

Ingrid Dahlman

List of Publications by Year in descending order

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94
papers

5,019
citations

87843

38
h-index

98753

67
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97
docs citations

97
times ranked

9232
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of n-6 PUFAs compared with SFAs on liver fat, lipoproteins, and inflammation in abdominal obesity: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1003-1012.	2.2	391
2	Overfeeding Polyunsaturated and Saturated Fat Causes Distinct Effects on Liver and Visceral Fat Accumulation in Humans. <i>Diabetes</i> , 2014, 63, 2356-2368.	0.3	306
3	Adipose Tissue MicroRNAs as Regulators of CCL2 Production in Human Obesity. <i>Diabetes</i> , 2012, 61, 1986-1993.	0.3	263
4	A Unique Role of Monocyte Chemoattractant Protein 1 among Chemokines in Adipose Tissue of Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5834-5840.	1.8	183
5	A Human-Specific Role of Cell Death-Inducing DFFA (DNA Fragmentation Factor- \hat{A})-Like Effector A (CIDEA) in Adipocyte Lipolysis and Obesity. <i>Diabetes</i> , 2005, 54, 1726-1734.	0.3	168
6	Downregulation of Electron Transport Chain Genes in Visceral Adipose Tissue in Type 2 Diabetes Independent of Obesity and Possibly Involving Tumor Necrosis Factor- \hat{A} . <i>Diabetes</i> , 2006, 55, 1792-1799.	0.3	162
7	Regulatory variants at KLF14 influence type 2 diabetes risk via a female-specific effect on adipocyte size and body composition. <i>Nature Genetics</i> , 2018, 50, 572-580.	9.4	143
8	Changes in adipose tissue gene expression with energy-restricted diets in obese women ^{1&#x2014;4} . <i>American Journal of Clinical Nutrition</i> , 2005, 81, 1275-1285.	2.2	142
9	Impact of polyunsaturated and saturated fat overfeeding on the DNA-methylation pattern in human adipose tissue: a randomized controlled trial ^{1&#x2014;3} . <i>American Journal of Clinical Nutrition</i> , 2017, 105, 991-1000.	2.2	127
10	Adipose tissue pathways involved in weight loss of cancer cachexia. <i>British Journal of Cancer</i> , 2010, 102, 1541-1548.	2.9	114
11	Leveraging Cross-Species Transcription Factor Binding Site Patterns: From Diabetes Risk Loci to Disease Mechanisms. <i>Cell</i> , 2014, 156, 343-358.	13.5	113
12	Potential role of milk fat globule membrane in modulating plasma lipoproteins, gene expression, and cholesterol metabolism in humans: a randomized study. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 20-30.	2.2	110
13	An AMP-activated protein kinase ² -stabilizing peptide ameliorates adipose tissue wasting in cancer cachexia in mice. <i>Nature Medicine</i> , 2016, 22, 1120-1130.	15.2	106
14	Functional annotation of the human fat cell secretome. <i>Archives of Physiology and Biochemistry</i> , 2012, 118, 84-91.	1.0	96
15	Weight Gain and Impaired Glucose Metabolism in Women Are Predicted by Inefficient Subcutaneous Fat Cell Lipolysis. <i>Cell Metabolism</i> , 2018, 28, 45-54.e3.	7.2	95
16	Early B Cell Factor 1 Regulates Adipocyte Morphology and Lipolysis in White Adipose Tissue. <i>Cell Metabolism</i> , 2014, 19, 981-992.	7.2	90
17	Genome wide association study identifies KCNMA1 contributing to human obesity. <i>BMC Medical Genomics</i> , 2011, 4, 51.	0.7	87
18	The fat cell epigenetic signature in post-obese women is characterized by global hypomethylation and differential DNA methylation of adipogenesis genes. <i>International Journal of Obesity</i> , 2015, 39, 910-919.	1.6	85

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19	Changes in Subcutaneous Fat Cell Volume and Insulin Sensitivity After Weight Loss. <i>Diabetes Care</i> , 2014, 37, 1831-1836.	4.3	84
20	Quantitative trait loci disposing for both experimental arthritis and encephalomyelitis in the DA rat; impact on severity of myelin oligodendrocyte glycoprotein-induced experimental autoimmune encephalomyelitis and antibody isotype pattern. <i>European Journal of Immunology</i> , 1998, 28, 2188-2196.	1.6	67
21	Liver X Receptor (LXR) Regulates Human Adipocyte Lipolysis. <i>Journal of Biological Chemistry</i> , 2011, 286, 370-379.	1.6	65
22	Adipose tissue transcriptomics and epigenomics in low birthweight men and controls: role of high-fat overfeeding. <i>Diabetologia</i> , 2016, 59, 799-812.	2.9	64
23	Linkage Analysis of Myelin Oligodendrocyte Glycoprotein-Induced Experimental Autoimmune Encephalomyelitis in the Rat Identifies a Locus Controlling Demyelination on Chromosome 18. <i>Human Molecular Genetics</i> , 1999, 8, 2183-2190.	1.4	62
24	?2-Heremans?Schmid glycoprotein gene polymorphisms are associated with adipocyte insulin action. <i>Diabetologia</i> , 2004, 47, 1974-1979.	2.9	62
25	The epigenetic signature of systemic insulin resistance in obese women. <i>Diabetologia</i> , 2016, 59, 2393-2405.	2.9	62
26	Plexin D1 determines body fat distribution by regulating the type V collagen microenvironment in visceral adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4363-4368.	3.3	61
27	Long Non-Coding RNAs Associated with Metabolic Traits in Human White Adipose Tissue. <i>EBioMedicine</i> , 2018, 30, 248-260.	2.7	61
28	MicroRNA profiling links miR-378 to enhanced adipocyte lipolysis in human cancer cachexia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E267-E274.	1.8	57
29	LXR is a negative regulator of glucose uptake in human adipocytes. <i>Diabetologia</i> , 2013, 56, 2044-2054.	2.9	54
30	The epigenetic signature of subcutaneous fat cells is linked to altered expression of genes implicated in lipid metabolism in obese women. <i>Clinical Epigenetics</i> , 2015, 7, 93.	1.8	54
31	Liver X receptor gene polymorphisms and adipose tissue expression levels in obesity. <i>Pharmacogenetics and Genomics</i> , 2006, 16, 881-889.	0.7	53
32	Candidate gene analysis and exome sequencing confirm LBX1 as a susceptibility gene for idiopathic scoliosis. <i>Spine Journal</i> , 2015, 15, 2239-2246.	0.6	53
33	Obesity and polymorphisms in genes regulating human adipose tissue. <i>International Journal of Obesity</i> , 2007, 31, 1629-1641.	1.6	52
34	Genome-wide linkage analysis of chronic relapsing experimental autoimmune encephalomyelitis in the rat identifies a major susceptibility locus on chromosome 9. <i>Journal of Immunology</i> , 1999, 162, 2581-8.	0.4	52
35	The CIDEA Gene V115F Polymorphism Is Associated With Obesity in Swedish Subjects. <i>Diabetes</i> , 2005, 54, 3032-3034.	0.3	51
36	MicroRNA-193b Controls Adiponectin Production in Human White Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1084-E1088.	1.8	51

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37	Numerous Genes in Loci Associated With Body Fat Distribution Are Linked to Adipose Function. <i>Diabetes</i> , 2016, 65, 433-437.	0.3	50
38	Age-Induced Reduction in Human Lipolysis: A Potential Role for Adipocyte Noradrenaline Degradation. <i>Cell Metabolism</i> , 2020, 32, 1-3.	7.2	42
39	Î²1-Adrenoceptor gene polymorphism predicts long-term changes in body weight. <i>International Journal of Obesity</i> , 2005, 29, 458-462.	1.6	40
40	Relationship between Î²-2 adrenoceptor gene haplotypes and adipocyte lipolysis in women. <i>International Journal of Obesity</i> , 2004, 28, 185-190.	1.6	38
41	Mesoderm-specific transcript (MEST) is a negative regulator of human adipocyte differentiation. <i>International Journal of Obesity</i> , 2015, 39, 1733-1741.	1.6	38
42	The Adipose Transcriptional Response to Insulin Is Determined by Obesity, Not Insulin Sensitivity. <i>Cell Reports</i> , 2016, 16, 2317-2326.	2.9	35
43	Semaphorin 3C is a novel adipokine linked to extracellular matrix composition. <i>Diabetologia</i> , 2013, 56, 1792-1801.	2.9	33
44	The effect of different sources of fish and camelina sativa oil on immune cell and adipose tissue mRNA expression in subjects with abnormal fasting glucose metabolism: a randomized controlled trial. <i>Nutrition and Diabetes</i> , 2019, 9, 1.	1.5	33
45	Adipose and Circulating CCL18 Levels Associate With Metabolic Risk Factors in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4021-4029.	1.8	32
46	Estrogen receptor alpha gene variants associate with type 2 diabetes and fasting plasma glucose. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 967-975.	0.7	31
47	Linkage analysis in multiple sclerosis of chromosomal regions syntenic to experimental autoimmune disease loci. <i>European Journal of Human Genetics</i> , 2001, 9, 458-463.	1.4	30
48	Apolipoprotein M: a novel adipokine decreasing with obesity and upregulated by calorie restriction. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1499-1510.	2.2	30
49	Congenic mapping confirms a locus on rat chromosome 10 conferring strong protection against myelin oligodendrocyte glycoprotein-induced experimental autoimmune encephalomyelitis. <i>Immunogenetics</i> , 2001, 53, 410-415.	1.2	29
50	Expression of FBN1 during adipogenesis: Relevance to the lipodystrophy phenotype in Marfan syndrome and related conditions. <i>Molecular Genetics and Metabolism</i> , 2016, 119, 174-185.	0.5	29
51	Comprehensive functional screening of miRNAs involved in fat cell insulin sensitivity among women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E482-E494.	1.8	29
52	Adipocyte Expression of SLC19A1 Links DNA Hypermethylation to Adipose Tissue Inflammation and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 710-721.	1.8	29
53	Depot-specific differences in fatty acid composition and distinct associations with lipogenic gene expression in abdominal adipose tissue of obese women. <i>International Journal of Obesity</i> , 2017, 41, 1295-1298.	1.6	26
54	Thyroid-Stimulating Hormone, Degree of Obesity, and Metabolic Risk Markers in a Cohort of Swedish Children with Obesity. <i>Hormone Research in Paediatrics</i> , 2017, 88, 140-146.	0.8	26

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55	Global transcriptome profiling identifies KLF15 and SLC25A10 as modifiers of adipocytes insulin sensitivity in obese women. <i>PLoS ONE</i> , 2017, 12, e0178485.	1.1	26
56	Circulating Carnosine Dipeptidase 1 Associates with Weight Loss and Poor Prognosis in Gastrointestinal Cancer. <i>PLoS ONE</i> , 2015, 10, e0123566.	1.1	25
57	Functional and genetic analysis in type 2 diabetes of Liver X receptor alleles – a cohort study. <i>BMC Medical Genetics</i> , 2009, 10, 27.	2.1	24
58	FAM13A and POM121C are candidate genes for fasting insulin: functional follow-up analysis of a genome-wide association study. <i>Diabetologia</i> , 2018, 61, 1112-1123.	2.9	24
59	Screening of potential adipokines identifies S100A4 as a marker of pernicious adipose tissue and insulin resistance. <i>International Journal of Obesity</i> , 2018, 42, 2047-2056.	1.6	24
60	Epigenetic regulation of diabetogenic adipose morphology. <i>Molecular Metabolism</i> , 2019, 25, 159-167.	3.0	24
61	Saturated fatty acids in human visceral adipose tissue are associated with increased 11- β -hydroxysteroid-dehydrogenase type 1 expression. <i>Lipids in Health and Disease</i> , 2015, 14, 42.	1.2	23
62	MicroRNA-196a links human body fat distribution to adipose tissue extracellular matrix composition. <i>EBioMedicine</i> , 2019, 44, 467-475.	2.7	22
63	Exome sequencing followed by genotyping suggests SYPL2 as a susceptibility gene for morbid obesity. <i>European Journal of Human Genetics</i> , 2015, 23, 1216-1222.	1.4	21
64	Insulin action is severely impaired in adipocytes of apparently healthy overweight and obese subjects. <i>Journal of Internal Medicine</i> , 2019, 285, 578-588.	2.7	21
65	A Common Haplotype in the G-Protein–Coupled Receptor Gene GPR74 Is Associated with Leanness and Increased Lipolysis. <i>American Journal of Human Genetics</i> , 2007, 80, 1115-1124.	2.6	20
66	Effects of a healthy Nordic diet on gene expression changes in peripheral blood mononuclear cells in response to an oral glucose tolerance test in subjects with metabolic syndrome: a SYSDIET sub-study. <i>Genes and Nutrition</i> , 2016, 11, 3.	1.2	20
67	Long-term changes in adipose tissue gene expression following bariatric surgery. <i>Journal of Internal Medicine</i> , 2020, 288, 219-233.	2.7	20
68	Effects of Genetic Loci Associated with Central Obesity on Adipocyte Lipolysis. <i>PLoS ONE</i> , 2016, 11, e0153990.	1.1	19
69	Epigenetic Regulation of PLIN 1 in Obese Women and its Relation to Lipolysis. <i>Scientific Reports</i> , 2017, 7, 10152.	1.6	19
70	Genetics of Adipose Tissue Biology. <i>Progress in Molecular Biology and Translational Science</i> , 2010, 94, 39-74.	0.9	18
71	Improved metabolism and body composition beyond normal levels following gastric bypass surgery: a longitudinal study. <i>Journal of Internal Medicine</i> , 2019, 285, 92-101.	2.7	18
72	Low Bone Mineral Density and Risk for Osteoporotic Fractures in Patients with Chronic Pancreatitis. <i>Nutrients</i> , 2021, 13, 2386.	1.7	17

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73	Whole-Exome Sequencing Suggests <i>LAMB3</i> as a Susceptibility Gene for Morbid Obesity. <i>Diabetes</i> , 2016, 65, 2980-2989.	0.3	16
74	Family history of diabetes is associated with enhanced adipose lipolysis: Evidence for the implication of epigenetic factors. <i>Diabetes and Metabolism</i> , 2018, 44, 155-159.	1.4	16
75	An Isocaloric Nordic Diet Modulates <i>RELA</i> and <i>TNFRSF1A</i> Gene Expression in Peripheral Blood Mononuclear Cells in Individuals with Metabolic Syndrome—A SYSDIET Sub-Study. <i>Nutrients</i> , 2019, 11, 2932.	1.7	16
76	Allograft inflammatory factor 1 (AIF-1) is a new human adipokine involved in adipose inflammation in obese women. <i>BMC Endocrine Disorders</i> , 2013, 13, 54.	0.9	13
77	LRIG proteins regulate lipid metabolism via BMP signaling and affect the risk of type 2 diabetes. <i>Communications Biology</i> , 2021, 4, 90.	2.0	12
78	Genome-wide association study of adipocyte lipolysis in the GENetics of adipocyte lipolysis (GENiAL) cohort. <i>Molecular Metabolism</i> , 2020, 34, 85-96.	3.0	11
79	The long noncoding RNA ADIPINT regulates human adipocyte metabolism via pyruvate carboxylase. <i>Nature Communications</i> , 2022, 13, .	5.8	11
80	Polygenic control of autoimmune peripheral nerve inflammation in rat. <i>Journal of Neuroimmunology</i> , 2001, 119, 166-174.	1.1	10
81	Healthy Nordic Diet Modulates the Expression of Genes Related to Mitochondrial Function and Immune Response in Peripheral Blood Mononuclear Cells from Subjects with Metabolic Syndrome—A SYSDIET Sub-Study. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801405.	1.5	10
82	Prospective analyses of white adipose tissue gene expression in relation to long-term body weight changes. <i>International Journal of Obesity</i> , 2020, 44, 377-387.	1.6	9
83	Adipose-specific inactivation of thyroid stimulating hormone receptors in mice modifies body weight, temperature and gene expression in adipocytes. <i>Physiological Reports</i> , 2020, 8, e14538.	0.7	9
84	Allele-specific quantitative proteomics unravels molecular mechanisms modulated by cis-regulatory <i>PPARG</i> locus variation. <i>Nucleic Acids Research</i> , 2017, 45, 3266-3279.	6.5	8
85	Evaluation of the Genetic Association Between Adult Obesity and Neuropsychiatric Disease. <i>Diabetes</i> , 2019, 68, 2235-2246.	0.3	7
86	Genome-Wide Association Study of Diabetogenic Adipose Morphology in the GENetics of Adipocyte Lipolysis (GENiAL) Cohort. <i>Cells</i> , 2020, 9, 1085.	1.8	7
87	A Common β -Adrenoceptor Gene Haplotype Protects against Obesity in Swedish Women. <i>Obesity</i> , 2005, 13, 1645-1650.	4.0	6
88	Vitamin D status and bone health in immigrant versus Swedish women during pregnancy and the post-partum period. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2013, 13, 464-9.	0.1	6
89	Datasets of genes coexpressed with <i>FBN1</i> in mouse adipose tissue and during human adipogenesis. <i>Data in Brief</i> , 2016, 8, 851-857.	0.5	3
90	Shared genetic loci for body fat storage and adipocyte lipolysis in humans. <i>Scientific Reports</i> , 2022, 12, 3666.	1.6	3

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91	Exocrine and Endocrine Insufficiency in Autoimmune Pancreatitis: A Matter of Treatment or Time?. Journal of Clinical Medicine, 2022, 11, 3724.	1.0	3
92	Comment on the article "A saturated fatty acid-rich diet induces an obesity-linked proinflammatory gene expression profile in adipose tissue of subjects at risk of metabolic syndrome". American Journal of Clinical Nutrition, 2011, 93, 668-669.	2.2	1
93	Quantitative trait loci disposing for both experimental arthritis and encephalomyelitis in the DA rat; impact on severity of myelin oligodendrocyte glycoprotein-induced experimental autoimmune encephalomyelitis and antibody isotype pattern. European Journal of Immunology, 1998, 28, 2188-2196.	1.6	1
94	Long-term improvement of adipocyte insulin action during body weight relapse after bariatric surgery: a longitudinal cohort study. Surgery for Obesity and Related Diseases, 2022, , .	1.0	1