Martin Heni

List of Publications by Year
in descending order

152 papers	5,791 citations	71097 41 h-index	98792 67 g-index
171 all docs	171 docs citations	171 times ranked	8040 citing authors

#	Article	IF	Citations
1	Considering Insulin Secretory Capacity as Measured by a Fasting C-Peptide/Glucose Ratio in Selecting Glucose-Lowering Medications. Experimental and Clinical Endocrinology and Diabetes, 2022, 130, 200-204.	1.2	16
2	Influence of Spinal Cord Stimulation on Insulin Sensitivity in Chronic Pain Patients. Experimental and Clinical Endocrinology and Diabetes, 2022, 130, 17-21.	1.2	0
3	Metabolic implications of pancreatic fat accumulation. Nature Reviews Endocrinology, 2022, 18, 43-54.	9.6	46
4	Empagliflozin Improves Insulin Sensitivity of the Hypothalamus in Humans With Prediabetes: A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Trial. Diabetes Care, 2022, 45, 398-406.	8.6	43
5	Shortâ€Term Variability of Proton Density Fat Fraction in Pancreas and Liver Assessed by Multiecho Chemicalâ€Shift Encodingâ€Based <scp>MRI</scp> at 3ÂT. Journal of Magnetic Resonance Imaging, 2022, 56, 1018-1026.	3.4	8
6	Impaired Metabolic Health and Low Cardiorespiratory Fitness Independently Associate With Subclinical Atherosclerosis in Obesity. Journal of Clinical Endocrinology and Metabolism, 2022, , .	3.6	3
7	The German Gestational Diabetes Study (PREG), a prospective multicentre cohort study: rationale, methodology and design. BMJ Open, 2022, 12, e058268.	1.9	5
8	Incretin Hypersecretion in Gestational Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2425-e2430.	3.6	10
9	Spotlight on the Human Brain: Central Actions of SGLT2 Inhibitors?. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3080-e3081.	3.6	2
10	Bezafibrate Reduces Elevated Hepatic Fumarate in Insulin-Deficient Mice. Biomedicines, 2022, 10, 616.	3.2	5
11	Eight weeks of empagliflozin does not affect pancreatic fat content and insulin secretion in people with prediabetes. Diabetes, Obesity and Metabolism, 2022, 24, 1661-1666.	4.4	4
12	Sex differences in central insulin action: Effect of intranasal insulin on neural food cue reactivity in adults with normal weight and overweight. International Journal of Obesity, 2022, 46, 1662-1670.	3.4	10
13	Fat Distribution Patterns and Future Type 2 Diabetes. Diabetes, 2022, 71, 1937-1945.	0.6	20
14	Klassifizierung von OGTT-GlukoseverlÃufen wÃhrend Schwangerschaft und Assoziation mit Makrosomie-Risiko.. Diabetologie Und Stoffwechsel, 2022, , .	0.0	0
15	Cluster des PrÃdiabetes und Typ-2-Diabetes stratifizieren die GesamtmortalitÃt bei kardiovaskulÃren Hochrisiko-Patienten â€“ Ergebnisse aus der LURIC-Kohorte. Diabetologie Und Stoffwechsel, 2022, , .	0.0	0
16	Elevated Circulating Glutamate Is Associated With Subclinical Atherosclerosis Independently of Established Risk Markers: A Cross-Sectional Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e982-e989.	3.6	17
17	Diabetes type 2 risk gene Dusp8 is associated with altered sucrose reward behavior in mice and humans. Brain and Behavior, 2021, 11, e01928.	2.2	2
18	Pathophysiology-based subphenotyping of individuals at elevated risk for type 2 diabetes. Nature Medicine, 2021, 27, 49-57.	30.7	203

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19	No Effect of Lifestyle Intervention during Third Trimester on Brain Programming in Fetuses of Mothers with Gestational Diabetes. Nutrients, 2021, 13, 556.	4.1	1
20	Lifestyle Intervention Improves Prothrombotic Coagulation Profile in Individuals at High Risk for Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3198-e3207.	3.6	8
21	The hepatokine fetuin-A disrupts functional maturation of pancreatic beta cells. Diabetologia, 2021, 64, 1358-1374.	6.3	14
22	Low-Density Lipoprotein Cholesterol Is Associated With Insulin Secretion. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1576-1584.	3.6	10
23	Hemostatic alterations linked to body fat distribution, fatty liver, and insulin resistance. Molecular Metabolism, 2021, 53, 101262.	6.5	9
24	Pancreatic fat cells of humans with type 2 diabetes display reduced adipogenic and lipolytic activity. American Journal of Physiology - Cell Physiology, 2021, 320, C1000-C1012.	4.6	10
25	Central Insulin Modulates Dopamine Signaling in the Human Striatum. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2949-2961.	3.6	24
26	Determinants of hepatic insulin clearance â€“ Results from a Mendelian Randomization study. Metabolism: Clinical and Experimental, 2021, 119, 154776.	3.4	2
27	Free fatty acids, glicentin and glucose-dependent insulinotropic polypeptide as potential major determinants of fasting substrate oxidation. Scientific Reports, 2021, 11, 16642.	3.3	4
28	Different Effects of Lifestyle Intervention in High- and Low-Risk Prediabetes: Results of the Randomized Controlled Prediabetes Lifestyle Intervention Study (PLIS). Diabetes, 2021, 70, 2785-2795.	0.6	35
29	Detection of diabetes from whole-body MRI using deep learning. JCI Insight, 2021, 6, .	5.0	10
30	Correlation guided Network Integration (CoNI) reveals novel genes affecting hepatic metabolism. Molecular Metabolism, 2021, 53, 101295.	6.5	4
31	Slow deep breathing modulates cardiac vagal activity but does not affect peripheral glucose metabolism in healthy men. Scientific Reports, 2021, 11, 20306.	3.3	4
32	Reproducibility and discrimination of different indices of insulin sensitivity and insulin secretion. PLoS ONE, 2021, 16, e0258476.	2.5	12
33	Metabolomic Characteristics of Fatty Pancreas. Experimental and Clinical Endocrinology and Diabetes, 2020, 128, 804-810.	1.2	14
34	Health, pleasure, and fullness: changing mindset affects brain responses and portion size selection in adults with overweight and obesity. International Journal of Obesity, 2020, 44, 428-437.	3.4	22
35	Insulin Action in the Hypothalamus Increases Second-Phase Insulin Secretion in Humans. Neuroendocrinology, 2020, 110, 929-937.	2.5	23
36	AMPK Subunits Harbor Largely Nonoverlapping Genetic Determinants for Body Fat Mass, Glucose Metabolism, and Cholesterol Metabolism. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 14-25.	3.6	7

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37	Insulin sensitivity predicts cognitive decline in individuals with prediabetes. BMJ Open Diabetes Research and Care, 2020, 8, e001741.	2.8	42
38	Increased Expressions of Matrix Metalloproteinases (MMPs) in Prostate Cancer Tissues of Men with Type 2 Diabetes. Biomedicines, 2020, 8, 507.	3.2	5
39	Increased Hepatic ACE2 Expression in NAFL and Diabetesâ€"A Risk for COVID-19 Patients?. Diabetes Care, 2020, 43, e134-e136.	8.6	26
40	Pancreatic Steatosis Associates With Impaired Insulin Secretion in Genetically Predisposed Individuals. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 3518-3525.	3.6	37
41	Characterization of Hormone-Dependent Pathways in Six Human Prostate-Cancer Cell Lines: A Gene-Expression Study. Genes, 2020, 11, 1174.	2.4	4
42	Ectopic fat accumulation in human astrocytes impairs insulin action. Royal Society Open Science, 2020, 7, 200701.	2.4	7
43	Investigating obesityâ€associated brain inflammation using quantitative water content mapping. Journal of Neuroendocrinology, 2020, 32, e12907.	2.6	22
44	Transcript Levels of Aldo-Keto Reductase Family 1 Subfamily C (AKR1C) Are Increased in Prostate Tissue of Patients with Type 2 Diabetes. Journal of Personalized Medicine, 2020, 10, 124.	2.5	5
45	Response of Mitochondrial Respiration in Adipose Tissue and Muscle to 8 Weeks of Endurance Exercise in Obese Subjects. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4023-e4037.	3.6	23
46	No modulation of postprandial metabolism by transcutaneous auricular vagusÂnerve stimulation: a cross-over study in 15 healthy men. Scientific Reports, 2020, 10, 20466.	3.3	15
47	The TUDID Study â€“ Background and Design of a Prospective Cohort. Experimental and Clinical Endocrinology and Diabetes, 2020, , .	1.2	0
48	Brain substrate metabolism and ÃŸâ€cell function in humans: A positron emission tomography study. Endocrinology, Diabetes and Metabolism, 2020, 3, e00136.	2.4	11
49	Human Prostate Cancer Is Characterized by an Increase in Urea Cycle Metabolites. Cancers, 2020, 12, 1814.	3.7	37
50	Brain insulin sensitivity is linked to adiposity and body fat distribution. Nature Communications, 2020, 11, 1841.	12.8	81
51	Central nervous pathways of insulin action in the control of metabolism and food intake. Lancet Diabetes and Endocrinology,the, 2020, 8, 524-534.	11.4	126
52	Reduced insulin clearance is linked to subclinical atherosclerosis in individuals at risk for type 2 diabetes mellitus. Scientific Reports, 2020, 10, 22453.	3.3	6
53	Type 2 diabetes risk gene Dusp8 regulates hypothalamic Jnk signaling and insulin sensitivity. Journal of Clinical Investigation, 2020, 130, 6093-6108.	8.2	17
54	Glucose Measurements at Various Time Points During the OGTT and Their Role in Capturing Glucose Response Patterns. Diabetes Care, 2019, 42, e56-e57.	8.6	8

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55	Sex-Specific Associations of Testosterone With Metabolic Traits. Frontiers in Endocrinology, 2019, 10, 90.	3.5	13
56	What role do fat cells play in pancreatic tissue?. Molecular Metabolism, 2019, 25, 1-10.	6.5	52
57	The Gly385(388)Arg Polymorphism of the FGFR4 Receptor Regulates Hepatic Lipogenesis Under Healthy Diet. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2041-2053.	3.6	8
58	Gene x Gene Interactions Highlight the Role of Incretin Resistance for Insulin Secretion. Frontiers in Endocrinology, 2019, 10, 72.	3.5	5
59	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.	4.7	15
60	Dusp8 affects hippocampal size and behavior in mice and humans. Scientific Reports, 2019, 9, 19483.	3.3	5
61	Nasal insulin administration does not affect hepatic glucose production at systemic fasting insulin levels. Diabetes, Obesity and Metabolism, 2019, 21, 993-1000.	4.4	7
62	Safety of intranasal human insulin: A review. Diabetes, Obesity and Metabolism, 2018, 20, 1563-1577.	4.4	70
63	Eating less or more â€“ Mindset induced changes in neural correlates of pre-meal planning. Appetite, 2018, 125, 492-501.	3.7	36
64	Effects of resveratrol supplementation on liver fat content in overweight and insulinâ€resistant subjects: A randomized, doubleâ€blind, placeboâ€controlled clinical trial. Diabetes, Obesity and Metabolism, 2018, 20, 1793-1797.	4.4	66
65	Higher prevalence of lymph node metastasis in prostate cancer in patients with diabetes. Endocrine-Related Cancer, 2018, 25, L19-L22.	3.1	19
66	Dose-Dependent Effects of Intranasal Insulin on Resting-State Brain Activity. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 253-262.	3.6	47
67	Leptin Replacement Reestablishes Brain Insulin Action in the Hypothalamus in Congenital Leptin Deficiency. Diabetes Care, 2018, 41, 907-910.	8.6	11
68	Androgen receptor overexpression in prostate cancer in type 2 diabetes. Molecular Metabolism, 2018, 8, 158-166.	6.5	22
69	The Expression of Aldolase B in Islets Is Negatively Associated With Insulin Secretion in Humans. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4373-4383.	3.6	42
70	Family History of Diabetes Is Associated With Delayed Fetal Postprandial Brain Activity. Frontiers in Endocrinology, 2018, 9, 673.	3.5	8
71	Dissociation of Fatty Liver and Insulin Resistance in I148M PNPLA3 Carriers: Differences in Diacylglycerol (DAG) FA18:1 Lipid Species as a Possible Explanation. Nutrients, 2018, 10, 1314.	4.1	33
72	cGMP-dependent protein kinase I (cGKI) modulates human hepatic stellate cell activation. Metabolism: Clinical and Experimental, 2018, 88, 22-30.	3.4	18

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73	Single Nucleotide Polymorphisms in the G-Protein Coupled Receptor Kinase 5 (GRK5) Gene are associated with Plasma LDL-Cholesterol Levels in Humans. Scientific Reports, 2018, 8, 7745.	3.3	3
74	Prediction of Glucose Tolerance without an Oral Glucose Tolerance Test. Frontiers in Endocrinology, 2018, 9, 82.	3.5	13
75	Chronic d-serine supplementation impairs insulin secretion. Molecular Metabolism, 2018, 16, 191-202.	6.5	29
76	Unusual high blood glucose in ketoacidosis as first presentation of type 1 diabetes mellitus. Endocrinology, Diabetes and Metabolism Case Reports, 2018, 2018, .	0.5	3
77	Uric acid as a novel biomarker for bone-marrow function and incipient hematopoietic reconstitution after aplasia in patients with hematologic malignancies. Journal of Cancer Research and Clinical Oncology, 2017, 143, 759-771.	2.5	9
78	Hypothalamic and Striatal Insulin Action Suppresses Endogenous Glucose Production and May Stimulate Glucose Uptake During Hyperinsulinemia in Lean but Not in Overweight Men. Diabetes, 2017, 66, 1797-1806.	0.6	87
79	Genetic determination of body fat distribution and the attributive influence on metabolism. Obesity, 2017, 25, 1277-1283.	3.0	15
80	Hypothalamic insulin responsiveness is associated with pancreatic insulin secretion in humans. Physiology and Behavior, 2017, 176, 134-138.	2.1	27
81	Nonsuppressed Glucagon After Glucose Challenge as a Potential Predictor for Glucose Tolerance. Diabetes, 2017, 66, 1373-1379.	0.6	25
82	Non-alcoholic fatty liver disease and impaired proinsulin conversion as newly identified predictors of the long-term non-response to a lifestyle intervention for diabetes prevention: results from the TULIP study. Diabetologia, 2017, 60, 2341-2351.	6.3	24
83	Metabolic crosstalk between fatty pancreas and fatty liver: effects on local inflammation and insulin secretion. Diabetologia, 2017, 60, 2240-2251.	6.3	100
84	Excessive fuel availability amplifies the FTO-mediated obesity risk: results from the TUEF and Whitehall II studies. Scientific Reports, 2017, 7, 15486.	3.3	5
85	Intranasal insulin enhances brain functional connectivity mediating the relationship between adiposity and subjective feeling of hunger. Scientific Reports, 2017, 7, 1627.	3.3	63
86	Common variation in the sodium/glucose cotransporter 2 gene SLC5A2 does neither affect fasting nor glucose-suppressed plasma glucagon concentrations. PLoS ONE, 2017, 12, e0177148.	2.5	10
87	<i>FTO</i> Genotype Interacts with Improvement in Aerobic Fitness on Body Weight Loss During Lifestyle Intervention. Obesity Facts, 2016, 9, 174-181.	3.4	6
88	Electro/magnetoencephalographic signatures of human brain insulin resistance. Current Opinion in Behavioral Sciences, 2016, 9, 163-168.	3.9	1
89	Interaction between the obesity-risk gene FTO and the dopamine D2 receptor gene ANKK1/TaqIA on insulin sensitivity. Diabetologia, 2016, 59, 2622-2631.	6.3	39
90	Brain Insulin Resistance at the Crossroads of Metabolic and Cognitive Disorders in Humans. Physiological Reviews, 2016, 96, 1169-1209.	28.8	384

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91	A novel insulin sensitivity index particularly suitable to measure insulin sensitivity during gestation. Acta Diabetologica, 2016, 53, 1037-1044.	2.5	30
92	Specific white matter tissue microstructure changes associated with obesity. NeuroImage, 2016, 125, 36-44.	4.2	106
93	Dopamine Depletion Reduces Food-Related Reward Activity Independent of BMI. Neuropsychopharmacology, 2016, 41, 1551-1559.	5.4	33
94	Glucose-Raising Polymorphisms in the Human Clock Gene Cryptochrome 2 (CRY2) Affect Hepatic Lipid Content. PLoS ONE, 2016, 11, e0145563.	2.5	27
95	Dissociation of GLP-1 and insulin association with food processing in the brain: GLP-1 sensitivity despite insulin resistance in obese humans. Molecular Metabolism, 2015, 4, 971-976.	6.5	25
96	Ketoacidosis in a non-diabetic woman who was fasting during lactation. Nutrition Journal, 2015, 14, 117.	3.4	19
97	Effects of Intranasal Insulin on Hepatic Fat Accumulation and Energy Metabolism in Humans. Diabetes, 2015, 64, 1966-1975.	0.6	70
98	Choline concentrations are lower in postnatal plasma of preterm infants than in cord plasma. European Journal of Nutrition, 2015, 54, 733-741.	3.9	32
99	Response to Comment on Heni et al. Central Insulin Administration Improves Whole-Body Insulin Sensitivity via Hypothalamus and Parasympathetic Outputs in Men. Diabetes 2014;63:4083â€“4088. Diabetes, 2015, 64, e8-e9.	0.6	7
100	Selective Insulin Resistance in Homeostatic and Cognitive Control Brain Areas in Overweight and Obese Adults. Diabetes Care, 2015, 38, 1044-1050.	8.6	126
101	Contribution of common non-synonymous variants in PCSK1 to body mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331 175 individuals. Human Molecular Genetics, 2015, 24, 3582-3594.	2.9	53
102	Gestational Diabetes Impairs Human Fetal Postprandial Brain Activity. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4029-4036.	3.6	52
103	Impaired insulin action in the human brain: causes and metabolic consequences. Nature Reviews Endocrinology, 2015, 11, 701-711.	9.6	204
104	The Brain Response to Peripheral Insulin Declines with Age: A Contribution of the Blood-Brain Barrier?. PLoS ONE, 2015, 10, e0126804.	2.5	80
105	Central Insulin Administration Improves Whole-Body Insulin Sensitivity via Hypothalamus and Parasympathetic Outputs in Men. Diabetes, 2014, 63, 4083-4088.	0.6	135
106	Reduced cortical thickness associated with visceral fat and BMI. NeuroImage: Clinical, 2014, 6, 307-311.	2.7	96
107	Differential effect of glucose ingestion on the neural processing of food stimuli in lean and overweight adults. Human Brain Mapping, 2014, 35, 918-928.	3.6	69
108	Age-dependent association of serum prolactin with glycaemia and insulin sensitivity in humans. Acta Diabetologica, 2014, 51, 71-78.	2.5	49

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109	Polymorphism rs3123554 in CNR2 reveals genderâ€specific effects on body weight and affects loss of body weight and cerebral insulin action. Obesity, 2014, 22, 925-931.	3.0	29
110	Intranasal Insulin Suppresses Systemic but Not Subcutaneous Lipolysis in Healthy Humans. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E246-E251.	3.6	52
111	Resting-state functional connectivity of the human hypothalamus. Human Brain Mapping, 2014, 35, 6088-6096.	3.6	104
112	Evidence for altered transport of insulin across the bloodâ€“brain barrier in insulin-resistant humans. Acta Diabetologica, 2014, 51, 679-681.	2.5	123
113	Peroxisome proliferator-activated receptor gamma (PPARG) modulates free fatty acid receptor 1 (FFAR1) dependent insulin secretion in humans. Molecular Metabolism, 2014, 3, 676-680.	6.5	10
114	Variation in the obesity risk gene FTO determines the postprandial cerebral processing of food stimuli in the prefrontal cortex. Molecular Metabolism, 2014, 3, 109-113.	6.5	44
115	Intranasal Insulin Modulates Intrinsic Reward and Prefrontal Circuitry of the Human Brain in Lean Women. Neuroendocrinology, 2013, 97, 176-182.	2.5	93
116	Nor-1, a novel incretin-responsive regulator of insulin genes and insulin secretion. Molecular Metabolism, 2013, 2, 243-255.	6.5	17
117	Genetic Variation in NR1H4 Encoding the Bile Acid Receptor FXR Determines Fasting Glucose and Free Fatty Acid Levels in Humans. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1224-E1229.	3.6	24
118	Comment on: Teeuwisse et al. Short-Term Caloric Restriction Normalizes Hypothalamic Neuronal Responsiveness to Glucose Ingestion in Patients With Type 2 Diabetes. Diabetes 2012;61:3255â€“3259. Diabetes, 2013, 62, e5-e5.	0.6	2
119	Functional Network Connectivity Underlying Food Processing: Disturbed Salience and Visual Processing in Overweight and Obese Adults. Cerebral Cortex, 2013, 23, 1247-1256.	2.9	95
120	Blood clotting at room temperature in cold agglutinin disease. Blood, 2013, 121, 4975-4975.	1.4	2
121	Long-Term Stabilization Effects of Leptin on Brain Functions in a Leptin-Deficient Patient. PLoS ONE, 2013, 8, e65893.	2.5	29
122	Dietary Fiber Intake Modulates the Association Between Variants in TCF7L2 and Weight Loss During a Lifestyle Intervention. Diabetes Care, 2012, 35, e24-e24.	8.6	32
123	Fat intake modulates cerebral blood flow in homeostatic and gustatory brain areas in humans. American Journal of Clinical Nutrition, 2012, 95, 1342-1349.	4.7	40
124	Leptin Affects Insulin Action in Astrocytes and Impairs Insulin-mediated Physical Activity. Cellular Physiology and Biochemistry, 2012, 30, 238-246.	1.6	22
125	Neuronal correlates of reduced memory performance in overweight subjects. NeuroImage, 2012, 60, 362-369.	4.2	44
126	Common Genetic Variation in the SERPINF1 Locus Determines Overall Adiposity, Obesity-Related Insulin Resistance, and Circulating Leptin Levels. PLoS ONE, 2012, 7, e34035.	2.5	28

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127	Allele Summation of Diabetes Risk Genes Predicts Impaired Glucose Tolerance in Female and Obese Individuals. PLoS ONE, 2012, 7, e38224.	2.5	20
128	Polymorphism rs11085226 in the Gene Encoding Polypyrimidine Tract-Binding Protein 1 Negatively Affects Glucose-Stimulated Insulin Secretion. PLoS ONE, 2012, 7, e46154.	2.5	8
129	The obese brain: Association of body mass index and insulin sensitivity with resting state network functional connectivity. Human Brain Mapping, 2012, 33, 1052-1061.	3.6	245
130	Association of Common Genetic Variants in the MAP4K4 Locus with Prediabetic Traits in Humans. PLoS ONE, 2012, 7, e47647.	2.5	27
131	Insulin Receptor Isoforms A and B as well as Insulin Receptor Substrates-1 and -2 Are Differentially Expressed in Prostate Cancer. PLoS ONE, 2012, 7, e50953.	2.5	59
132	Inflammatory response of human coronary artery endothelial cells to saturated long-chain fatty acids. Microvascular Research, 2011, 81, 52-59.	2.5	40
133	Insulin sensitivity of the human brain. Diabetes Research and Clinical Practice, 2011, 93, S47-S51.	2.8	47
134	Insulin Promotes Glycogen Storage and Cell Proliferation in Primary Human Astrocytes. PLoS ONE, 2011, 6, e21594.	2.5	124
135	The Effect of PCSK1 Variants on Waist, Waist-Hip Ratio and Glucose Metabolism Is Modified by Sex and Glucose Tolerance Status. PLoS ONE, 2011, 6, e23907.	2.5	23
136	In vitro responsiveness of human muscle cell peroxisome proliferatorâ€activated receptor Î´ reflects donorsâ€™ insulin sensitivity in vivo. European Journal of Clinical Investigation, 2011, 41, 1323-1329.	3.4	7
137	Variants in the CD36 Gene Locus Determine Wholeâ€Body Adiposity, but Have No Independent Effect on Insulin Sensitivity. Obesity, 2011, 19, 1004-1009.	3.0	25
138	Genetic variation within the TRPM5 locus associates with prediabetic phenotypes in subjects at increased risk for type 2 diabetes. Metabolism: Clinical and Experimental, 2011, 60, 1325-1333.	3.4	47
139	Leptin Therapy in a Congenital Leptin-Deficient Patient Leads to Acute and Long-Term Changes in Homeostatic, Reward, and Food-Related Brain Areas. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1283-E1287.	3.6	51
140	The Myocyte Expression of Adiponectin Receptors and PPARÎ´ Is Highly Coordinated and Reflects Lipid Metabolism of the Human Donors. Experimental Diabetes Research, 2011, 2011, 1-8.	3.8	8
141	The Insulin-Mediated Modulation of Visually Evoked Magnetic Fields Is Reduced in Obese Subjects. PLoS ONE, 2011, 6, e19482.	2.5	48
142	Enforced expression of protein kinase C in skeletal muscle causes physical inactivity, fatty liver and insulin resistance in the brain. Journal of Cellular and Molecular Medicine, 2010, 14, 903-913.	3.6	16
143	Pancreatic fat is negatively associated with insulin secretion in individuals with impaired fasting glucose and/or impaired glucose tolerance: a nuclear magnetic resonance study. Diabetes/Metabolism Research and Reviews, 2010, 26, 200-205.	4.0	212
144	Association of obesity risk SNPs in PCSK1with insulin sensitivity and proinsulin conversion. BMC Medical Genetics, 2010, 11, 86.	2.1	50

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145	Novel Obesity Risk Loci Do Not Determine Distribution of Body Fat Depots: A Wholeâ€body MRI/MRS study. Obesity, 2010, 18, 1212-1217.	3.0	30
146	Insulin Modulation of Magnetoencephalographic Resting State Dynamics in Lean and Obese Subjects. Frontiers in Systems Neuroscience, 2010, 4, 157.	2.5	37
147	Evaluation of Fasting State-/Oral Glucose Tolerance Test-Derived Measures of Insulin Release for the Detection of Genetically Impaired Î²-Cell Function. PLoS ONE, 2010, 5, e14194.	2.5	65
148	Glycemia Determines the Effect of Type 2 Diabetes Risk Genes on Insulin Secretion. Diabetes, 2010, 59, 3247-3252.	0.6	43
149	The Impact of Genetic Variation in theG6PC2Gene on Insulin Secretion Depends on Glycemia. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E479-E484.	3.6	22
150	Gene Variants of TCF7L2 Influence Weight Loss and Body Composition During Lifestyle Intervention in a Population at Risk for Type 2 Diabetes. Diabetes, 2010, 59, 747-750.	0.6	69
151	Impact of Variation Near MC4R on Wholeâ€body Fat Distribution, Liver Fat, and Weight Loss. Obesity, 2009, 17, 1942-1945.	3.0	48
152	Postprandial Dynamics of Proglucagon Cleavage Products and Their Relation to Metabolic Health. Frontiers in Endocrinology, 0, 13, .	3.5	0