

Jens J Holst Dmsci

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1,063
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195
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1,115
ext. papers

66,246
ext. citations

6
avg, IF

7.96
L-index

#	Paper	IF	Citations
1063	The physiology of glucagon-like peptide 1. <i>Physiological Reviews</i> , 2007 , 87, 1409-39	47.9	2104
1062	Effect of 6-week course of glucagon-like peptide 1 on glycaemic control, insulin sensitivity, and beta-cell function in type 2 diabetes: a parallel-group study. <i>Lancet, The</i> , 2002 , 359, 824-30	40	1085
1061	Antidiabetogenic effect of glucagon-like peptide-1 (7-36)amide in normal subjects and patients with diabetes mellitus. <i>New England Journal of Medicine</i> , 1992 , 326, 1316-22	59.2	764
1060	Switching from insulin to oral sulfonylureas in patients with diabetes due to Kir6.2 mutations. <i>New England Journal of Medicine</i> , 2006 , 355, 467-77	59.2	740
1059	Determinants of the impaired secretion of glucagon-like peptide-1 in type 2 diabetic patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3717-23	5.6	691
1058	Inhibition of gastric inhibitory polypeptide signaling prevents obesity. <i>Nature Medicine</i> , 2002 , 8, 738-42	50.5	676
1057	Type 2 diabetes mellitus. <i>Nature Reviews Disease Primers</i> , 2015 , 1, 15019	51.1	651
1056	Truncated GLP-1 (proglucagon 78-107-amide) inhibits gastric and pancreatic functions in man. <i>Digestive Diseases and Sciences</i> , 1993 , 38, 665-73	4	575
1055	Effects of glucagon-like peptide-1 on endothelial function in type 2 diabetes patients with stable coronary artery disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 287, E1209-15	6	518
1054	The influence of GLP-1 on glucose-stimulated insulin secretion: effects on beta-cell sensitivity in type 2 and nondiabetic subjects. <i>Diabetes</i> , 2003 , 52, 380-6	0.9	467
1053	Glucagon-like peptide-1-(7-36)amide is transformed to glucagon-like peptide-1-(9-36)amide by dipeptidyl peptidase IV in the capillaries supplying the L cells of the porcine intestine. <i>Endocrinology</i> , 1999 , 140, 5356-63	4.8	453
1052	Effects of glucagon-like peptide 1 on counterregulatory hormone responses, cognitive functions, and insulin secretion during hyperinsulinemic, stepped hypoglycemic clamp experiments in healthy volunteers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 1239-46	5.6	447
1051	Improvement of Insulin Sensitivity after Lean Donor Feces in Metabolic Syndrome Is Driven by Baseline Intestinal Microbiota Composition. <i>Cell Metabolism</i> , 2017 , 26, 611-619.e6	24.6	440
1050	Serum bile acids are higher in humans with prior gastric bypass: potential contribution to improved glucose and lipid metabolism. <i>Obesity</i> , 2009 , 17, 1671-7	8	431
1049	Role of incretin hormones in the regulation of insulin secretion in diabetic and nondiabetic humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 287, E199-206	6	431
1048	Glucagon-like peptide 2 improves nutrient absorption and nutritional status in short-bowel patients with no colon. <i>Gastroenterology</i> , 2001 , 120, 806-15	13.3	429
1047	Effect of single oral doses of sitagliptin, a dipeptidyl peptidase-4 inhibitor, on incretin and plasma glucose levels after an oral glucose tolerance test in patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 4612-9	5.6	423

1046	Glucagon-like peptides GLP-1 and GLP-2, predicted products of the glucagon gene, are secreted separately from pig small intestine but not pancreas. <i>Endocrinology</i> , 1986 , 119, 1467-75	4.8	403
1045	Exenatide reduces reperfusion injury in patients with ST-segment elevation myocardial infarction. <i>European Heart Journal</i> , 2012 , 33, 1491-9	9.5	401
1044	The incretin system and its role in type 2 diabetes mellitus. <i>Molecular and Cellular Endocrinology</i> , 2009 , 297, 127-36	4.4	397
1043	Glycemia and insulinemia in healthy subjects after lactose-equivalent meals of milk and other food proteins: the role of plasma amino acids and incretins. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1246-53	7	333
1042	Degradation of endogenous and exogenous gastric inhibitory polypeptide in healthy and in type 2 diabetic subjects as revealed using a new assay for the intact peptide. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3575-81	5.6	322
1041	Both GLP-1 and GIP are insulinotropic at basal and postprandial glucose levels and contribute nearly equally to the incretin effect of a meal in healthy subjects. <i>Regulatory Peptides</i> , 2003 , 114, 115-21		315
1040	Glucagon-like peptide 1 inhibition of gastric emptying outweighs its insulinotropic effects in healthy humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997 , 273, E981-8	6	308
1039	Separate impact of obesity and glucose tolerance on the incretin effect in normal subjects and type 2 diabetic patients. <i>Diabetes</i> , 2008 , 57, 1340-8	0.9	297
1038	Disruption of PC1/3 expression in mice causes dwarfism and multiple neuroendocrine peptide processing defects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 10293-8	11.5	289
1037	Normalization of glucose concentrations and deceleration of gastric emptying after solid meals during intravenous glucagon-like peptide 1 in patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 2719-25	5.6	288
1036	Exaggerated glucagon-like peptide-1 and blunted glucose-dependent insulinotropic peptide secretion are associated with Roux-en-Y gastric bypass but not adjustable gastric banding. <i>Surgery for Obesity and Related Diseases</i> , 2007 , 3, 597-601	3	285
1035	Metabolic effects of amino acid mixtures and whey protein in healthy subjects: studies using glucose-equivalent drinks. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 996-1004	7	271
1034	Predictors of incretin concentrations in subjects with normal, impaired, and diabetic glucose tolerance. <i>Diabetes</i> , 2008 , 57, 678-87	0.9	268
1033	Double incretin receptor knockout (DIRKO) mice reveal an essential role for the enteroinsular axis in transducing the glucoregulatory actions of DPP-IV inhibitors. <i>Diabetes</i> , 2004 , 53, 1326-35	0.9	260
1032	Exenatide augments first- and second-phase insulin secretion in response to intravenous glucose in subjects with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 5991-7	5.6	255
1031	GLP-1 and GIP are colocalized in a subset of endocrine cells in the small intestine. <i>Regulatory Peptides</i> , 2003 , 114, 189-96		252
1030	Reduced incretin effect in type 2 diabetes: cause or consequence of the diabetic state?. <i>Diabetes</i> , 2007 , 56, 1951-9	0.9	251
1029	Effect of whey on blood glucose and insulin responses to composite breakfast and lunch meals in type 2 diabetic subjects. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 69-75	7	249

1028	Meals with similar energy densities but rich in protein, fat, carbohydrate, or alcohol have different effects on energy expenditure and substrate metabolism but not on appetite and energy intake. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 91-100	7	245
1027	Differential effects of saturated and monounsaturated fatty acids on postprandial lipemia and incretin responses in healthy subjects. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 1135-43	7	245
1026	Secretion, degradation, and elimination of glucagon-like peptide 1 and gastric inhibitory polypeptide in patients with chronic renal insufficiency and healthy control subjects. <i>Diabetes</i> , 2004 , 53, 654-62	0.9	244
1025	Effect of whey on blood glucose and insulin responses to composite breakfast and lunch meals in type 2 diabetic subjects. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 69-75	7	240
1024	Small-intestinal dysfunction accompanies the complex endocrinopathy of human proprotein convertase 1 deficiency. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1550-1560	15.9	240
1023	Rapid tachyphylaxis of the glucagon-like peptide 1-induced deceleration of gastric emptying in humans. <i>Diabetes</i> , 2011 , 60, 1561-5	0.9	235
1022	Role of gastrointestinal hormones in postprandial reduction of bone resorption. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 2180-9	6.3	233
1021	A major lineage of enteroendocrine cells coexpress CCK, secretin, GIP, GLP-1, PYY, and neurotensin but not somatostatin. <i>Endocrinology</i> , 2012 , 153, 5782-95	4.8	231
1020	Glucagonlike peptide 1: a newly discovered gastrointestinal hormone. <i>Gastroenterology</i> , 1994 , 107, 1848-55	8.5	228
1019	Antihyperglycemic effects of stevioside in type 2 diabetic subjects. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 73-6	12.7	227
1018	Exaggerated glucagon-like peptide 1 response is important for improved β cell function and glucose tolerance after Roux-en-Y gastric bypass in patients with type 2 diabetes. <i>Diabetes</i> , 2013 , 62, 3044-52	0.9	221
1017	Postprandial glucose, insulin, and incretin responses to grain products in healthy subjects. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 254-62	7	221
1016	Mechanisms of changes in glucose metabolism and bodyweight after bariatric surgery. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 152-64	18.1	218
1015	Gastric emptying, gastric secretion and enterogastrone response after administration of milk proteins or their peptide hydrolysates in humans. <i>European Journal of Nutrition</i> , 2004 , 43, 127-39	5.2	217
1014	Glucose-dependent insulintropic polypeptide: a bifunctional glucose-dependent regulator of glucagon and insulin secretion in humans. <i>Diabetes</i> , 2011 , 60, 3103-9	0.9	208
1013	The dipeptidyl peptidase IV inhibitor vildagliptin suppresses endogenous glucose production and enhances islet function after single-dose administration in type 2 diabetic patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1249-55	5.6	207
1012	Diet- and colonization-dependent intestinal dysfunction predisposes to necrotizing enterocolitis in preterm pigs. <i>Gastroenterology</i> , 2006 , 130, 1776-92	13.3	207
1011	Including indigestible carbohydrates in the evening meal of healthy subjects improves glucose tolerance, lowers inflammatory markers, and increases satiety after a subsequent standardized breakfast. <i>Journal of Nutrition</i> , 2008 , 138, 732-9	4.1	206

1010	Determinants of the Impaired Secretion of Glucagon-Like Peptide-1 in Type 2 Diabetic Patients		206
1009	2-Oleoyl glycerol is a GPR119 agonist and signals GLP-1 release in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1409-17	5.6	201
1008	Bile Acids Trigger GLP-1 Release Predominantly by Accessing Basolaterally Located G Protein-Coupled Bile Acid Receptors. <i>Endocrinology</i> , 2015 , 156, 3961-70	4.8	199
1007	Glucagon-like peptide 2 stimulates glucagon secretion, enhances lipid absorption, and inhibits gastric acid secretion in humans. <i>Gastroenterology</i> , 2006 , 130, 44-54	13.3	197
1006	The glucagonostatic and insulinotropic effects of glucagon-like peptide 1 contribute equally to its glucose-lowering action. <i>Diabetes</i> , 2010 , 59, 1765-70	0.9	194
1005	Early enhancements of hepatic and later of peripheral insulin sensitivity combined with increased postprandial insulin secretion contribute to improved glycemic control after Roux-en-Y gastric bypass. <i>Diabetes</i> , 2014 , 63, 1725-37	0.9	192
1004	GLP-2 receptor localizes to enteric neurons and endocrine cells expressing vasoactive peptides and mediates increased blood flow. <i>Gastroenterology</i> , 2006 , 130, 150-64	13.3	191
1003	Minimal enteral nutrient requirements for intestinal growth in neonatal piglets: how much is enough?. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 1603-10	7	187
1002	Effects of Gut Microbiota Manipulation by Antibiotics on Host Metabolism in Obese Humans: A Randomized Double-Blind Placebo-Controlled Trial. <i>Cell Metabolism</i> , 2016 , 24, 63-74	24.6	187
1001	Roux-en-Y gastric bypass surgery of morbidly obese patients induces swift and persistent changes of the individual gut microbiota. <i>Genome Medicine</i> , 2016 , 8, 67	14.4	187
1000	Small-molecule agonists for the glucagon-like peptide 1 receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 937-42	11.5	186
999	Loss of incretin effect is a specific, important, and early characteristic of type 2 diabetes. <i>Diabetes Care</i> , 2011 , 34 Suppl 2, S251-7	14.6	185
998	Structure, measurement, and secretion of human glucagon-like peptide-2. <i>Peptides</i> , 2000 , 21, 73-80	3.8	183
997	Cellular regulation of islet hormone secretion by the incretin hormone glucagon-like peptide 1. <i>Pflügers Archiv European Journal of Physiology</i> , 1998 , 435, 583-94	4.6	181
996	Ileal release of glucagon-like peptide-1 (GLP-1). Association with inhibition of gastric acid secretion in humans. <i>Digestive Diseases and Sciences</i> , 1995 , 40, 1074-82	4	181
995	GIP receptor antagonism reverses obesity, insulin resistance, and associated metabolic disturbances induced in mice by prolonged consumption of high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E1746-55	6	180
994	GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. <i>Diabetes</i> , 2015 , 64, 2513-25	0.9	171
993	Oral glutamine increases circulating glucagon-like peptide 1, glucagon, and insulin concentrations in lean, obese, and type 2 diabetic subjects. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 106-113	7	171

992	Effects of PYY1-36 and PYY3-36 on appetite, energy intake, energy expenditure, glucose and fat metabolism in obese and lean subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E1062-8	6	171
991	Effect of a high-protein breakfast on the postprandial ghrelin response. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 211-20	7	167
990	Colonic fermentation influences lower esophageal sphincter function in gastroesophageal reflux disease. <i>Gastroenterology</i> , 2003 , 124, 894-902	13.3	167
989	Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial. <i>Gut</i> , 2019 , 68, 83-93	19.2	162
988	Effect of glucagon-like peptide-1 (proglucagon 78-107amide) on hepatic glucose production in healthy man. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 104-8	12.7	159
987	Impaired regulation of the incretin effect in patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 737-45	5.6	157
986	Early differential defects of insulin secretion and action in 19-year-old caucasian men who had low birth weight. <i>Diabetes</i> , 2002 , 51, 1271-80	0.9	157
985	Discovery, characterization, and clinical development of the glucagon-like peptides. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4217-4227	15.9	157
984	GLP-2 stimulates colonic growth via KGF, released by subepithelial myofibroblasts with GLP-2 receptors. <i>Regulatory Peptides</i> , 2005 , 124, 105-12		156
983	Structural differences between rye and wheat breads but not total fiber content may explain the lower postprandial insulin response to rye bread. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 957-64 ⁷		156
982	Inhibitors of dipeptidyl peptidase IV: a novel approach for the prevention and treatment of Type 2 diabetes?. <i>Expert Opinion on Investigational Drugs</i> , 2004 , 13, 1091-102	5.9	155
981	Improved glucose tolerance and insulin secretion by inhibition of dipeptidyl peptidase IV in mice. <i>European Journal of Pharmacology</i> , 2000 , 404, 239-45	5.3	153
980	GLP-2-mediated up-regulation of intestinal blood flow and glucose uptake is nitric oxide-dependent in TPN-fed piglets 1. <i>Gastroenterology</i> , 2003 , 125, 136-47	13.3	152
979	Effect of dairy calcium or supplementary calcium intake on postprandial fat metabolism, appetite, and subsequent energy intake. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 678-87	7	151
978	Differential effects of saturated and monounsaturated fats on postprandial lipemia and glucagon-like peptide 1 responses in patients with type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 605-11	7	147
977	Colonic infusions of short-chain fatty acid mixtures promote energy metabolism in overweight/obese men: a randomized crossover trial. <i>Scientific Reports</i> , 2017 , 7, 2360	4.9	144
976	Emptying of the gastric substitute, glucagon-like peptide-1 (GLP-1), and reactive hypoglycemia after total gastrectomy. <i>Digestive Diseases and Sciences</i> , 1991 , 36, 1361-70	4	144
975	GPR119 as a fat sensor. <i>Trends in Pharmacological Sciences</i> , 2012 , 33, 374-81	13.2	142

974	The use of glycaemic index tables to predict glycaemic index of composite breakfast meals. <i>British Journal of Nutrition</i> , 2004 , 91, 979-89	3.6	139
973	Effects of the dipeptidyl peptidase-IV inhibitor vildagliptin on incretin hormones, islet function, and postprandial glycemia in subjects with impaired glucose tolerance. <i>Diabetes Care</i> , 2008 , 31, 30-5	14.6	135
972	Gut incretin hormones in identical twins discordant for non-insulin-dependent diabetes mellitus (NIDDM)--evidence for decreased glucagon-like peptide 1 secretion during oral glucose ingestion in NIDDM twins. <i>European Journal of Endocrinology</i> , 1996 , 135, 425-32	6.5	134
971	Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. <i>Endocrinology</i> , 1990 , 127, 900-6	4.8	132
970	Intake of <i>Lactobacillus reuteri</i> improves incretin and insulin secretion in glucose-tolerant humans: a proof of concept. <i>Diabetes Care</i> , 2015 , 38, 1827-34	14.6	131
969	Incretin hormone and insulin responses to oral versus intravenous lipid administration in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2519-24	5.6	131
968	Enteric neural pathways mediate the anti-inflammatory actions of glucagon-like peptide 2. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, G211-21	5.1	131
967	Inhibition of sham feeding-stimulated human gastric acid secretion by glucagon-like peptide-2. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 2513-7	5.6	131
966	Proteomics reveals the effects of sustained weight loss on the human plasma proteome. <i>Molecular Systems Biology</i> , 2016 , 12, 901	12.2	131
965	Insulin Secretion Depends on Intra-islet Glucagon Signaling. <i>Cell Reports</i> , 2018 , 25, 1127-1134.e2	10.6	130
964	The impact of short-chain fatty acids on GLP-1 and PYY secretion from the isolated perfused rat colon. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G53-G65	5.1	129
963	Hyperglucagonaemia analysed by glucagon sandwich ELISA: nonspecific interference or truly elevated levels?. <i>Diabetologia</i> , 2014 , 57, 1919-26	10.3	129
962	Glucagon-like peptide-1, glucose homeostasis and diabetes. <i>Trends in Molecular Medicine</i> , 2008 , 14, 161-81.5	8.1	128
961	Four-month treatment with GLP-2 significantly increases hip BMD: a randomized, placebo-controlled, dose-ranging study in postmenopausal women with low BMD. <i>Bone</i> , 2009 , 45, 833-42.7	4.7	127
960	Supplementation of total parenteral nutrition with butyrate acutely increases structural aspects of intestinal adaptation after an 80% jejunoileal resection in neonatal piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , 2004 , 28, 210-22; discussion 222-3	4.2	127
959	Cardiovascular and metabolic effects of 48-h glucagon-like peptide-1 infusion in compensated chronic patients with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1096-102	5.2	126
958	Increased postprandial GIP and glucagon responses, but unaltered GLP-1 response after intervention with steroid hormone, relative physical inactivity, and high-calorie diet in healthy subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 447-53	5.6	124
957	Four weeks of treatment with liraglutide reduces insulin dose without loss of glycemic control in type 1 diabetic patients with and without residual beta-cell function. <i>Diabetes Care</i> , 2011 , 34, 1463-8	14.6	124

956	Glucagon-like peptide-1 (GLP-1): effect on kidney hemodynamics and renin-angiotensin-aldosterone system in healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E664-71	5.6	123
955	Importance of small bowel peptides for the improved glucose metabolism 20 years after jejunoileal bypass for obesity. <i>Obesity Surgery</i> , 1998 , 8, 253-60	3.7	123
954	Contribution of gastroenteropancreatic appetite hormones to protein-induced satiety. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 980-9	7	122
953	Insulin resistance alters islet morphology in nondiabetic humans. <i>Diabetes</i> , 2014 , 63, 994-1007	0.9	121
952	Therapy of type 2 diabetes mellitus based on the actions of glucagon-like peptide-1. <i>Diabetes/Metabolism Research and Reviews</i> , 2002 , 18, 430-41	7.5	121
951	Physiological and pharmacological mechanisms through which the DPP-4 inhibitor sitagliptin regulates glycemia in mice. <i>Endocrinology</i> , 2011 , 152, 3018-29	4.8	120
950	Glucagon-like peptide 2 dose-dependently activates intestinal cell survival and proliferation in neonatal piglets. <i>Endocrinology</i> , 2005 , 146, 22-32	4.8	120
949	The separate and combined impact of the intestinal hormones, GIP, GLP-1, and GLP-2, on glucagon secretion in type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E1038-46	6	118
948	Effects of glucagon-like peptide-1 on islet function and insulin sensitivity in noninsulin-dependent diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 473-8	5.6	118
947	In vivo and in vitro degradation of glucagon-like peptide-2 in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 2884-8	5.6	118
946	GLP-1 slows solid gastric emptying and inhibits insulin, glucagon, and PYY release in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 277, R910-6	3.2	118
945	The effect of glucagon-like peptide 1 on cardiovascular risk. <i>Nature Reviews Cardiology</i> , 2012 , 9, 209-22	14.8	117
944	Transcriptomic profiling of pancreatic alpha, beta and delta cell populations identifies delta cells as a principal target for ghrelin in mouse islets. <i>Diabetologia</i> , 2016 , 59, 2156-65	10.3	117
943	The dipeptidyl peptidase-4 inhibitor vildagliptin improves beta-cell function and insulin sensitivity in subjects with impaired fasting glucose. <i>Diabetes Care</i> , 2008 , 31, 108-13	14.6	115
942	Distal, not proximal, colonic acetate infusions promote fat oxidation and improve metabolic markers in overweight/obese men. <i>Clinical Science</i> , 2016 , 130, 2073-2082	6.5	114
941	The effect of exogenous GLP-1 on food intake is lost in male truncally vagotomized subjects with pyloroplasty. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, G1117-27	5.1	114
940	The melanocortin-4 receptor is expressed in enteroendocrine L cells and regulates the release of peptide YY and glucagon-like peptide 1 in vivo. <i>Cell Metabolism</i> , 2014 , 20, 1018-29	24.6	113
939	Differential effects of protein quality on postprandial lipemia in response to a fat-rich meal in type 2 diabetes: comparison of whey, casein, gluten, and cod protein. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 41-8	7	113

938	Neuroprotective properties of GLP-1: theoretical and practical applications. <i>Current Medical Research and Opinion</i> , 2011 , 27, 547-58	2.5	112
937	Antidiabetic actions of endogenous and exogenous GLP-1 in type 1 diabetic patients with and without residual β cell function. <i>Diabetes</i> , 2011 , 60, 1599-607	0.9	112
936	Circulating leptin and thyroid dysfunction. <i>European Journal of Endocrinology</i> , 2003 , 149, 257-71	6.5	111
935	Supplementation of Diet With Galacto-oligosaccharides Increases Bifidobacteria, but Not Insulin Sensitivity, in Obese Prediabetic Individuals. <i>Gastroenterology</i> , 2017 , 153, 87-97.e3	13.3	108
934	GIP does not potentiate the antidiabetic effects of GLP-1 in hyperglycemic patients with type 2 diabetes. <i>Diabetes</i> , 2011 , 60, 1270-6	0.9	108
933	Molecular mechanisms of glucose-stimulated GLP-1 secretion from perfused rat small intestine. <i>Diabetes</i> , 2015 , 64, 370-82	0.9	107
932	An analysis of cosecretion and coexpression of gut hormones from male rat proximal and distal small intestine. <i>Endocrinology</i> , 2015 , 156, 847-57	4.8	107
931	Oxyntomodulin from distal gut. Role in regulation of gastric and pancreatic functions. <i>Digestive Diseases and Sciences</i> , 1989 , 34, 1411-9	4	107
930	Secretion and dipeptidyl peptidase-4-mediated metabolism of incretin hormones after a mixed meal or glucose ingestion in obese compared to lean, nondiabetic men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 872-8	5.6	106
929	Roles of the Gut in Glucose Homeostasis. <i>Diabetes Care</i> , 2016 , 39, 884-92	14.6	106
928	Effects of 1 and 3 g cinnamon on gastric emptying, satiety, and postprandial blood glucose, insulin, glucose-dependent insulintropic polypeptide, glucagon-like peptide 1, and ghrelin concentrations in healthy subjects. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 815-21	7	105
927	Glucagon-like Peptide 1 (GLP-1): An Intestinal Hormone, Signalling Nutritional Abundance, with an Unusual Therapeutic Potential. <i>Trends in Endocrinology and Metabolism</i> , 1999 , 10, 229-235	8.8	105
926	Linagliptin, a xanthine-based dipeptidyl peptidase-4 inhibitor with an unusual profile for the treatment of type 2 diabetes. <i>Expert Opinion on Investigational Drugs</i> , 2010 , 19, 133-40	5.9	103
925	Evidence of Extrapancreatic Glucagon Secretion in Man. <i>Diabetes</i> , 2016 , 65, 585-97	0.9	102
924	Measurements of islet function and glucose metabolism with the dipeptidyl peptidase 4 inhibitor vildagliptin in patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 459-64	5.6	102
923	Secretion of glucose-dependent insulintropic polypeptide in patients with type 2 diabetes: systematic review and meta-analysis of clinical studies. <i>Diabetes Care</i> , 2013 , 36, 3346-52	14.6	101
922	Specificity and sensitivity of commercially available assays for glucagon and oxyntomodulin measurement in humans. <i>European Journal of Endocrinology</i> , 2014 , 170, 529-38	6.5	101
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179	Gastric Bypass with Different Biliopancreatic Limb Lengths Results in Similar Post-absorptive Metabolomics Profiles. <i>Obesity Surgery</i> , 2020 , 30, 1068-1078	3.7	4
178	The clinical effects of a carbohydrate-reduced high-protein diet on glycaemic variability in metformin-treated patients with type 2 diabetes mellitus: A randomised controlled study. <i>Clinical Nutrition ESPEN</i> , 2020 , 39, 46-52	1.3	4
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176	Nonalcoholic Fatty Liver Disease Impairs the Liver-Alpha Cell Axis Independent of Hepatic Inflammation and Fibrosis. <i>Hepatology Communications</i> , 2020 , 4, 1610-1623	6	4
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111	Postprandial Effects of Individual and Combined GIP and GLP-1 Receptor Antagonization in Healthy Subjects. <i>Diabetes</i> , 2018 , 67, 145-OR	0.9	2

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107	No detectable effect of a type 2 diabetes-associated TCF7L2 genotype on the incretin effect. <i>Endocrine Connections</i> , 2020 , 9, 1221-1232	3.5	2
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99	Acute hypoglycemia and risk of cardiac arrhythmias in insulin-treated type 2 diabetes and controls. <i>European Journal of Endocrinology</i> , 2021 , 185, 343-353	6.5	2
98	Serum lipase activity and concentration during intravenous infusions of GLP-1 and PYY3-36 and after ad libitum meal ingestion in overweight men. <i>Physiological Reports</i> , 2016 , 4, e12980	2.6	2
97	Parenteral nutrition impairs plasma bile acid and gut hormone responses to mixed meal testing in lean healthy men. <i>Clinical Nutrition</i> , 2021 , 40, 1013-1021	5.9	2
96	What is Diabetes Remission?. <i>Diabetes Therapy</i> , 2021 , 12, 641-646	3.6	2
95	Glucagonostatic Potency of GLP-1 in Patients With Type 2 Diabetes, Patients With Type 1 Diabetes, and Healthy Control Subjects. <i>Diabetes</i> , 2021 , 70, 1347-1356	0.9	2
94	Counterregulatory responses to postprandial hypoglycemia after Roux-en-Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , 2021 , 17, 55-63	3	2
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91	Assessment of Islet Alpha- and Beta-Cell Function 2019 , 37-74		1
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82	Secretion of parathyroid hormone may be coupled to insulin secretion in humans. <i>Endocrine Connections</i> , 2020 , 9, 747-754	3.5	1
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79	Individual and Combined Glucose-Lowering Effects of Glucagon Receptor Antagonism and Sodium-Glucose Cotransporter 2 Inhibition. <i>Diabetes</i> , 2018 , 67, 1942-P	0.9	1
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75	Glucagon-Like Peptide 2 Inhibits Postprandial Gallbladder Emptying in Man: A Randomized, Double-Blinded, Crossover Study. <i>Clinical and Translational Gastroenterology</i> , 2020 , 11, e00257	4.2	1

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68	Neprilysin Inhibition Increases Glucagon Levels in Humans and Mice With Potential Effects on Amino Acid Metabolism. <i>Journal of the Endocrine Society</i> , 2021 , 5, bvab084	0.4	1
67	Guidelines: Surgical or medical therapy for patients with obesity and T2DM?. <i>Nature Reviews Endocrinology</i> , 2016 , 12, 500-2	15.2	1
66	The liver-alpha cell axis associates with liver fat and insulin resistance: a validation study in women with non-steatotic liver fat levels. <i>Diabetologia</i> , 2021 , 64, 512-520	10.3	1
65	Effects of a whey protein pre-meal on bone turnover in participants with and without type 2 diabetes-A post hoc analysis of a randomised, controlled, crossover trial. <i>Diabetic Medicine</i> , 2021 , 38, e14471	3.5	1
64	Pharmacokinetics of exogenous GIP(1-42) in C57Bl/6 mice; Extremely rapid degradation but marked variation between available assays. <i>Peptides</i> , 2021 , 136, 170457	3.8	1
63	Preserved postprandial suppression of bone turnover markers, despite increased fasting levels, in postmenopausal women. <i>Bone</i> , 2021 , 143, 115612	4.7	1
62	Plasma levels of glucagon but not GLP-1 are elevated in response to inflammation in humans. <i>Endocrine Connections</i> , 2021 , 10, 205-213	3.5	1
61	Effect of 6 weeks of very low-volume high-intensity interval training on oral glucose-stimulated incretin hormone response. <i>European Journal of Sport Science</i> , 2021 , 1-9	3.9	1
60	Treatment with GLP-1 Receptor Agonists. <i>Endocrinology</i> , 2018 , 571-615	0.1	1
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57	Fortifying a meal with oyster mushroom powder beneficially affects postprandial glucagon-like peptide-1, non-esterified free fatty acids and hunger sensation in adults with impaired glucose tolerance: a double-blind randomized controlled crossover trial. <i>European Journal of Nutrition</i> , 2021	5.2	1

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55	Colonic lactulose fermentation has no impact on glucagon-like peptide-1 and peptide-YY secretion in healthy young men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	1
54	Plasma GDF15 levels are similar between subjects after bariatric surgery and matched controls and are unaffected by meals. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 321, E443-E452 ¹	6.6	1
53	Associations between ghrelin and leptin and neural food cue reactivity in a fasted and sated state. <i>NeuroImage</i> , 2021 , 240, 118374	7.9	1
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