Communications, 2008, 370, 49-52.	2.1	25
33	The visfatin (PBEF1) G-948T gene polymorphism is associated with increased high-density lipoprotein cholesterol in obese subjects. Metabolism: Clinical and Experimental, 2008, 57, 1558-1562.	3.4	22
34	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: descriptive characteristics of the epidemiological studies within the IMI DIRECT Consortium. Diabetologia, 2019, 62, 1601-1615.	6.3	22
35	Vitamin B12 deficiency is associated with cardiovascular autonomic neuropathy in patients with type 2 diabetes. Journal of Diabetes and Its Complications, 2017, 31, 202-208.	2.3	18
36	Signaling Mechanism for the Insulin-like Effects of Growth Hormone - Another Example of a Classical Hormonal Negative Feedback Loop. Current Drug Targets Immune, Endocrine and Metabolic Disorders, 2005, 5, 79-92.	1.8	17

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37	Profiles of Glucose Metabolism in Different Prediabetes Phenotypes, Classified by Fasting Glycemia, 2-Hour OGTT, Glycated Hemoglobin, and 1-Hour OGTT: An IMI DIRECT Study. Diabetes, 2021, 70, 2092-2106.	0.6	17
38	Calpain 10 and type 2 diabetes: are we getting closer to an explanation?. Current Opinion in Clinical Nutrition and Metabolic Care, 2005, 8, 361-366.	2.5	16
39	Type 2 diabetes candidate gene CAPN10: First, but not last. Current Hypertension Reports, 2008, 10, 19-24.	3.5	16
40	Comparison of Adipose Distribution Indices with Gold Standard Body Composition Assessments in the EMPA-REG H2H SU Trial: A Body Composition Sub-Study. Diabetes Therapy, 2015, 6, 635-642.	2.5	16
41	Changes in HbA1c and Weight Following Transition to Continuous Subcutaneous Insulin Infusion Therapy in Adults With Type 1 Diabetes. Journal of Diabetes Science and Technology, 2017, 11, 83-86.	2.2	16
42	Treatment Modality–Dependent Risk of Diabetic Ketoacidosis in Patients with Type 1 Diabetes: Danish Adult Diabetes Database Study. Diabetes Technology and Therapeutics, 2018, 20, 229-234.	4.4	16
43	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. Diabetes Care, 2021, 44, 511-518.	8.6	16
44	A Decision Support Tool for Appropriate Glucose-Lowering Therapy in Patients with Type 2 Diabetes. Diabetes Technology and Therapeutics, 2015, 17, 194-202.	4.4	15
45	Impact of a multifactorial treatment programme on clinical outcomes and cardiovascular risk estimates: a retrospective cohort study from a specialised diabetes centre in Denmark. BMJ Open, 2018, 8, e019214.	1.9	15
46	The *FOXC2 C−512T* Polymorphism Is Associated with Obesity and Dyslipidemia. Obesity, 2004, 12, 1738-1743.	4.0	14
47	Interaction between *PPARG* Pro12Ala and *ADIPOQ* G276T concerning cholesterol levels in childhood obesity. Pediatric Obesity, 2009, 4, 119-125.	3.2	14
48	Cost-effectiveness of insulin detemir compared with NPH insulin in people with type 2 diabetes in Denmark, Finland, Norway, and Sweden. Journal of Medical Economics, 2013, 16, 468-478.	2.1	13
49	Changes in glucose-elicited blood metabolite responses following weight loss and long term weight maintenance in obese individuals with impaired glucose tolerance. Diabetes Research and Clinical Practice, 2016, 113, 187-197.	2.8	13
50	Regulation of skeletal muscle *PPAR*δ mRNA expression in twins. Journal of Physiology, 2007, 584, 1011-1017.	2.9	12
51	Variation in the MC4R Gene Is Associated with Bone Phenotypes in Elderly Swedish Women. PLoS ONE, 2014, 9, e88565.	2.5	12
52	The P2Y13 Met-158-Thr Polymorphism, Which Is in Linkage Disequilibrium with the P2Y12 Locus, Is Not Associated with Acute Myocardial Infarction. PLoS ONE, 2008, 3, e1462.	2.5	10
53	Association Between Hypovitaminosis D in Elderly Women and Long–and Short–Term Mortality—Results from the Osteoporotic Prospective Risk Assessment Cohort. Journal of the American Geriatrics Society, 2016, 64, 990-997.	2.6	10
54	Effect of Oral Pre-Meal Administration of Betaglucans on Glycaemic Control and Variability in Subjects with Type 1 Diabetes. Nutrients, 2017, 9, 1004.	4.1	9

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55	Differential phosphorylation of Janus kinase 2, Stat5A and Stat5B in response to growth hormone in primary rat adipocytes. Molecular and Cellular Endocrinology, 2001, 183, 49-54.	3.2	8
56	Thyrostimulin (a TSH-like Hormone) Expression in Orbital and Thyroid Tissue. Thyroid, 2007, 17, 113-118.	4.5	8
57	Whole blood co-expression modules associate with metabolic traits and type 2 diabetes: an IMI-DIRECT study. Genome Medicine, 2020, 12, 109.	8.2	8
58	Longitudinal Assessment of PTH in Community-Dwelling Older Women—Elevations Are Not Associated With Mortality. Journal of the Endocrine Society, 2017, 1, 615-624.	0.2	7
59	Using metabolite profiling to construct and validate a metabolite risk score for predicting future weight gain. PLoS ONE, 2019, 14, e0222445.	2.5	7
60	Post-load glucose subgroups and associated metabolic traits in individuals with type 2 diabetes: An IMI-DIRECT study. PLoS ONE, 2020, 15, e0242360.	2.5	7
61	Comparison Between Individually and Group-Based Insulin Pump Initiation by Time-Driven Activity-Based Costing. Journal of Diabetes Science and Technology, 2017, 11, 759-765.	2.2	6
62	Genome-Wide Association Analysis of Pancreatic Beta-Cell Glucose Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 80-90.	3.6	5
63	The challenge of living with diabetes in women and younger adults: A structural equation model. Primary Care Diabetes, 2017, 11, 467-473.	1.8	4
64	Psychosocial factors and glycemic control in insulin-naïve and insulin-experienced people with type 2 diabetes: a path analysis model. International Journal of Diabetes in Developing Countries, 2018, 38, 289-297.	0.8	3
65	Six-Year Follow-Up After Insulin Pump Initiation: HbA1c Is Significantly Reduced Without Weight Gain. Journal of Diabetes Science and Technology, 2018, 12, 535-536.	2.2	3
66	The Acute Insulin-like Effects of Growth Hormone in Primary Adipocyte-signaling Mechanisms. Annals of the New York Academy of Sciences, 1995, 766, 469-471.	3.8	1
67	Title is missing!. , 2020, 17, e1003149.		0
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