

# Heikki Allan Koistinen

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

4,408  
citations

236925

25  
h-index

315739

38  
g-index

41  
all docs

41  
docs citations

41  
times ranked

9562  
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	27.8	952
2	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	21.4	470
3	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
4	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
5	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
6	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.	27.8	248
7	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
8	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.	12.8	147
9	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	6.2	123
10	The genetic regulatory signature of type 2 diabetes in human skeletal muscle. <i>Nature Communications</i> , 2016, 7, 11764.	12.8	114
11	Integrative analysis of gene expression, DNA methylation, physiological traits, and genetic variation in human skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10883-10888.	7.1	114
12	Insulin-independent glucose transport regulates insulin sensitivity. <i>FEBS Letters</i> , 1998, 436, 301-303.	2.8	99
13	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020, 52, 1314-1332.	21.4	91
14	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	12.8	87
15	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	3.4	85
16	Fatty acid transport protein-1 mRNA expression in skeletal muscle and in adipose tissue in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E1072-E1079.	3.5	81
17	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies <i>BCL2</i> and <i>FAM19A2</i> as Novel Insulin Sensitivity Loci. <i>Diabetes</i> , 2016, 65, 3200-3211.	0.6	67
18	The transcription factor Prox1 is essential for satellite cell differentiation and muscle fibre-type regulation. <i>Nature Communications</i> , 2016, 7, 13124.	12.8	62

#	ARTICLE	IF	CITATIONS
19	A Strategy for Discovery of Endocrine Interactions with Application to Whole-Body Metabolism. <i>Cell Metabolism</i> , 2018, 27, 1138-1155.e6.	16.2	58
20	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , 2021, 12, 3505.	12.8	49
21	Dyslipidemia and a reversible decrease in insulin sensitivity induced by therapy with 13-cis-retinoic acid. <i>Diabetes/Metabolism Research and Reviews</i> , 2001, 17, 391-395.	4.0	46
22	A Partial Loss-of-Function Variant in <i>AKT2</i> Is Associated With Reduced Insulin-Mediated Glucose Uptake in Multiple Insulin-Sensitive Tissues: A Genotype-Based Callback Positron Emission Tomography Study. <i>Diabetes</i> , 2018, 67, 334-342.	0.6	37
23	Changes in Leptin Concentration during the Early Postnatal Period: Adjustment to Extrauterine Life?. <i>Pediatric Research</i> , 1999, 45, 197-201.	2.3	36
24	The effects of acute hyperinsulinemia on bone metabolism. <i>Endocrine Connections</i> , 2015, 4, 155-162.	1.9	32
25	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	5.3	31
26	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019, 28, 2615-2633.	2.9	31
27	Is brain uptake of leptin in vivo saturable and reduced by fasting?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998, 25, 607-612.	6.4	27
28	Rare coding variants in 35 genes associate with circulating lipid levels—A multi-ancestry analysis of 170,000 exomes. <i>American Journal of Human Genetics</i> , 2022, 109, 81-96.	6.2	24
29	Subcutaneous adipose tissue expression of plasminogen activator inhibitor-1 (PAI-1) in nondiabetic and Type 2 diabetic subjects. <i>Diabetes/Metabolism Research and Reviews</i> , 2000, 16, 364-369.	4.0	20
30	Skeletal muscle proteomes reveal downregulation of mitochondrial proteins in transition from prediabetes into type 2 diabetes. <i>IScience</i> , 2021, 24, 102712.	4.1	20
31	Interactions between genetic variation and cellular environment in skeletal muscle gene expression. <i>PLoS ONE</i> , 2018, 13, e0195788.	2.5	18
32	ACE2 expression in adipose tissue is associated with cardio-metabolic risk factors and cell type composition—implications for COVID-19. <i>International Journal of Obesity</i> , 2022, 46, 1478-1486.	3.4	18
33	Urocortin 3 overexpression reduces ER stress and heat shock response in 3T3-L1 adipocytes. <i>Scientific Reports</i> , 2021, 11, 15666.	3.3	8
34	Simvastatin profoundly impairs energy metabolism in primary human muscle cells. <i>Endocrine Connections</i> , 2020, 9, 1103-1113.	1.9	5
35	Circulating levels of urocortin neuropeptides are impaired in children with overweight. <i>Obesity</i> , 2022, 30, 472-481.	3.0	3
36	Simvastatin profoundly impairs energy metabolism in primary human muscle cells. <i>Endocrine Connections</i> , 2020, 9, 1103-1113.	1.9	0