Hans-Georg Joost

List of Publications by Year in descending order

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Version: 2024-02-01

219 papers	14,813 citations	21215 62 h-index	25230 113 g-index

240 all docs	240 docs citations	240 times ranked	19001 citing authors

#	Article	IF	Citations
1	Salivary nitrate/nitrite and acetaldehyde in humans: potential combination effects in the upper gastrointestinal tract and possible consequences for the in vivo formation of N-nitroso compoundsâ€"a hypothesis. Archives of Toxicology, 2022, 96, 1905-1914.	1.9	5
2	Comparison of points of departure between subchronic and chronic toxicity studies on food additives, food contaminants and natural food constituents. Food and Chemical Toxicology, 2020, 146, 111784.	1.8	4
3	Identification of Novel Potential Type 2 Diabetes Genes Mediating Î²-Cell Loss and Hyperglycemia Using Positional Cloning. Frontiers in Genetics, 2020, 11, 567191.	1.1	5
4	Immunity-related GTPase induces lipophagy to prevent excess hepatic lipid accumulation. Journal of Hepatology, 2020, 73, 771-782.	1.8	34
5	Potential effects of reduced red meat compared with increased fiber intake on glucose metabolism and liver fat content: a randomized and controlled dietary intervention study. American Journal of Clinical Nutrition, 2019, 109, 288-296.	2.2	15
6	Increased Ifi202b/IFI16 expression stimulates adipogenesis in mice and humans. Diabetologia, 2018, 61, 1167-1179.	2.9	21
7	Derivation and external validation of a clinical versionÂof the German Diabetes Risk Score (GDRS) including measures of HbA1c. BMJ Open Diabetes Research and Care, 2018, 6, e000524.	1.2	8
8	A collective diabetes cross in combination with a computational framework to dissect the genetics of human obesity and Type 2 diabetes. Human Molecular Genetics, 2018, 27, 3099-3112.	1.4	21
9	The role of dual leucine zipper kinase (DLK) in Î²-cell apoptosis: a potential target for the prevention and treatment of type 2 diabetes?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 767-768.	1.4	1
10	Early hypermethylation of hepaticIgfbp2results in its reduced expression preceding fatty liver in mice. Human Molecular Genetics, 2016, 25, ddw121.	1.4	46
11	Identification of Four Mouse Diabetes Candidate Genes Altering Î²-Cell Proliferation. PLoS Genetics, 2015, 11, e1005506.	1.5	37
12	Amino acids, lipid metabolites, and ferritin as potential mediators linking red meat consumption to type 2 diabetes. American Journal of Clinical Nutrition, 2015, 101, 1241-1250.	2.2	95
13	Caloric restriction and intermittent fasting alter hepatic lipid droplet proteome and diacylglycerol species and prevent diabetes in NZO mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 566-576.	1.2	98
14	GLP-1â€"oestrogen attenuates hyperphagia and protects from beta cell failure in diabetes-prone New Zealand obese (NZO) mice. Diabetologia, 2015, 58, 604-614.	2.9	32
15	The diabetes gene Zfp69 modulates hepatic insulin sensitivity in mice. Diabetologia, 2015, 58, 2403-2413.	2.9	20
16	Skeletal muscle mitochondrial uncoupling prevents diabetes but not obesity in NZO mice, a model for polygenic diabesity. Genes and Nutrition, 2015, 10, 57.	1.2	10
17	Nitrate and nitrite in the diet: How to assess their benefit and risk for human health. Molecular Nutrition and Food Research, 2015, 59, 106-128.	1.5	170
18	Deletion of Both Rab-GTPaseâ€"Activating Proteins TBC1D1 and TBC1D4 in Mice Eliminates Insulin- and AICAR-Stimulated Glucose Transport. Diabetes, 2015, 64, 746-759.	0.3	69

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19	Diabetes and cancer: Epidemiology and potential mechanisms. Diabetes and Vascular Disease Research, 2014, 11, 390-394.	0.9	44
20	Differential Transcriptome Analysis of Diabetes-Resistant and -Sensitive Mouse Islets Reveals Significant Overlap With Human Diabetes Susceptibility Genes. Diabetes, 2014, 63, 4230-4238.	0.3	40
21	The genetic basis of obesity-associated type 2 diabetes (diabesity) in polygenic mouse models. Mammalian Genome, 2014, 25, 401-412.	1.0	53
22	Update of the German Diabetes Risk Score and external validation in the German MONICA/KORA study. Diabetes Research and Clinical Practice, 2014, 104, 459-466.	1.1	48
23	Impact of the Adipokine Adiponectin and the Hepatokine Fetuin-A on the Development of Type 2 Diabetes: Prospective Cohort- and Cross-Sectional Phenotyping Studies. PLoS ONE, 2014, 9, e92238.	1.1	63
24	Microsomal triglyceride transfer protein -164 Tâ€‰>â€‰C gene polymorphism and risk of cardiovascular disease: results from the EPIC-Potsdam case-cohort study. BMC Medical Genetics, 2013, 14, 19.	2.1	6
25	Red meat and T2DMâ€”the difficult path to a proof of causality. Nature Reviews Endocrinology, 2013, 9, 509-511.	4.3	2
26	Consumption of red meat and whole-grain bread in relation to biomarkers of obesity, inflammation, glucose metabolism and oxidative stress. European Journal of Nutrition, 2013, 52, 337-345.	1.8	177
27	Identification of Serum Metabolites Associated With Risk of Type 2 Diabetes Using a Targeted Metabolomic Approach. Diabetes, 2013, 62, 639-648.	0.3	820
28	Assessing improvement in disease prediction using net reclassification improvement: impact of risk cut-offs and number of risk categories. European Journal of Epidemiology, 2013, 28, 25-33.	2.5	27
29	Conventional Knockout of Tbc1d1 in Mice Impairs Insulin- and AICAR-Stimulated Glucose Uptake in Skeletal Muscle. Endocrinology, 2013, 154, 3502-3514.	1.4	61
30	Estrogen Deficiency Aggravates Insulin Resistance and Induces Î²-Cell Loss and Diabetes in Female New Zealand Obese Mice. Hormone and Metabolic Research, 2013, 45, 430-435.	0.7	43
31	An Interval of the Obesity QTL Nob3.38 within a QTL Hotspot on Chromosome 1 Modulates Behavioral Phenotypes. PLoS ONE, 2013, 8, e53025.	1.1	8
32	The Value of Genetic Information for Diabetes Risk Prediction â€“ Differences According to Sex, Age, Family History and Obesity. PLoS ONE, 2013, 8, e64307.	1.1	33
33	Loss of function of Ifi202b by a microdeletion on chromosome 1 of C57BL/6J mice suppresses 11Î²-hydroxysteroid dehydrogenase type 1 expression and development of obesity. Human Molecular Genetics, 2012, 21, 3845-3857.	1.4	29
34	GTPase ARFRP1 Is Essential for Normal Hepatic Glycogen Storage and Insulin-Like Growth Factor 1 Secretion. Molecular and Cellular Biology, 2012, 32, 4363-4374.	1.1	24
35	The GTPase ARFRP1 controls the lipidation of chylomicrons in the Golgi of the intestinal epithelium. Human Molecular Genetics, 2012, 21, 3128-3142.	1.4	26
36	Pathophysiology and Genetics of Obesity and Diabetes in the New Zealand Obese Mouse: A Model of the Human Metabolic Syndrome. , 2012, 933, 59-73.		35

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37	Novel biomarkers for preâ€diabetes identified by metabolomics. Molecular Systems Biology, 2012, 8, 615.	3.2	605
38	Body iron stores and risk of type 2 diabetes: results from the European Prospective Investigation into Cancer and Nutrition (EPIC)-Potsdam study. Diabetologia, 2012, 55, 2613-2621.	2.9	102
39	Gammaâ€glutamyltransferase, cardiovascular disease and mortality in individuals with diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2012, 28, 284-288.	1.7	21
40	The HPA axis modulates the CNS melanocortin control of liver triacylglyceride metabolism. Physiology and Behavior, 2012, 105, 791-799.	1.0	16
41	Heterogeneity of the Stearoyl-CoA desaturase-1 (SCD1) Gene and Metabolic Risk Factors in the EPIC-Potsdam Study. PLoS ONE, 2012, 7, e48338.	1.1	13
42	Erythrocyte membrane phospholipid fatty acids, desaturase activity, and dietary fatty acids in relation to risk of type 2 diabetes in the European Prospective Investigation into Cancer and Nutrition (EPIC)â€“Potsdam Study. American Journal of Clinical Nutrition, 2011, 93, 127-142.	2.2	218
43	Ghrelin-induced hypothermia: A physiological basis but no clinical risk. Physiology and Behavior, 2011, 105, 43-51.	1.0	18
44	Estimation of the contribution of biomarkers of different metabolic pathways to risk of type 2 diabetes. European Journal of Epidemiology, 2011, 26, 29-38.	2.5	41
45	Non-fasting lipids and risk of cardiovascular disease in patients with diabetes mellitus. Diabetologia, 2011, 54, 73-77.	2.9	28
46	Dissociation of lipotoxicity and glucotoxicity in a mouse model of obesity associated diabetes: role of forkhead box O1 (FOXO1) in glucose-induced beta cell failure. Diabetologia, 2011, 54, 605-616.	2.9	77
47	Role of Medium- and Short-Chain L-3-Hydroxyacyl-CoA Dehydrogenase in the Regulation of Body Weight and Thermogenesis. Endocrinology, 2011, 152, 4641-4651.	1.4	33
48	A Two-Step Association Study Identifies CAV2 rs2270188 Single Nucleotide Polymorphism Interaction with Fat Intake in Type 2 Diabetes Risk. Journal of Nutrition, 2011, 141, 177-181.	1.3	26
49	Diet Dependence of Diabetes in the New Zealand Obese (NZO) Mouse: Total Fat, But not Fat Quality or Sucrose Accelerates and Aggravates Diabetes. Experimental and Clinical Endocrinology and Diabetes, 2011, 119, 167-171.	0.6	19
50	The Genetic Basis of Obesity and Type 2 Diabetes: Lessons from the New Zealand Obese Mouse, a Polygenic Model of the Metabolic Syndrome. Results and Problems in Cell Differentiation, 2011, 52, 1-11.	0.2	19
51	Role of Zinc Finger Transcription Factor Zfp69 in Body Fat Storage and Diabetes Susceptibility of Mice. Results and Problems in Cell Differentiation, 2011, 52, 57-68.	0.2	12
52	Reliability of Serum Metabolite Concentrations over a 4-Month Period Using a Targeted Metabolomic Approach. PLoS ONE, 2011, 6, e21103.	1.1	131
53	Diet-induced gene expression of isolated pancreatic islets from a polygenic mouse model of the metabolic syndrome. Diabetologia, 2010, 53, 309-320.	2.9	44
54	Fasting plasma glucose and Type 2 diabetes risk: a nonâ€linear relationship. Diabetic Medicine, 2010, 27, 473-476.	1.2	14

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55	The ARF-Like GTPase ARFRP1 Is Essential for Lipid Droplet Growth and Is Involved in the Regulation of Lipolysis. Molecular and Cellular Biology, 2010, 30, 1231-1242.	1.1	55
56	Altered GLUT4 trafficking in adipocytes in the absence of the GTPase Arfrp1. Biochemical and Biophysical Research Communications, 2010, 394, 896-903.	1.0	28
57	Positional Cloning of Zinc Finger Domain Transcription Factor Zfp69, a Candidate Gene for Obesity-Associated Diabetes Contributed by Mouse Locus Nidd/SJL. PLoS Genetics, 2009, 5, e1000541.	1.5	68
58	Association of AHSG Gene Polymorphisms With Fetuin-A Plasma Levels and Cardiovascular Diseases in the EPIC-Potsdam Study. Circulation: Cardiovascular Genetics, 2009, 2, 607-613.	5.1	83
59	Whole-grain consumption and transcription factor-7-like 2 (TCF7L2) rs7903146: geneâ€“diet interaction in modulating type 2 diabetes risk. British Journal of Nutrition, 2009, 101, 478-481.	1.2	98
60	Medical Antihyperglycaemic Treatment of Type 2 Diabetes Mellitus. Experimental and Clinical Endocrinology and Diabetes, 2009, 117, 522-557.	0.6	84
61	Essential role of glucose transporter GLUT3 for post-implantation embryonic development. Journal of Endocrinology, 2009, 200, 23-33.	1.2	51
62	GLUT8, the enigmatic intracellular hexose transporter. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E614-E618.	1.8	95
63	A dual role of the N-terminal FQQI motif in GLUT4 trafficking. Biological Chemistry, 2009, 390, 883-92.	1.2	10
64	Association of a diabetes risk score with risk of myocardial infarction, stroke, specific types of cancer, and mortality: a prospective study in the European Prospective Investigation into Cancer and Nutrition (EPIC)-Potsdam cohort. European Journal of Epidemiology, 2009, 24, 281-288.	2.5	49
65	GOAT links dietary lipids with the endocrine control of energy balance. Nature Medicine, 2009, 15, 741-745.	15.2	359
66	Association of the FTO rs9939609 Single Nucleotide Polymorphism With Câ€reactive Protein Levels. Obesity, 2009, 17, 330-334.	1.5	37
67	Lysosomal localization of GLUT8 in the testis â€“ the EXXXLL motif of GLUT8 is sufficient for its intracellular sorting via AP1â€and AP2â€mediated interaction. FEBS Journal, 2009, 276, 3729-3743.	2.2	26
68	Monitoring detaching murals in the Convent of MÃ¼stair (Switzerland) by optical metrology. Journal of Cultural Heritage, 2009, 10, 94-105.	1.5	24
69	Use of Multiple Metabolic and Genetic Markers to Improve the Prediction of Type 2 Diabetes: the EPIC-Potsdam Study. Diabetes Care, 2009, 32, 2116-2119.	4.3	125
70	Angiogenesis in the New Zealand obese mouse model fed with high fat diet. Lipids in Health and Disease, 2009, 8, 13.	1.2	16
71	Characterization of Nob3, a major quantitative trait locus for obesity and hyperglycemia on mouse chromosome 1. Physiological Genomics, 2009, 38, 226-232.	1.0	31
72	Genetische Disposition fÃ¼r die Entwicklung von Adipositas und Typ-2-Diabetes im Mausmodell und beim Menschen. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2008, 3, 86-88.	0.5	1

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73	Impaired leptin activity in New Zealand Obese mice: model of angiogenesis. Genes and Nutrition, 2008, 3, 177-180.	1.2	5
74	Deletion of Glucose Transporter GLUT8 in Mice Increases Locomotor Activity. Behavior Genetics, 2008, 38, 396-406.	1.4	35
75	Metabolic syndrome and risk of incident diabetes: findings from the European Prospective Investigation into Cancer and Nutrition-Potsdam Study. Cardiovascular Diabetology, 2008, 7, 35.	2.7	80
76	Tbc1d1 mutation in lean mouse strain confers leanness and protects from diet-induced obesity. Nature Genetics, 2008, 40, 1354-1359.	9.4	174
77	Plasma Fetuin-A Levels and the Risk of Myocardial Infarction and Ischemic Stroke. Circulation, 2008, 118, 2555-2562.	1.6	277
78	Liver Enzymes and Incident Diabetes. Diabetes Care, 2008, 31, 1138-1143.	4.3	84
79	Pathogenesis, Risk Assessment and Prevention of Type 2 Diabetes mellitus. Obesity Facts, 2008, 1, 128-137.	1.6	24
80	Targeted disruption ofSlc2a8(GLUT8) reduces motility and mitochondrial potential of spermatozoa. Molecular Membrane Biology, 2008, 25, 224-235.	2.0	40
81	Uncoupling protein 1 expression in murine skeletal muscle increases AMPK activation, glucose turnover, and insulin sensitivity in vivo. Physiological Genomics, 2008, 33, 333-340.	1.0	53
82	Simultaneous deletion of ghrelin and its receptor increases motor activity and energy expenditure. American Journal of Physiology - Renal Physiology, 2008, 294, G610-G618.	1.6	153
83	Neuronal functions, feeding behavior, and energy balance in Slc2a3+/âˆ’ mice. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1084-E1094.	1.8	30
84	ADP-ribosylation Factor-like GTPase ARFRP1 Is Required for Trans-Golgi to Plasma Membrane Trafficking of E-cadherin. Journal of Biological Chemistry, 2008, 283, 27179-27188.	1.6	31
85	High-Fat, Carbohydrate-Free Diet Markedly Aggravates Obesity but Prevents Î²-Cell Loss and Diabetes in the Obese, Diabetes-Susceptible <i>db/db</i> Strain. Obesity Facts, 2008, 1, 292-297.	1.6	12
86	A meta-analysis of QTL for diabetes-related traits in rodents. Physiological Genomics, 2008, 34, 42-53.	1.0	40
87	Plasma Fetuin-A Levels and the Risk of Type 2 Diabetes. Diabetes, 2008, 57, 2762-2767.	0.3	326
88	Ablation of the Cholesterol Transporter Adenosine Triphosphate-Binding Cassette Transporter G1 Reduces Adipose Cell Size and Protects against Diet-Induced Obesity. Endocrinology, 2007, 148, 1561-1573.	1.4	74
89	NO to Obesity: Does Nitric Oxide Regulate Fat Oxidation and Insulin Sensitivity?. Endocrinology, 2007, 148, 4545-4547.	1.4	16
90	Personalised nutrition: status and perspectives. British Journal of Nutrition, 2007, 98, 26-31.	1.2	72

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91	An Accurate Risk Score Based on Anthropometric, Dietary, and Lifestyle Factors to Predict the Development of Type 2 Diabetes. Diabetes Care, 2007, 30, 510-515.	4.3	341
92	Effects of Obestatin on Energy Balance and Growth Hormone Secretion in Rodents. Endocrinology, 2007, 148, 21-26.	1.4	228
93	A meta-analysis of quantitative trait loci associated with body weight and adiposity in mice. International Journal of Obesity, 2007, 31, 829-841.	1.6	78
94	Prevention of complex diseases by genotype-based nutrition: realistic concept or fiction?. Journal of Molecular Medicine, 2007, 85, 103-105.	1.7	1
95	Development of diabetes in obese, insulin-resistant mice: essential role of dietary carbohydrate in beta cell destruction. Diabetologia, 2007, 50, 1481-1489.	2.9	51
96	Variation in the HHEXâ€“IDE gene region predisposes to type 2 diabetes in the prospective, population-based EPIC-Potsdam cohort. Diabetologia, 2007, 50, 2405-2407.	2.9	24
97	The central melanocortin system directly controls peripheral lipid metabolism. Journal of Clinical Investigation, 2007, 117, 3475-3488.	3.9	341
98	Personalized Prevention of Type 2 Diabetes. , 2007, , 61-74.		0
99	Hyperphagia, lower body temperature, and reduced running wheel activity precede development of morbid obesity in New Zealand obese mice. Physiological Genomics, 2006, 25, 234-241.	1.0	80
100	Gene Variants and Obesity. , 2006, , 266-299.		0
101	Knockout ofArfrp1leads to disruption of ARF-like1 (ARL1) targeting to the trans-Golgi in mouse embryos and HeLa cells. Molecular Membrane Biology, 2006, 23, 475-485.	2.0	51
102	Endocytosis of the glucose transporter GLUT8 is mediated by interaction of a dileucine motif with the Î²2-adaptin subunit of the AP-2 adaptor complex. Journal of Cell Science, 2006, 119, 2321-2331.	1.2	36
103	PYY3-36 as an anti-obesity drug target. Obesity Reviews, 2005, 6, 307-322.	3.1	109
104	Consuming Fructoseâ€sweetened Beverages Increases Body Adiposity in Mice. Obesity, 2005, 13, 1146-1156.	4.0	255
105	Mice without the Regulator Gene Rsc1A1 Exhibit Increased Na + - d -Glucose Cotransport in Small Intestine and Develop Obesity. Molecular and Cellular Biology, 2005, 25, 78-87.	1.1	49
106	The case for strategic international alliances to harness nutritional genomics for public and personal health. British Journal of Nutrition, 2005, 94, 623-632.	1.2	137
107	Characterization of the humanSLC2A11(GLUT11) gene: alternative promoter usage, function, expression, and subcellular distribution of three isoforms, and lack of mouse orthologue. Molecular Membrane Biology, 2005, 22, 339-351.	2.0	63
108	Nutrition-/diet-induced changes in gene expression in white adipose tissue. Best Practice and Research in Clinical Endocrinology and Metabolism, 2005, 19, 589-603.	2.2	63

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109	Differential hepatic gene expression in a polygenic mouse model with insulin resistance and hyperglycemia: evidence for a combined transcriptional dysregulation of gluconeogenesis and fatty acid synthesis. Journal of Molecular Endocrinology, 2004, 32, 195-208.	1.1	28
110	Pleiotropy of leptin receptor signalling is defined by distinct roles of the intracellular tyrosines. FEBS Journal, 2004, 272, 109-119.	2.2	93
111	Does gut hormone PYY3â€“36 decrease food intake in rodents?. Nature, 2004, 430, 1-3.	13.7	207
112	GLUT11, but not GLUT8 or GLUT12, is expressed in human skeletal muscle in a fibre type-specific pattern. Pflugers Archiv European Journal of Physiology, 2004, 448, 105-113.	1.3	25
113	The glucose transporter families SGLT and GLUT: molecular basis of normal and aberrant function. Journal of Parenteral and Enteral Nutrition, 2004, 28, 364-371.	1.3	370
114	Cellular models for the analysis of signaling by protein kinase B and the forkhead transcription factor FKHR (Foxo1a). Regulatory Peptides, 2004, 121, 19-24.	1.9	3
115	Arf-Like Proteins. , 2004, , 325-350.		0
116	DYRK1 is a co-activator of FKHR (FOXO1a)-dependent glucose-6-phosphatase gene expression. Biochemical and Biophysical Research Communications, 2003, 300, 764-769.	1.0	45
117	Unusual function of the activation loop in the protein kinase DYRK1A. Biochemical and Biophysical Research Communications, 2003, 302, 403-408.	1.0	39
118	Diet-dependent obesity and hypercholesterolemia in the New Zealand obese mouse: identification of a quantitative trait locus for elevated serum cholesterol on the distal mouse chromosome 5. Biochemical and Biophysical Research Communications, 2003, 304, 812-817.	1.0	33
119	Akt Modulates STAT3-mediated Gene Expression through a FKHR (FOXO1a)-dependent Mechanism. Journal of Biological Chemistry, 2003, 278, 5242-5249.	1.6	68
120	Alternative splicing variants of dual specificity tyrosine phosphorylated and regulated kinase 1B exhibit distinct patterns of expression and functional properties. Biochemical Journal, 2003, 372, 881-888.	1.7	47
121	Effect of Hyperinsulinemia and Type 2 Diabetes-Like Hyperglycemia on Expression of Hepatic Cytochrome P450 and GlutathioneS-Transferase Isoforms in a New Zealand Obese-Derived Mouse Backcross Population. Journal of Pharmacology and Experimental Therapeutics, 2002, 302, 442-450.	1.3	35
122	Reduced Sperm Count and Normal Fertility in Male Mice with Targeted Disruption of the ADP-Ribosylation Factor-Like 4 (Arl4) Gene. Molecular and Cellular Biology, 2002, 22, 2761-2768.	1.1	60
123	Regulation of the Forkhead Transcription Factor FKHR (FOXO1a) by Glucose Starvation and AICAR, an Activator of AMP-Activated Protein Kinase. Endocrinology, 2002, 143, 3183-3186.	1.4	74
124	Identification of the Critical Sequence Elements in the Cytoplasmic Domain of Leptin Receptor Isoforms Required for Janus Kinase/Signal Transducer and Activator of Transcription Activation by Receptor Heterodimers. Molecular Endocrinology, 2002, 16, 859-872.	3.7	90
125	Construction And Characterization of a Conditionally Active Construct of The Insulin-Regulated Forkhead Transcription Factor FKHR. Experimental and Clinical Endocrinology and Diabetes, 2002, 110, 304-309.	0.6	6
126	Embryonic Lethality Caused by Apoptosis during Gastrulation in Mice Lacking the Gene of the ADP-Ribosylation Factor-Related Protein 1. Molecular and Cellular Biology, 2002, 22, 1488-1494.	1.1	44

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127	Mouse ARF-Related Protein 1: Genomic Organization and Analysis of Its Promoter. Biochemical and Biophysical Research Communications, 2002, 292, 113-120.	1.0	14
128	Nomenclature of the GLUT/SLC2A family of sugar/polyol transport facilitators. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E974-E976.	1.8	325
129	Inhibition of the reninâ€“angiotensin system ameliorates genetically determined hyperinsulinemia. European Journal of Pharmacology, 2002, 436, 145-150.	1.7	25
130	Characterisation of the mouse diabetes susceptibility locus Nidd/SJL: islet cell destruction, interaction with the obesity QTL Nob1, and effect of dietary fat. Diabetologia, 2002, 45, 823-830.	2.9	56
131	Concentration-dependent stimulatory and inhibitory effect of troglitazone on insulin-induced fatty acid synthase expression and protein kinase B activity in 3T3-L1 adipocytes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 365, 290-295.	1.4	5
132	The glucose transport facilitator GLUT8 is predominantly associated with the acrosomal region of mature spermatozoa. Cell and Tissue Research, 2002, 307, 237-242.	1.5	73
133	The extended GLUT-family of sugar/polyol transport facilitators: nomenclature, sequence characteristics, and potential function of its novel members. Molecular Membrane Biology, 2001, 18, 247-256.	2.0	583
134	Differential Regulation of Endogenous Glucose-6-Phosphatase and Phosphoenolpyruvate Carboxykinase Gene Expression by the Forkhead Transcription Factor FKHR in H4IIE-Hepatoma Cells. Biochemical and Biophysical Research Communications, 2001, 285, 897-902.	1.0	97
135	Mouse GLUT8: Genomic Organization and Regulation of Expression in 3T3-L1 Adipocytes by Glucose. Biochemical and Biophysical Research Communications, 2001, 288, 969-974.	1.0	35
136	PSCA expression is regulated by phorbol ester and cell adhesion in the bladder carcinoma cell line RT112. Cancer Letters, 2001, 168, 37-43.	3.2	20
137	Targeting of GLUT6 (formerly GLUT9) and GLUT8 in rat adipose cells. Biochemical Journal, 2001, 358, 517.	1.7	64
138	Characterization of human glucose transporter (GLUT) 11 (encoded by SLC2A11), a novel sugar-transport facilitator specifically expressed in heart and skeletal muscle. Biochemical Journal, 2001, 359, 443.	1.7	59
139	Identification of the autophosphorylation sites and characterization of their effects in the protein kinase DYRK1A. Biochemical Journal, 2001, 359, 497.	1.7	115
140	Phorbol ester-induced activation of mitogen-activated protein kinase/extracellular-signal-regulated kinase kinase and extracellular-signal-regulated protein kinase decreases glucose-6-phosphatase gene expression. Biochemical Journal, 2001, 357, 867-873.	1.7	17
141	Characterization of human glucose transporter (GLUT) 11 (encoded by SLC2A11), a novel sugar-transport facilitator specifically expressed in heart and skeletal muscle. Biochemical Journal, 2001, 359, 443-449.	1.7	110
142	Phorbol ester-induced activation of mitogen-activated protein kinase/extracellular-signal-regulated kinase kinase and extracellular-signal-regulated protein kinase decreases glucose-6-phosphatase gene expression. Biochemical Journal, 2001, 357, 867.	1.7	12
143	Targeting of GLUT6 (formerly GLUT9) and GLUT8 in rat adipose cells. Biochemical Journal, 2001, 358, 517-522.	1.7	95
144	The vitamin D receptor gene variant is associated with the prevalence of Type 2 diabetes mellitus and coronary artery disease. Diabetic Medicine, 2001, 18, 842-845.	1.2	94

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145	Increased Hypothalamic Expression of the p75 Tumor Necrosis Factor Receptor in New Zealand Obese Mice. Hormone and Metabolic Research, 2001, 33, 520-524.	0.7	13
146	Activity and genomic organization of human glucose transporter 9 (GLUT9), a novel member of the family of sugar-transport facilitators predominantly expressed in brain and leucocytes. Biochemical Journal, 2000, 350, 771.	1.7	35
147	Activity and genomic organization of human glucose transporter 9 (GLUT9), a novel member of the family of sugar-transport facilitators predominantly expressed in brain and leucocytes. Biochemical Journal, 2000, 350, 771-776.	1.7	128
148	Glucose deprivation induces Akt-dependent synthesis and incorporation of GLUT1, but not of GLUT4, into the plasma membrane of 3T3-L1adipocytes. European Journal of Cell Biology, 2000, 79, 943-949.	1.6	28
149	Quantitative trait loci for obesity and insulin resistance (Nob1, Nob2) and their interaction with the leptin receptor allele (Lepr A720T/T1044I) in New Zealand obese mice. Diabetologia, 2000, 43, 1565-1572.	2.9	69
150	GLUT8, a Novel Member of the Sugar Transport Facilitator Family with Glucose Transport Activity. Journal of Biological Chemistry, 2000, 275, 16275-16280.	1.6	211
151	Specificity Determinants of Substrate Recognition by the Protein Kinase DYRK1A. Journal of Biological Chemistry, 2000, 275, 2431-2438.	1.6	219
152	Type 2 diabetes-like hyperglycemia in a backcross model of NZO and SJL mice: characterization of a susceptibility locus on chromosome 4 and its relation with obesity. Diabetes, 2000, 49, 1590-1596.	0.3	57
153	Reduced Expression of PSCA, a Member of the LY-6 Family of Cell Surface Antigens, in Bladder, Esophagus, and Stomach Tumors. Biochemical and Biophysical Research Communications, 2000, 275, 783-788.	1.0	107
154	Association of Impaired Phosphatidylinositol 3-Kinase Activity in GLUT1-Containing Vesicles with Malinsertion of Glucose Transporters into the Plasma Membrane of Fibroblasts from a Patient with Severe Insulin Resistance and Clinical Features of Werner Syndrome. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 905-918.	1.8	2
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