

# Chris K Rayner Mbbs

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5041957/chris-k-rayner-mbbs-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

184 papers	5,437 citations	42 h-index	66 g-index
194 ext. papers	6,402 ext. citations	6.5 avg, IF	5.7 L-index

#	Paper	IF	Citations
184	Effects of a protein preload on gastric emptying, glycemia, and gut hormones after a carbohydrate meal in diet-controlled type 2 diabetes. <i>Diabetes Care</i> , <b>2009</b> , 32, 1600-2	14.6	248
183	Effects of fat on gastric emptying of and the glycemic, insulin, and incretin responses to a carbohydrate meal in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 2062-7	5.6	222
182	Relationships between gastric emptying, postprandial glycemia, and incretin hormones. <i>Diabetes Care</i> , <b>2013</b> , 36, 1396-405	14.6	201
181	Effect of the artificial sweetener, sucralose, on gastric emptying and incretin hormone release in healthy subjects. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 296, G735-9	5.1	175
180	Endogenous glucagon-like peptide-1 slows gastric emptying in healthy subjects, attenuating postprandial glycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 215-21	5.6	174
179	Gastric emptying and glycaemia in health and diabetes mellitus. <i>Nature Reviews Endocrinology</i> , <b>2015</b> , 11, 112-28	15.2	146
178	Load-dependent effects of duodenal glucose on glycemia, gastrointestinal hormones, antropyloroduodenal motility, and energy intake in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 293, E743-53	6	146
177	Effects of different sweet preloads on incretin hormone secretion, gastric emptying, and postprandial glycemia in healthy humans. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 78-83	7	113
176	Roles of the Gut in Glucose Homeostasis. <i>Diabetes Care</i> , <b>2016</b> , 39, 884-92	14.6	106
175	Effect of the artificial sweetener, sucralose, on small intestinal glucose absorption in healthy human subjects. <i>British Journal of Nutrition</i> , <b>2010</b> , 104, 803-6	3.6	104
174	Effects of protein on glycemic and incretin responses and gastric emptying after oral glucose in healthy subjects. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 1364-8	7	102
173	The release of GLP-1 and ghrelin, but not GIP and CCK, by glucose is dependent upon the length of small intestine exposed. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 291, E647-55	6	98
172	Comparative effects of prolonged and intermittent stimulation of the glucagon-like peptide 1 receptor on gastric emptying and glycemia. <i>Diabetes</i> , <b>2014</b> , 63, 785-90	0.9	83
171	Gastroparesis: prevalence, clinical significance and treatment. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , <b>2001</b> , 15, 805-13		83
170	Effects of ginger on gastric emptying and motility in healthy humans. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2008</b> , 20, 436-40	2.2	80
169	Disordered control of intestinal sweet taste receptor expression and glucose absorption in type 2 diabetes. <i>Diabetes</i> , <b>2013</b> , 62, 3532-41	0.9	78
168	Effects of exogenous glucagon-like peptide-1 on gastric emptying and glucose absorption in the critically ill: relationship to glycemia. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1261-9	1.4	76

167	Administration of resveratrol for 5 wk has no effect on glucagon-like peptide 1 secretion, gastric emptying, or glycemic control in type 2 diabetes: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 66-70	7	74
166	Rapid gastric and intestinal transit is a major determinant of changes in blood glucose, intestinal hormones, glucose absorption and postprandial symptoms after gastric bypass. <i>Obesity</i> , <b>2014</b> , 22, 2003-9	8	72
165	Mechanisms Controlling Glucose-Induced GLP-1 Secretion in Human Small Intestine. <i>Diabetes</i> , <b>2017</b> , 66, 2144-2149	0.9	69
164	Gastric emptying, incretin hormone secretion, and postprandial glycemia in cystic fibrosis--effects of pancreatic enzyme supplementation. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E851-5	5.6	61
163	Effects of GLP-1 and incretin-based therapies on gastrointestinal motor function. <i>Experimental Diabetes Research</i> , <b>2011</b> , 2011, 279530		61
162	Effects of taurocholic acid on glycemic, glucagon-like peptide-1, and insulin responses to small intestinal glucose infusion in healthy humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E718-22	5.6	60
161	Diabetic gastroparesis: diagnosis and management. <i>Drugs</i> , <b>2009</b> , 69, 971-86	12.1	60
160	The effects of critical illness on intestinal glucose sensing, transporters, and absorption. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 57-65	1.4	59
159	Comparative effects of variations in duodenal glucose load on glycemic, insulinemic, and incretin responses in healthy young and older subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 844-51	5.6	57
158	Summary and recommendations from the Australasian guidelines for the management of pancreatic exocrine insufficiency. <i>Pancreatology</i> , <b>2016</b> , 16, 164-80	3.8	56
157	Relationships of Early And Late Glycemic Responses With Gastric Emptying During An Oral Glucose Tolerance Test. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 3565-71	5.6	55
156	A Protein Preload Enhances the Glucose-Lowering Efficacy of Vildagliptin in Type 2 Diabetes. <i>Diabetes Care</i> , <b>2016</b> , 39, 511-7	14.6	55
155	Initially more rapid small intestinal glucose delivery increases plasma insulin, GIP, and GLP-1 but does not improve overall glycemia in healthy subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 289, E504-7	6	55
154	Proximal gastric compliance and perception of distension in type 1 diabetes mellitus: effects of hyperglycemia. <i>American Journal of Gastroenterology</i> , <b>2000</b> , 95, 1175-83	0.7	54
153	Gut motility and enteroendocrine secretion. <i>Current Opinion in Pharmacology</i> , <b>2013</b> , 13, 928-34	5.1	49
152	Gastrointestinal Symptoms in Diabetes: Prevalence, Assessment, Pathogenesis, and Management. <i>Diabetes Care</i> , <b>2018</b> , 41, 627-637	14.6	48
151	Pancreatic enzyme supplementation improves the incretin hormone response and attenuates postprandial glycemia in adolescents with cystic fibrosis: a randomized crossover trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 2486-93	5.6	48
150	Mechanism of increase in plasma intact GLP-1 by metformin in type 2 diabetes: stimulation of GLP-1 secretion or reduction in plasma DPP-4 activity?. <i>Diabetes Research and Clinical Practice</i> , <b>2014</b> , 106, e3-6	7.4	47

149	Gastrointestinal motility and glycemic control in diabetes: the chicken and the egg revisited?. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 299-302	15.9	47
148	Mechanisms and clinical efficacy of lixisenatide for the management of type 2 diabetes. <i>Advances in Therapy</i> , <b>2013</b> , 30, 81-101	4.1	46
147	Sustained effects of a protein preload on glycaemia and gastric emptying over 4 weeks in patients with type 2 diabetes: A randomized clinical trial. <i>Diabetes Research and Clinical Practice</i> , <b>2015</b> , 108, e31-4	7.4	43
146	Artificial sweeteners have no effect on gastric emptying, glucagon-like peptide-1, or glycemia after oral glucose in healthy humans. <i>Diabetes Care</i> , <b>2013</b> , 36, e202-3	14.6	43
145	The Glucagon-Like Peptide 1 Receptor Agonist Exenatide Inhibits Small Intestinal Motility, Flow, Transit, and Absorption of Glucose in Healthy Subjects and Patients With Type 2 Diabetes: A Randomized Controlled Trial. <i>Diabetes</i> , <b>2016</b> , 65, 269-75	0.9	42
144	Whey protein: The "whey" forward for treatment of type 2 diabetes?. <i>World Journal of Diabetes</i> , <b>2015</b> , 6, 1274-84	4.7	42
143	A 25-year longitudinal evaluation of gastric emptying in diabetes. <i>Diabetes Care</i> , <b>2012</b> , 35, 2594-6	14.6	42
142	Dietary effects on incretin hormone secretion. <i>Vitamins and Hormones</i> , <b>2010</b> , 84, 81-110	2.5	41
141	Effects of a D-xylose preload with or without sitagliptin on gastric emptying, glucagon-like peptide-1, and postprandial glycemia in type 2 diabetes. <i>Diabetes Care</i> , <b>2013</b> , 36, 1913-8	14.6	40
140	Incretins. <i>Handbook of Experimental Pharmacology</i> , <b>2016</b> , 233, 137-71	3.2	39
139	Small intestinal glucose exposure determines the magnitude of the incretin effect in health and type 2 diabetes. <i>Diabetes</i> , <b>2014</b> , 63, 2668-75	0.9	39
138	New management approaches for gastroparesis. <i>Nature Reviews Gastroenterology &amp; Hepatology</i> , <b>2005</b> , 2, 454-62; quiz 493		39
137	Upper and/or lower gastrointestinal adverse events with glucagon-like peptide-1 receptor agonists: Incidence and consequences. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 672-681	6.7	38
136	Augmented capacity for peripheral serotonin release in human obesity. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1880-1889	5.5	37
135	Physiology of the ageing gut. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2013</b> , 16, 33-8	3.8	36
134	Gastric Emptying in the Elderly. <i>Clinics in Geriatric Medicine</i> , <b>2015</b> , 31, 339-53	3.8	35
133	Effects of sitagliptin on glycemia, incretin hormones, and antropyloroduodenal motility in response to intraduodenal glucose infusion in healthy lean and obese humans and patients with type 2 diabetes treated with or without metformin. <i>Diabetes</i> , <b>2014</b> , 63, 2776-87	0.9	35
132	Randomized double-blind crossover study to determine the effects of erythromycin on small intestinal nutrient absorption and transit in the critically ill. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 1396-402	7	35

131	Characterization of duodenal expression and localization of fatty acid-sensing receptors in humans: relationships with body mass index. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 307, G958-67	5.1	34
130	Gastric Emptying Is More Rapid in Adolescents With Type 1 Diabetes and Impacts on Postprandial Glycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 2248-53	5.6	33
129	Metformin reduces the rate of small intestinal glucose absorption in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 290-293	6.7	33
128	Diabetic gastroparesis and its impact on glycemia. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2010</b> , 39, 745-62	5.5	33
127	Effects of exogenous glucagon-like peptide-1 on blood pressure, heart rate, gastric emptying, mesenteric blood flow and glycaemic responses to oral glucose in older individuals with normal glucose tolerance or type 2 diabetes. <i>Diabetologia</i> , <b>2015</b> , 58, 1769-78	10.3	32
126	Effects of intraduodenal glutamine on incretin hormone and insulin release, the glycemic response to an intraduodenal glucose infusion, and antropyloroduodenal motility in health and type 2 diabetes. <i>Diabetes Care</i> , <b>2013</b> , 36, 2262-5	14.6	32
125	Diabetic gastroparesis-backwards and forwards. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2011</b> , 26 Suppl 1, 46-57	4	32
124	Effects of small intestinal glucose load on blood pressure, splanchnic blood flow, glycemia, and GLP-1 release in healthy older subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2011</b> , 300, R1524-31	3.2	32
123	Concurrent duodenal manometric and impedance recording to evaluate the effects of hyoscine on motility and flow events, glucose absorption, and incretin release. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, G1099-104	5.1	31
122	New insights into the anti-diabetic actions of metformin: from the liver to the gut. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2017</b> , 11, 157-166	4.2	30
121	Effects of exogenous glucagon-like peptide-1 on the blood pressure, heart rate, mesenteric blood flow, and glycemic responses to intraduodenal glucose in healthy older subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E2628-34	5.6	30
120	An update on autonomic neuropathy affecting the gastrointestinal tract. <i>Current Diabetes Reports</i> , <b>2006</b> , 6, 417-23	5.6	30
119	Measurement of gastric emptying in diabetes. <i>Journal of Diabetes and Its Complications</i> , <b>2014</b> , 28, 894-903	3.2	29
118	Pathophysiology and management of gastroparesis. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2009</b> , 3, 167-81	4.2	29
117	Role of Intestinal Bitter Sensing in Enteroendocrine Hormone Secretion and Metabolic Control. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 576	5.7	28
116	Upper gastrointestinal function and glycemic control in diabetes mellitus. <i>World Journal of Gastroenterology</i> , <b>2006</b> , 12, 5611-21	5.6	27
115	Effects of lixisenatide on postprandial blood pressure, gastric emptying and glycaemia in healthy people and people with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 1158-1167	6.7	27
114	Gastric Emptying in Patients With Well-Controlled Type 2 Diabetes Compared With Young and Older Control Subjects Without Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 3311-3319	5.6	26

113	Pathophysiology and management of diabetic gastropathy: a guide for endocrinologists. <i>Drugs</i> , <b>2007</b> , 67, 1671-87	12.1	25
112	Comparative Effects of Proximal and Distal Small Intestinal Glucose Exposure on Glycemia, Incretin Hormone Secretion, and the Incretin Effect in Health and Type 2 Diabetes. <i>Diabetes Care</i> , <b>2019</b> , 42, 520-528	14.6	24
111	Associated factors in Streptococcus bovis bacteremia and colorectal cancer. <i>Kaohsiung Journal of Medical Sciences</i> , <b>2016</b> , 32, 196-200	2.4	24
110	Mechanism of glucose-lowering by metformin in type 2 diabetes: Role of bile acids. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 141-148	6.7	24
109	Plasma endocannabinoid levels in lean, overweight, and obese humans: relationships to intestinal permeability markers, inflammation, and incretin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E489-E495	6	23
108	Gastric emptying, diabetes, and aging. <i>Clinics in Geriatric Medicine</i> , <b>2007</b> , 23, 785-808, vi	3.8	23
107	Effect of hyperglycemia on triggering of transient lower esophageal sphincter relaxations. <i>American Journal of Physiology - Renal Physiology</i> , <b>2004</b> , 286, G797-803	5.1	23
106	Role of Bile Acids in the Regulation of Food Intake, and Their Dysregulation in Metabolic Disease. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	22
105	Effects of gastric distension on blood pressure and superior mesenteric artery blood flow responses to intraduodenal glucose in healthy older subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2010</b> , 299, R960-7	3.2	21
104	Effects of mid-jejunal compared to duodenal glucose infusion on peptide hormone release and appetite in healthy men. <i>Regulatory Peptides</i> , <b>2008</b> , 150, 38-42		21
103	Exenatide once weekly slows gastric emptying of solids and liquids in healthy, overweight people at steady-state concentrations. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 788-797	6.7	20
102	Effects of physiological hyperglycemia on duodenal motility and flow events, glucose absorption, and incretin secretion in healthy humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 3893-900	5.6	20
101	Effects of variations in duodenal glucose load on blood pressure, heart rate, superior mesenteric artery blood flow and plasma noradrenaline in healthy young and older subjects. <i>Clinical Science</i> , <b>2012</b> , 122, 271-9	6.5	20
100	Insulin secretion in healthy subjects and patients with Type 2 diabetes--role of the gastrointestinal tract. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 23, 413-24	6.5	20
99	Comparative effects of proximal and distal small intestinal administration of metformin on plasma glucose and glucagon-like peptide-1, and gastric emptying after oral glucose, in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 640-647	6.7	20
98	Effects of variations in intragastric volume on blood pressure and splanchnic blood flow during intraduodenal glucose infusion in healthy older subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2012</b> , 302, R391-9	3.2	19
97	The effect of exogenous glucose-dependent insulinotropic polypeptide in combination with glucagon-like peptide-1 on glycemia in the critically ill. <i>Diabetes Care</i> , <b>2013</b> , 36, 3333-6	14.6	18
96	Impact of gastric emptying to the glycemic and insulinemic responses to a 75-g oral glucose load in older subjects with normal and impaired glucose tolerance. <i>Physiological Reports</i> , <b>2014</b> , 2, e12204	2.6	17



95	Diabetic gastroparesis: recent insights into pathophysiology and implications for management. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2013</b> , 7, 127-39	4.2	17
94	A whey/guar "preload" improves postprandial glycaemia and glycated haemoglobin levels in type 2 diabetes: A 12-week, single-blind, randomized, placebo-controlled trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 930-938	6.7	16
93	Hyperosmolar Duodenal Saline Infusion Lowers Circulating Ghrelin and Stimulates Intestinal Hormone Release in Young Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 4409-4418	5.6	15
92	Inter-regulation of gastric emptying and incretin hormone secretion: implications for postprandial glycemic control. <i>Biomarkers in Medicine</i> , <b>2016</b> , 10, 1167-1179	2.3	14
91	Glucose absorption in small intestinal diseases. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2014</b> , 8, 301-12	4.2	14
90	Comparative effects of intraduodenal fat and glucose on the gut-incretin axis in healthy males. <i>Peptides</i> , <b>2017</b> , 95, 124-127	3.8	14
89	Gut Mechanisms Linking Intestinal Sweet Sensing to Glycemic Control. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 741	5.7	14
88	Duodenal fatty acid sensor and transporter expression following acute fat exposure in healthy lean humans. <i>Clinical Nutrition</i> , <b>2017</b> , 36, 564-569	5.9	13
87	Acute effects of the glucagon-like peptide-1 receptor agonist, exenatide, on blood pressure and heart rate responses to intraduodenal glucose infusion in type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , <b>2017</b> , 14, 59-63	3.3	12
86	Effects of Fat and Protein Preloads on Pouch Emptying, Intestinal Transit, Glycaemia, Gut Hormones, Glucose Absorption, Blood Pressure and Gastrointestinal Symptoms After Roux-en-Y Gastric Bypass. <i>Obesity Surgery</i> , <b>2016</b> , 26, 77-84	3.7	12
85	Enteroendocrine Hormone Secretion and Metabolic Control: Importance of the Region of the Gut Stimulation. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	12
84	Small Intestinal Glucose Delivery Affects the Lowering of Blood Glucose by Acute Vildagliptin in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 4769-4778	5.6	12
83	Effects of Vildagliptin and Metformin on Blood Pressure and Heart Rate Responses to Small Intestinal Glucose in Type 2 Diabetes. <i>Diabetes Care</i> , <b>2017</b> , 40, 702-705	14.6	11
82	Sugar Responses of Human Enterochromaffin Cells Depend on Gut Region, Sex, and Body Mass. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	11
81	Effects of Sustained Treatment With Lixisenatide on Gastric Emptying and Postprandial Glucose Metabolism in Type 2 Diabetes: A Randomized Controlled Trial. <i>Diabetes Care</i> , <b>2020</b> , 43, 1813-1821	14.6	11
80	Decreased gastric motility in type II diabetic patients. <i>BioMed Research International</i> , <b>2014</b> , 2014, 894087	3	11
79	Effects of dipeptidyl peptidase IV inhibition on glycemic, gut hormone, triglyceride, energy expenditure, and energy intake responses to fat in healthy males. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 307, E830-7	6	11
78	Transient, early release of glucagon-like peptide-1 during low rates of intraduodenal glucose delivery. <i>Regulatory Peptides</i> , <b>2008</b> , 146, 1-3		11

77	Diabetic Gastroparesis and Glycaemic Control. <i>Current Diabetes Reports</i> , <b>2019</b> , 19, 153	5.6	11
76	Title: Differentiating the effects of whey protein and guar gum preloads on postprandial glycemia in type 2 diabetes. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 2827-2832	5.9	11
75	Exenatide corrects postprandial hyperglycaemia in young people with cystic fibrosis and impaired glucose tolerance: A randomized crossover trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 700-704	6.7	11
74	Effects of metoclopramide on duodenal motility and flow events, glucose absorption, and incretin hormone release in response to intraduodenal glucose infusion. <i>American Journal of Physiology - Renal Physiology</i> , <b>2010</b> , 299, G1326-33	5.1	10
73	Hypoglycaemia and gastric emptying. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 491-498	6.7	10
72	Novel insights into the effects of diabetes on gastric motility. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2016</b> , 10, 581-93	4.2	9
71	Metformin attenuates the postprandial fall in blood pressure in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 1251-1254	6.7	9
70	Expression of sweet taste receptor and gut hormone secretion in modelled type 2 diabetes. <i>General and Comparative Endocrinology</i> , <b>2017</b> , 252, 142-149	3	8
69	Changes in meal composition and duration affect postprandial endothelial function in healthy humans. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 307, G1191-7	5.1	8
68	Effects of sitagliptin on gastric emptying of, and the glycaemic and blood pressure responses to, a carbohydrate meal in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 51-58	6.7	8
67	Glucagon-like peptide-1 receptor agonists and the appropriate measurement of gastric emptying. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 2504-2506	6.7	8
66	Relationships of the early insulin secretory response and oral disposition index with gastric emptying in subjects with normal glucose tolerance. <i>Physiological Reports</i> , <b>2017</b> , 5, e13122	2.6	7
65	Comparative Effects of Bile Diversion and Duodenal-Jejunal Bypass on Glucose and Lipid Metabolism in Male Diabetic Rats. <i>Obesity Surgery</i> , <b>2016</b> , 26, 1565-75	3.7	7
64	Effects of intraduodenal hydroxycitrate on glucose absorption, incretin release, and glycemia in response to intraduodenal glucose infusion in health and type 2 diabetes: A randomised controlled trial. <i>Nutrition</i> , <b>2016</b> , 32, 553-9	4.8	6
63	Role of endogenous glucagon-like peptide-1 enhanced by vildagliptin in the glycaemic and energy expenditure responses to intraduodenal fat infusion in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 383-392	6.7	6
62	Longitudinal evaluation of gastric emptying in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , <b>2019</b> , 154, 27-34	7.4	5
61	Effects of Glutamine on Gastric Emptying of Low- and High-Nutrient Drinks in Healthy Young Subjects-Impact on Glycaemia. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	5
60	Longitudinal Changes in Fasting and Glucose-Stimulated GLP-1 and GIP in Healthy Older Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 6201-6206	5.6	5



59	Gastrointestinal autonomic neuropathy in diabetes. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2020</b> , 229, 102718	2.4	5
58	Gastrointestinal adverse events with insulin glargine/lixisenatide fixed-ratio combination versus glucagon-like peptide-1 receptor agonists in people with type 2 diabetes mellitus: A network meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 136-146	6.7	5
57	Acute Effects of Lixisenatide on Energy Intake in Healthy Subjects and Patients with Type 2 Diabetes: Relationship to Gastric Emptying and Intragastic Distribution. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	4
56	Agonism of receptors in the gut-pancreas axis in type 2 diabetes: are two better than one?. <i>Lancet, The</i> , <b>2018</b> , 391, 2577-2578	4.0	4
55	Effects of cefaclor on gastric emptying and cholecystokinin release in healthy humans. <i>Regulatory Peptides</i> , <b>2010</b> , 159, 156-9		4
54	Disparities in gastric emptying and postprandial glycaemia between Han Chinese and Caucasians with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , <b>2020</b> , 159, 107951	7.4	4
53	Role of intestinal glucose absorption in glucose tolerance. <i>Current Opinion in Pharmacology</i> , <b>2020</b> , 55, 116-124	5.1	4
52	DPP-4 Inhibition and the Known Unknown. <i>Diabetes</i> , <b>2016</b> , 65, 2124-6	0.9	4
51	Antibiotic resistance of <i>Helicobacter pylori</i> in Australia and New Zealand: A systematic review and meta-analysis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2021</b> , 36, 1450-1456	4	4
50	Gastric Emptying and the Personalized Management of Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 3503-3506	5.6	4
49	Effects of intraduodenal administration of the artificial sweetener sucralose on blood pressure and superior mesenteric artery blood flow in healthy older subjects. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 108, 156-162	7	4
48	A Gut-Intrinsic Melanocortin Signaling Complex Augments L-Cell Secretion in Humans. <i>Gastroenterology</i> , <b>2021</b> , 161, 536-547.e2	13.3	4
47	Effects of Proximal and Distal Enteral Glucose Infusion on Cardiovascular Response in Health and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	3
46	Regional specificity of the gut-incretin response to small intestinal glucose infusion in healthy older subjects. <i>Peptides</i> , <b>2016</b> , 86, 126-132	3.8	3
45	Effect of duodenal glucose load on blood pressure in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , <b>2016</b> , 113, 38-40	7.4	3
44	Physiology of the Antral Pump and Gastric Emptying <b>2012</b> , 959-976		3
43	Upper gastrointestinal responses to intraduodenal nutrient in type 1 diabetes mellitus. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2004</b> , 16, 183-9	2.2	3
42	Combination of laser and human adipose-derived stem cells in repair of rabbit anal sphincter injury: a new therapeutic approach. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 367	8.3	3

41	The Effects of a Whey Protein and Guar Gum-Containing Preload on Gastric Emptying, Glycaemia, Small Intestinal Absorption and Blood Pressure in Healthy Older Subjects. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	3
40	Gastric emptying in health and type 2 diabetes: An evaluation using a 75g oral glucose drink. <i>Diabetes Research and Clinical Practice</i> , <b>2021</b> , 171, 108610	7.4	3
39	Secretion of Gut Hormones and Expression of Sweet Taste Receptors and Glucose Transporters in a Rat Model of Obesity. <i>Obesity Facts</i> , <b>2019</b> , 12, 190-198	5.1	2
38	Ethnic disparities in insulin and glucose-dependent insulinotropic peptide (GIP) responses to intraduodenal glucose in health. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 817-9	3.9	2
37	A Multiplexed Microfluidic Platform toward Interrogating Endocrine Function: Simultaneous Sensing of Extracellular Ca and Hormone. <i>ACS Sensors</i> , <b>2020</b> , 5, 490-499	9.2	2
36	A randomized, crossover study of the acute effects of acarbose and gastric distension, alone and combined, on postprandial blood pressure in healthy older adults. <i>BMC Geriatrics</i> , <b>2019</b> , 19, 241	4.1	2
35	Gastrointestinal motility in people with type 1 diabetes and peripheral neuropathy. <i>Diabetologia</i> , <b>2017</b> , 60, 2312-2313	10.3	2
34	Whey Protein and Diabetes <b>2017</b> , 197-209		2
33	Development of innovative tools for investigation of nutrient-gut interaction. <i>World Journal of Gastroenterology</i> , <b>2020</b> , 26, 3562-3576	5.6	2
32	Acceleration of Gastric Emptying by Insulin-Induced Hypoglycemia is Dependent on the Degree of Hypoglycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 364-371	5.6	2
31	Targeting postprandial glycaemia in children with diabetes: Opportunities and challenges. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 766-774	6.7	2
30	The prevalence and impact of low faecal elastase-1 in community-based patients with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , <b>2019</b> , 156, 107822	7.4	1
29	Reactive hypoglycaemia with seizure following intraduodenal glucose infusion in a patient with type 2 diabetes. <i>Acta Diabetologica</i> , <b>2017</b> , 54, 215-218	3.9	1
28	Plasma GLP-1 response to oral and intraduodenal nutrients in health and type 2 diabetes - impact on gastric emptying. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> ,	5.6	1
27	Comment on Rosenstock et al. Impact of a Weekly Glucagon-Like Peptide 1 Receptor Agonist, Albiglutide, on Glycemic Control and on Reducing Prandial Insulin Use in Type 2 Diabetes Inadequately Controlled on Multiple Insulin Therapy: A Randomized Trial. <i>Diabetes Care</i> 2020;43:2509-2518. <i>Diabetes Care</i> , <b>2021</b> , 44, e194-e195	14.6	1
26	The relationship between plasma GIP and GLP-1 levels in individuals with normal and impaired glucose tolerance. <i>Acta Diabetologica</i> , <b>2020</b> , 57, 583-587	3.9	1
25	Comparative Effects of Intraduodenal Glucose and Fat Infusion on Blood Pressure and Heart Rate in Type 2 Diabetes. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 582314	6.2	1
24	Gastrointestinal Mechanisms Underlying the Cardiovascular Effect of Metformin. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	1

23	Response to Dahl et al.: Oral semaglutide improves postprandial glucose and lipid metabolism, and delays gastric emptying, in subjects with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 2411-2413	6.7	1
22	Sucralose can improve glucose tolerance and upregulate expression of sweet taste receptors and glucose transporters in an obese rat model. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 1809-1817	5.2	1
21	Spontaneous or Deliberate: Effects of Acute Variations in Glycemia on Gastric Emptying in Type 1 Diabetes. <i>Diabetes Care</i> , <b>2021</b> , 44, 316-318	14.6	1
20	Comparative effects of small intestinal glucose on blood pressure, heart rate, and noradrenaline responses in obese and healthy subjects. <i>Physiological Reports</i> , <b>2018</b> , 6, e13610	2.6	1
19	Potential for Gut Peptide-Based Therapy in Postprandial Hypotension. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
18	Semaglutide vs Placebo as an Adjunct to Intensive Behavioral Therapy and Body Weight in Adults With Overweight or Obesity. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 326, 1213-1214	27.4	1
17	Nutrition Management for Critically Ill Adult Patients Requiring Non-Invasive Ventilation: A Scoping Review.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	1
16	Measurement of plasma glucagon in humans - a shift in the performance of a current commercially available RIA kit.. <i>Diabetes, Obesity and Metabolism</i> , <b>2022</b> ,	6.7	1
15	Twincretin therapy for type 2 diabetes: how do two do?. <i>Lancet, The</i> , <b>2021</b> , 398, 560-561	40	0
14	Comparison of Cap-Assisted vs Conventional Endoscopic Technique for Management of Food Bolus Impaction in the Esophagus: Results of a Multicenter Randomized Controlled Trial. <i>American Journal of Gastroenterology</i> , <b>2021</b> , 116, 2235-2240	0.7	0
13	Diabetic gastroparesis <b>2021</b> , 237-253		0
12	Effects of ileal glucose infusion on enteropancreatic hormone secretion in humans: relationship to glucose absorption.. <i>Metabolism: Clinical and Experimental</i> , <b>2022</b> , 131, 155198	12.7	0
11	Acute Administration of the GLP-1 Receptor Agonist Lixisenatide Diminishes Postprandial Insulin Secretion in Healthy Subjects But Not in Type2 Diabetes, Associated with Slowing of Gastric Emptying.. <i>Diabetes Therapy</i> , <b>2022</b> , 1	3.6	0
10	Comment on Russell-Jones et al. <i>Diabetes Care</i> 2017;40:943-950. Comment on Bowering et al. <i>Diabetes Care</i> 2017;40:951-957. <i>Diabetes Care</i> , <b>2018</b> , 41, e27-e28	14.6	
9	Protein pre-loads in type 2 diabetes: what do we know and what do we need to find out?. <i>Diabetologia</i> , <b>2014</b> , 57, 2603-4	10.3	
8	Changes in Gastrointestinal Motor and Sensory Function Associated with Ageing <b>2012</b> , 247-263		
7	Sensing Intra- and Extra-Cellular Ca <sup>2+</sup> in the Islet of Langerhans. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1906020	15.6	
6	Letter to the Editor: One-Hour Postload Hyperglycemia is a Stronger Predictor of Type 2 Diabetes than Impaired Fasting Glucose. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, L33-4	5.6	

- 5 Role of the Gastrointestinal Tract in Peptide Hormone Release and Appetite **2011**, 1035-1049
- 4 Diabetic Gastroparesis **2012**, 177-190
- 3 Statins and glycaemic control in type 2 diabetes: Are bile acids relevant?. *British Journal of Clinical Pharmacology*, **2020**, 86, 2538-2539 3.8
- 2 Impact of variations in duodenal glucose load on insulin clearance in health and type 2 diabetes. *Acta Diabetologica*, **2018**, 55, 205-207 3.9
- 1 Changes in gastrointestinal motor and sensory function associated with ageing **2022**, 229-246