Bo AhrÃ©n

List of Publications by Year
in descending order

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433 papers	24,046 citations	6613 79 h-index	11307 136 g-index
443 all docs	443 docs citations	443 times ranked	16431 citing authors

#	Article	IF	Citations
1	Antidiabetogenic Effect of Glucagon-like Peptide-1 (7â€“36)amide in Normal Subjects and Patients with Diabetes Mellitus. New England Journal of Medicine, 1992, 326, 1316-1322.	27.0	860
2	The High-Fat Dietâ€“Fed Mouse. Diabetes, 2004, 53, S215-S219.	0.6	837
3	Autonomic regulation of islet hormone secretion - Implications for health and disease. Diabetologia, 2000, 43, 393-410.	6.3	776
4	Inhibition of Dipeptidyl Peptidase-4 Reduces Glycemia, Sustains Insulin Levels, and Reduces Glucagon Levels in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2078-2084.	3.6	670
5	Islet Amyloid and Type 2 Diabetes Mellitus. New England Journal of Medicine, 2000, 343, 411-419.	27.0	488
6	Twelve- and 52-Week Efficacy of the Dipeptidyl Peptidase IV Inhibitor LAF237 in Metformin-Treated Patients With Type 2 Diabetes. Diabetes Care, 2004, 27, 2874-2880.	8.6	456
7	Inhibition of Dipeptidyl Peptidase IV Improves Metabolic Control Over a 4-Week Study Period in Type 2 Diabetes. Diabetes Care, 2002, 25, 869-875.	8.6	422
8	Islet G protein-coupled receptors as potential targets for treatment of type 2 diabetes. Nature Reviews Drug Discovery, 2009, 8, 369-385.	46.4	370
9	Efficacy and safety of once-weekly semaglutide versus once-daily sitagliptin as an add-on to metformin, thiazolidinediones, or both, in patients with type 2 diabetes (SUSTAIN 2): a 56-week, double-blind, phase 3a, randomised trial. Lancet Diabetes and Endocrinology,the, 2017, 5, 341-354.	11.4	307
10	Improved Meal-Related Â-Cell Function and Insulin Sensitivity by the Dipeptidyl Peptidase-IV Inhibitor Vildagliptin in Metformin-Treated Patients With Type 2 Diabetes Over 1Year. Diabetes Care, 2005, 28, 1936-1940.	8.6	294
11	Neuropeptidergic versus cholinergic and adrenergic regulation of islet hormone secretion. Diabetologia, 1986, 29, 827-836.	6.3	274
12	Dose-Dependent Inhibition by Ghrelin of Insulin Secretion in the Mouse. Endocrinology, 2003, 144, 916-921.	2.8	266
13	Fiftyâ€twoâ€week efficacy and safety of vildagliptin vs. glimepiride in patients with type 2 diabetes mellitus inadequately controlled on metformin monotherapy. Diabetes, Obesity and Metabolism, 2009, 11, 157-166.	4.4	258
14	The Cephalic Insulin Response to Meal Ingestion in Humans Is Dependent on Both Cholinergic and Noncholinergic Mechanisms and Is Important for Postprandial Glycemia. Diabetes, 2001, 50, 1030-1038.	0.6	255
15	Alpha cell function in health and disease: influence of glucagon-like peptide-1. Diabetologia, 2005, 48, 1700-1713.	6.3	235
16	A Palaeolithic diet improves glucose tolerance more than a Mediterranean-like diet in individuals with ischaemic heart disease. Diabetologia, 2007, 50, 1795-1807.	6.3	234
17	Dipeptidyl peptidaseâ€4 inhibitors and cardiovascular risk: aâ€‰metaâ€analysis of randomized clinical trials. Diabetes, Obesity and Metabolism, 2013, 15, 112-120.	4.4	229
18	Importance of quantifying insulin secretion in relation to insulin sensitivity to accurately assess beta cell function in clinical studies. European Journal of Endocrinology, 2004, 150, 97-104.	3.7	210

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19	GLP-1 Receptor Agonists and DPP-4 Inhibitors in the Treatment of Type 2 Diabetes. Hormone and Metabolic Research, 2004, 36, 867-876.	1.5	202
20	Impaired Incretin Response After a Mixed Meal Is Associated With Insulin Resistance in Nondiabetic Men. Diabetes Care, 2001, 24, 1640-1645.	8.6	197
21	Autonomic mediation of glucagon secretion during hypoglycemia: implications for impaired alpha-cell responses in type 1 diabetes. Diabetes, 1998, 47, 995-1005.	0.6	196
22	HARMONY 3: 104-Week Randomized, Double-Blind, Placebo- and Active-Controlled Trial Assessing the Efficacy and Safety of Albiglutide Compared With Placebo, Sitagliptin, and Glimepiride in Patients With Type 2 Diabetes Taking Metformin. Diabetes Care, 2014, 37, 2141-2148.	8.6	193
23	Advancing Basal Insulin Replacement in Type 2 Diabetes Inadequately Controlled With Insulin Glargine Plus Oral Agents: A Comparison of Adding Albiglutide, a Weekly GLP-1 Receptor Agonist, Versus Thrice-Daily Prandial Insulin Lispro. Diabetes Care, 2014, 37, 2317-2325.	8.6	186
24	Improved glucose tolerance and insulin secretion by inhibition of dipeptidyl peptidase IV in mice. European Journal of Pharmacology, 2000, 404, 239-245.	3.5	184
25	Dipeptidyl Peptidase-4 Inhibitors: Clinical data and clinical implications. Diabetes Care, 2007, 30, 1344-1350.	8.6	181
26	Vildagliptin addâ€on to metformin produces similar efficacy and reduced hypoglycaemic risk compared with glimepiride, with no weight gain: results from a 2â€year study. Diabetes, Obesity and Metabolism, 2010, 12, 780-789.	4.4	178
27	Inhibitors of dipeptidyl peptidase IV: a novel approach for the prevention and treatment of Type 2 diabetes?. Expert Opinion on Investigational Drugs, 2004, 13, 1091-1102.	4.1	176
28	Vildagliptin Enhances Islet Responsiveness to Both Hyper- and Hypoglycemia in Patients with Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1236-1243.	3.6	175
29	PAC1 receptorâ€“deficient mice display impaired insulinotropic response to glucose and reduced glucose tolerance. Journal of Clinical Investigation, 2000, 105, 1307-1315.	8.2	175
30	Long-term inhibition of dipeptidyl peptidase IV improves glucose tolerance and preserves islet function in mice. European Journal of Endocrinology, 2002, 146, 717-727.	3.7	173
31	Glycaemic efficacy of glucagonâ€like peptideâ€1 receptor agonists and dipeptidyl peptidaseâ€4 inhibitors as addâ€on therapy to metformin in subjects with type 2 diabetesâ€”a review and meta analysis. Diabetes, Obesity and Metabolism, 2012, 14, 762-767.	4.4	168
32	DPP-4 inhibitors. Best Practice and Research in Clinical Endocrinology and Metabolism, 2007, 21, 517-533.	4.7	162
33	Incretin and islet hormonal responses to fat and protein ingestion in healthy men. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E779-E784.	3.5	161
34	Incretin Hormone and Insulin Responses to OralVersusIntravenous Lipid Administration in Humans. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2519-2524.	3.6	161
35	Efficacy and Safety of Liraglutide Added to Capped Insulin Treatment in Subjects With Type 1 Diabetes: The ADJUNCT TWO Randomized Trial. Diabetes Care, 2016, 39, 1693-1701.	8.6	159
36	G-protein-coupled receptors and islet functionâ€”Implications for treatment of type 2 diabetes. , 2007, 116, 437-448.		152

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37	Efficacy and Safety of Lixisenatide Once-Daily Morning or Evening Injections in Type 2 Diabetes Inadequately Controlled on Metformin (GetGoal-M). Diabetes Care, 2013, 36, 2543-2550.	8.6	150
38	Regulation of plasma leptin in mice: influence of age, high-fat diet, and fasting. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R113-R120.	1.8	137
39	Insulin Resistance Is Accompanied by Increased Fasting Glucagon and Delayed Glucagon Suppression in Individuals With Normal and Impaired Glucose Regulation. Diabetes, 2016, 65, 3473-3481.	0.6	137
40	Avoiding hypoglycemia: a key to success for glucose-lowering therapy in type 2 diabetes. Vascular Health and Risk Management, 2013, 9, 155.	2.3	135
41	Mechanisms of action of the dipeptidyl peptidase-4 inhibitor vildagliptin in humans. Diabetes, Obesity and Metabolism, 2011, 13, 775-783.	4.4	134
42	Secretion and Dipeptidyl Peptidase-4-Mediated Metabolism of Incretin Hormones after a Mixed Meal or Glucose Ingestion in Obese Compared to Lean, Nondiabetic Men. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 872-878.	3.6	127
43	Basal Release of Insulin and Glucagon*. Endocrinology, 1987, 121, 323-331.	2.8	126
44	Pituitary adenylate cyclase-activating polypeptide (PACAP): occurrence in rodent pancreas and effects on insulin and glucagon secretion in the mouse. Cell and Tissue Research, 1992, 269, 275-279.	2.9	126
45	Effects of Glucagon-Like Peptide-1 on Islet Function and Insulin Sensitivity in Noninsulin-Dependent Diabetes Mellitus1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 473-478.	3.6	124
46	Fasting Until Noon Triggers Increased Postprandial Hyperglycemia and Impaired Insulin Response After Lunch and Dinner in Individuals With Type 2 Diabetes: A Randomized Clinical Trial. Diabetes Care, 2015, 38, 1820-1826.	8.6	124
47	Incretin, insulinotropic and glucose-lowering effects of whey protein pre-load in type 2 diabetes: a randomised clinical trial. Diabetologia, 2014, 57, 1807-1811.	6.3	122
48	Influences of Breakfast on Clock Gene Expression and Postprandial Glycemia in Healthy Individuals and Individuals With Diabetes: A Randomized Clinical Trial. Diabetes Care, 2017, 40, 1573-1579.	8.6	119
49	Type 2 Diabetes, Insulin Secretion and β-Cell Mass. Current Molecular Medicine, 2005, 5, 275-286.	1.3	118
50	The Mechanism of Vagal Nerve Stimulation of Glucagon and Insulin Secretion in the Dog*. Endocrinology, 1986, 118, 1551-1557.	2.8	117
51	Dissociated insulinotropic sensitivity to glucose and carbachol in high-fat dietâ€"induced insulin resistance in C57BL/6J mice. Metabolism: Clinical and Experimental, 1997, 46, 97-106.	3.4	117
52	Gut peptides and type 2 diabetes mellitus treatment. Current Diabetes Reports, 2003, 3, 365-372.	4.2	117
53	Glucose-Induced Incretin Hormone Release and Inactivation Are Differently Modulated by Oral Fat and Protein in Mice. Endocrinology, 2006, 147, 3173-3180.	2.8	114
54	Glucagon-like peptide-1 (GLP-1): A gut hormone of potential interest in the treatment of diabetes. BioEssays, 1998, 20, 642-651.	2.5	113

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55	Improved Î²-cell function after standardized weight reduction in severely obese subjects. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E557-E565.	3.5	111
56	Neuropeptide Y: Intrapancreatic neuronal localization and effects on insulin secretion in the mouse. Cell and Tissue Research, 1987, 248, 43-48.	2.9	110
57	Potential Therapeutic Levels of Glucagon-Like Peptide I Achieved in Humans by a Buccal Tablet. Diabetes Care, 1996, 19, 843-848.	8.6	107
58	Glucagon Receptor Knockout Mice Display Increased Insulin Sensitivity and Impaired Â-Cell Function. Diabetes, 2006, 55, 3463-3469.	0.6	104
59	Physiology of Incretins in Health and Disease. Review of Diabetic Studies, 2011, 8, 293-306.	1.3	103
60	Glucagonâ€like peptideâ€1 reduces hepatic glucose production indirectly through insulin and glucagon in humans. Acta Physiologica Scandinavica, 1997, 160, 413-422.	2.2	102
61	Contribution to glucose tolerance of insulin-independent vs. insulin-dependent mechanisms in mice. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E693-E703.	3.5	102
62	Pleiotropic Mechanisms for the Glucose-Lowering Action of DPP-4 Inhibitors. Diabetes, 2014, 63, 2196-2202.	0.6	101
63	Effects of Glucagon-Like Peptide-1 on Islet Function and Insulin Sensitivity in Noninsulin-Dependent Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 473-478.	3.6	100
64	Marked and rapid decreases of circulating leptin in streptozotocin diabetic rats: reversal by insulin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R1482-R1491.	1.8	96
65	Clinical results of treating type 2 diabetic patients with sitagliptin, vildagliptin or saxagliptin â€“ diabetes control and potential adverse events. Best Practice and Research in Clinical Endocrinology and Metabolism, 2009, 23, 487-498.	4.7	95
66	Inhibition of Dipeptidyl Peptidase-4 Augments Insulin Secretion in Response to Exogenously Administered Glucagon-Like Peptide-1, Glucose-Dependent Insulinotropic Polypeptide, Pituitary Adenylate Cyclase-Activating Polypeptide, and Gastrin-Releasing Peptide in Mice. Endocrinology, 2005, 146, 2055-2059.	2.8	94
67	GPR40 is expressed in glucagon producing cells and affects glucagon secretion. Biochemical and Biophysical Research Communications, 2007, 354, 240-245.	2.1	94
68	Marked hyperleptinemia after high-fat diet associated with severe glucose intolerance in mice. European Journal of Endocrinology, 1998, 139, 461-467.	3.7	92
69	High-energy breakfast with low-energy dinner decreases overall daily hyperglycaemia in type 2 diabetic patients: a randomised clinical trial. Diabetologia, 2015, 58, 912-919.	6.3	92
70	Glucagon â€“ Early breakthroughs and recent discoveries. Peptides, 2015, 67, 74-81.	2.4	91
71	Glucose-dependent arginine stimulation test for characterization of islet function: studies on reproducibility and priming effect of arginine. Diabetologia, 1998, 41, 772-777.	6.3	90
72	Insulin secretion and incretin hormones after oral glucose in non-obese subjects with impaired glucose tolerance. Metabolism: Clinical and Experimental, 2004, 53, 624-631.	3.4	90

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73	Islet dysfunction in insulin resistance involves impaired insulin secretion and increased glucagon secretion in postmenopausal women with impaired glucose tolerance. Diabetes Care, 2000, 23, 650-657.	8.6	88
74	Sensory nerves contribute to insulin secretion by glucagon-like peptide-1 in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 286, R269-R272.	1.8	87
75	Comparative evaluation of simple insulin sensitivity methods based on the oral glucose tolerance test. Diabetologia, 2005, 48, 748-751.	6.3	87
76	Semaglutide induces weight loss in subjects with type 2 diabetes regardless of baseline <scp>BMI</scp> or gastrointestinal adverse events in the SUSTAIN 1 to 5 trials. Diabetes, Obesity and Metabolism, 2018, 20, 2210-2219.	4.4	87
77	Emerging dipeptidyl peptidase-4 inhibitors for the treatment of diabetes. Expert Opinion on Emerging Drugs, 2008, 13, 593-607.	2.4	84
78	Impaired glucose tolerance (IGT) is associated with reduced insulin-induced suppression of glucagon concentrations. Diabetologia, 2001, 44, 1998-2003.	6.3	83
79	Vildagliptin Reduces Glucagon during Hyperglycemia and Sustains Glucagon Counterregulation during Hypoglycemia in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 3799-3806.	3.6	83
80	Galanin is co-localized with noradrenaline and neuropeptide Y in dog pancreas and celiac ganglion. Cell and Tissue Research, 1990, 261, 49-58.	2.9	82
81	Role of VIP and PACAP in islet function. Peptides, 2007, 28, 1805-1813.	2.4	81
82	Diurnal variation in circulating leptin is dependent on gender, food intake and circulating insulin in mice. Acta Physiologica Scandinavica, 2000, 169, 325-331.	2.2	80
83	The Neuropeptide Pituitary Adenylate Cyclase-Activating Polypeptide and Islet Function. Diabetes, 2001, 50, 1959-1969.	0.6	80
84	Islet adaptation to insulin resistance: mechanisms and implications for intervention. Diabetes, Obesity and Metabolism, 2005, 7, 2-8.	4.4	79
85	GLP-1 for type 2 diabetes. Experimental Cell Research, 2011, 317, 1239-1245.	2.6	78
86	Somatostatin, Pancreatic Polypeptide, Substance P, and Neurotensin: Cellular Distribution and Effects on Stimulated Insulin Secretion in the Mouse*. Endocrinology, 1979, 104, 832-838.	2.8	77
87	Activation of Autonomic Nerves and the Adrenal Medulla Contributes to Increased Glucagon Secretion During Moderate Insulin-Induced Hypoglycemia in Women. Diabetes, 1997, 46, 801-807.	0.6	77
88	GLP-1 Tablet in Type 2 Diabetes in Fasting and Postprandial Conditions. Diabetes Care, 1997, 20, 1874-1879.	8.6	76
89	Changes in Prandial Glucagon Levels After a 2-Year Treatment With Vildagliptin or Glimepiride in Patients With Type 2 Diabetes Inadequately Controlled With Metformin Monotherapy. Diabetes Care, 2010, 33, 730-732.	8.6	76
90	Increased Î²-cell volume in mice fed a high-fat diet: A dynamic study over 12 months. Islets, 2010, 2, 353-356.	1.8	76

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91	Insufficient islet compensation to insulin resistance vs. reduced glucose effectiveness in glucose-intolerant mice. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E738-E744.	3.5	75
92	Differential Islet and Incretin Hormone Responses in MorningVersusAfternoon after Standardized Meal in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2887-2892.	3.6	75
93	Vildagliptin: an inhibitor of dipeptidyl peptidase-4 with antidiabetic properties. Expert Opinion on Investigational Drugs, 2006, 15, 431-442.	4.1	74
94	Characterization of GLP-1 Effects on Â-Cell Function After Meal Ingestion in Humans. Diabetes Care, 2003, 26, 2860-2864.	8.6	71
95	Regulation of circulating leptin in humans. Endocrine, 1997, 7, 1-8.	2.2	70
96	Loss-of-Function Mutation of the Galanin Gene Is Associated with Perturbed Islet Function in Mice. Endocrinology, 2004, 145, 3190-3196.	2.8	70
97	Dipeptidyl peptidase 4 (DPP-4) is expressed in mouse and human islets and its activity is decreased in human islets from individuals with type 2 diabetes. Diabetologia, 2014, 57, 1876-1883.	6.3	69
98	Glucagon immunoreactivity in plasma from normal and dystrophic mice. Diabetologia, 1982, 22, 258-263.	6.3	68
99	Pituitary Adenylate Cyclase-Activating Polypeptide Stimulates Insulin and Glucagon Secretion in Humans*. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3093-3098.	3.6	68
100	Effect of a Conjugated Linoleic Acid and Ï‰â€3 Fatty Acid Mixture on Body Composition and Adiponectin. Obesity, 2008, 16, 1019-1024.	3.0	68
101	DPP-4 Inhibition and the Path to Clinical Proof. Frontiers in Endocrinology, 2019, 10, 376.	3.5	68
102	GLP-1 and GLP-17-36 Amide. Pancreas, 1991, 6, 208-215.	1.1	67
103	PACAP and PACAP receptors in insulin producing tissues: localization and effects. Regulatory Peptides, 1998, 74, 167-175.	1.9	66
104	Assessment of insulin secretion in relation to insulin resistance. Current Opinion in Clinical Nutrition and Metabolic Care, 2005, 8, 529-533.	2.5	65
105	Galanin: effects on basal and stimulated insulin and glucagon secretion in the mouse. Acta Physiologica Scandinavica, 1987, 129, 305-309.	2.2	64
106	Pancreastatin Inhibits Insulin Secretion and Stimulates Glucagon Secretion in Mice. Diabetes, 1988, 37, 281-285.	0.6	64
107	Antidiabetogenic Action of Cholecystokinin-8 in Type 2 Diabetes*. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1043-1048.	3.6	64
108	Fibroblast Growth Factor 21 (FGF21) and Glucagon-Like Peptide 1 Contribute to Diabetes Resistance in Glucagon Receptorâ€“Deficient Mice. Diabetes, 2014, 63, 101-110.	0.6	64

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109	Insulin resistant subjects lack islet adaptation to short-term dexamethasone-induced reduction in insulin sensitivity. Diabetologia, 1999, 42, 936-943.	6.3	63
110	Novel combination treatment of type 2 diabetes DPP-4 inhibition + metformin. Vascular Health and Risk Management, 2008, Volume 4, 383-394.	2.3	63
111	Glucose intolerance is predicted by low insulin secretion and high glucagon secretion: outcome of a prospective study in postmenopausal Caucasian women. Diabetologia, 2000, 43, 194-202.	6.3	62
112	Reduced GLP-1 and insulin responses and glucose intolerance after gastric glucose in GRP receptor-deleted mice. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E956-E962.	3.5	61
113	Glucagon receptor antagonism improves islet function in mice with insulin resistance induced by a high-fat diet. Diabetologia, 2007, 50, 1453-1462.	6.3	61
114	Failure to adequately adapt reduced insulin sensitivity with increased insulin secretion in women with impaired glucose tolerance. Diabetologia, 1996, 39, 1099-1107.	6.3	60
115	Galanin and the endocrine pancreas. FEBS Letters, 1988, 229, 233-237.	2.8	59
116	GLP-1 and Extra-islet Effects. Hormone and Metabolic Research, 2004, 36, 842-845.	1.5	59
117	Antidiabetogenic Action of Cholecystokinin-8 in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1043-1048.	3.6	59
118	Incretin Effect After Oral Amino Acid Ingestion in Humans. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1172-1176.	3.6	58
119	Both leptin and leptin-receptor are essential for apolipoprotein M expression in vivo. Biochemical and Biophysical Research Communications, 2004, 321, 916-921.	2.1	57
120	Î²- and Î±-Cell Dysfunction in Subjects Developing Impaired Glucose Tolerance. Diabetes, 2009, 58, 726-731.	0.6	57
121	Enhanced beta cell function and anti-inflammatory effect after chronic treatment with the dipeptidyl peptidase-4 inhibitor vildagliptin in an advanced-aged diet-induced obesity mouse model. Diabetologia, 2013, 56, 1752-1760.	6.3	57
122	Improved glucose regulation in type 2 diabetic patients with DPP-4 inhibitors: focus on alpha and beta cell function and lipid metabolism. Diabetologia, 2016, 59, 907-917.	6.3	56
123	The islet enhancer vildagliptin: mechanisms of improved glucose metabolism. International Journal of Clinical Practice, 2008, 62, 8-14.	1.7	55
124	Incretin dysfunction in type 2 diabetes: Clinical impact and future perspectives. Diabetes and Metabolism, 2013, 39, 195-201.	2.9	55
125	Reduction in Glycated Hemoglobin and Daily Insulin Dose Alongside Circadian Clock Upregulation in Patients With Type 2 Diabetes Consuming a Three-Meal Diet: A Randomized Clinical Trial. Diabetes Care, 2019, 42, 2171-2180.	8.6	54
126	Plasma leptin and insulin in C57Bl/6J mice on a highâ€fat diet: relation to subsequent changes in body weight. Acta Physiologica Scandinavica, 1999, 165, 233-240.	2.2	53

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127	The future of incretinâ€based therapy: novel avenuesâ€"novel targets. Diabetes, Obesity and Metabolism, 2011, 13, 158-166.	4.4	53
128	Liraglutide in people treated for type 2 diabetes with multiple daily insulin injections: randomised clinical trial (MDI Liraglutide trial). BMJ, The, 2015, 351, h5364.	6.0	53
129	Fasting blood glucose in determining the prevalence of diabetes in a large, homogeneous population of Caucasian middleâ€aged women. Journal of Internal Medicine, 1995, 237, 537-541.	6.0	52
130	Cholecystokinin and the Regulation of Insulin Secretion. Scandinavian Journal of Gastroenterology, 1992, 27, 161-165.	1.5	51
131	Î²-Cell-targeted Overexpression of Phosphodiesterase 3B in Mice Causes Impaired Insulin Secretion, Glucose Intolerance, and Deranged Islet Morphology. Journal of Biological Chemistry, 2004, 279, 15214-15222.	3.4	51
132	Acylation stimulating protein stimulates insulin secretion. International Journal of Obesity, 2003, 27, 1037-1043.	3.4	49
133	Reduced insulin clearance contributes to the increased insulin levels after administration of glucagon-like peptide 1 in mice. Diabetologia, 2005, 48, 2140-2146.	6.3	49
134	Age-Related Reduction in Glucose Elimination Is Accompanied by Reduced Glucose Effectiveness and Increased Hepatic Insulin Extraction in Man1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 3350-3356.	3.6	48
135	Body Adiposity, Insulin, and Leptin in Subgroups of Peruvian Amerindians. High Altitude Medicine and Biology, 2004, 5, 27-31.	0.9	48
136	Clinical evidence and mechanistic basis for vildagliptin's action when added to metformin. Diabetes, Obesity and Metabolism, 2011, 13, 193-203.	4.4	48
137	DPP-4 is expressed in human pancreatic beta cells and its direct inhibition improves beta cell function and survival in type 2 diabetes. Molecular and Cellular Endocrinology, 2018, 473, 186-193.	3.2	48
138	Presence of galanin in human pancreatic nerves and inhibition of insulin secretion from isolated human islets. Cell and Tissue Research, 1991, 264, 263-267.	2.9	47
139	Galanin-immunoreactive nerves in the mouse and rat pancreas. Cell and Tissue Research, 1991, 264, 363-368.	2.9	47
140	Reduced gastric inhibitory polypeptide but normal glucagon-like peptide 1 response to oral glucose in postmenopausal women with impaired glucose tolerance. European Journal of Endocrinology, 1997, 137, 127-131.	3.7	47
141	Methods and Models for Metabolic Assessment in Mice. Journal of Diabetes Research, 2013, 2013, 1-8.	2.3	47
142	Effects of cholecystokinin (CCK)-8, CCK-33, and gastric inhibitory polypeptide (GIP) on basal and meal-stimulated pancreatic hormone secretion in man. Diabetes Research and Clinical Practice, 1991, 13, 153-161.	2.8	46
143	Insulin plus incretin: A glucose-lowering strategy for type 2-diabetes. World Journal of Diabetes, 2014, 5, 40.	3.5	46
144	Sensory nerve desensitization by resiniferatoxin improves glucose tolerance and increases insulin secretion in Zucker Diabetic Fatty rats and is associated with reduced plasma activity of dipeptidyl peptidase IV. European Journal of Pharmacology, 2005, 509, 211-217.	3.5	45

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145	Dose-related effects of GLP-1 on insulin secretion, insulin sensitivity, and glucose effectiveness in mice. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E996-E1004.	3.5	44
146	Islet dysfunction in obese women with impaired glucose tolerance. Metabolism: Clinical and Experimental, 1996, 45, 502-509.	3.4	43
147	Signaling mechanisms underlying the insulinotropic effect of pituitary adenylate cyclase-activating polypeptide in HIT-T15 cells.. Endocrinology, 1996, 137, 2791-2798.	2.8	43
148	Quantification of Insulin Secretion in Relation to Insulin Sensitivity in Nondiabetic Postmenopausal Women. Diabetes, 2002, 51, S202-S211.	0.6	43
149	High-energy breakfast based on whey protein reduces body weight, postprandial glycemia and HbA 1C in Type 2 diabetes. Journal of Nutritional Biochemistry, 2017, 49, 1-7.	4.2	43
150	Relative Hyperproinsulinemia as a Sign of Islet Dysfunction in Women with Impaired Glucose Tolerance1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 2068-2074.	3.6	42
151	Glucagon dynamics during hypoglycaemia and foodâ€reâ€challenge following treatment with vildagliptin in insulinâ€treated patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2014, 16, 812-818.	4.4	42
152	Localization of calcitonin gene-related peptide and islet amyloid polypeptide in the rat and mouse pancreas. Cell and Tissue Research, 1992, 269, 315-322.	2.9	41
153	GLP-1-based therapy of type 2 diabetes: GLP-1 mimetics and DPP-IV inhibitors. Current Diabetes Reports, 2007, 7, 340-347.	4.2	41
154	Incretin Hormone Secretion Over the Day. Vitamins and Hormones, 2010, 84, 203-220.	1.7	41
155	Transgenic overexpression of human islet amyloid polypeptide inhibits insulin secretion and glucose elimination after gastric glucose gavage in mice. Diabetologia, 1998, 41, 1374-1380.	6.3	40
156	Correlation of apolipoprotein M with leptin and cholesterol in normal and obese subjects. Journal of Nutritional Biochemistry, 2004, 15, 579-582.	4.2	40
157	Insulin secretion after dietary supplementation with conjugated linoleic acids and n-3 polyunsaturated fatty acids in normal and insulin-resistant mice. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E347-E354.	3.5	40
158	Improved Meal-related Insulin Processing Contributes to the Enhancement of B-Cell Function by the DPP-4 Inhibitor Vildagliptin in Patients with Type 2 Diabetes. Hormone and Metabolic Research, 2007, 39, 826-829.	1.5	40
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