Rune E. Kuhre

List of Publications by Year
in descending order

53	2,027	218381	243296
papers	citations	26 h-index	44 g-index

55	55	55	2471
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeting the Gut in Obesity: Signals from the Inner Surface. Metabolites, 2022, 12, 39.	1.3	3
2	Opposing roles of the entero-pancreatic hormone urocortin-3 in glucose metabolism in rats. Diabetologia, 2022, 65, 1018-1031.	2.9	2
3	Acute ketosis inhibits appetite and decreases plasma concentrations of acyl ghrelin in healthy young men. Diabetes, Obesity and Metabolism, 2021, 23, 1834-1842.	2.2	13
4	Amino acids differ in their capacity to stimulate GLP-1 release from the perfused rat small intestine and stimulate secretion by different sensing mechanisms. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E874-E885.	1.8	25
5	Do sodiumâ€glucose coâ€transporterâ€2 inhibitors increase plasma glucagon by direct actions on the alpha cell? And does the increase matter for the associated increase in endogenous glucose production?. Diabetes, Obesity and Metabolism, 2021, 23, 2009-2019.	2.2	3
6	Effects of Manipulating Circulating Bile Acid Concentrations on Postprandial GLP-1 Secretion and Glucose Metabolism After Roux-en-Y Gastric Bypass. Frontiers in Endocrinology, 2021, 12, 681116.	1.5	7
7	What Is an L-Cell and How Do We Study the Secretory Mechanisms of the L-Cell?. Frontiers in Endocrinology, 2021, 12, 694284.	1.5	22
8	L-Cell Expression of Melanocortin-4-Receptor Is Marginal in Most of the Small Intestine in Mice and Humans and Direct Stimulation of Small Intestinal Melanocortin-4-Receptors in Mice and Rats Does Not Affect GLP-1 Secretion. Frontiers in Endocrinology, 2021, 12, 690387.	1.5	2
9	Plasma GDF15 levels are similar between subjects after bariatric surgery and matched controls and are unaffected by meals. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E443-E452.	1.8	5
10	Using a Reporter Mouse to Map Known and Novel Sites of GLP-1 Receptor Expression in Peripheral Tissues of Male Mice. Endocrinology, 2021, 162, .	1.4	33
11	Ghrelin Does Not Directly Stimulate Secretion of Glucagon-like Peptide-1. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 266-275.	1.8	8
12	Glucagon acutely regulates hepatic amino acid catabolism and the effect may be disturbed by steatosis. Molecular Metabolism, 2020, 42, 101080.	3.0	66
13	An atlas of O-linked glycosylation on peptide hormones reveals diverse biological roles. Nature Communications, 2020, 11, 4033.	5.8	46
14	Bilio-enteric flow and plasma concentrations of bile acids after gastric bypass and sleeve gastrectomy. International Journal of Obesity, 2020, 44, 1872-1883.	1.6	13
15	In the rat pancreas, somatostatin tonically inhibits glucagon secretion and is required for glucoseâ€induced inhibition of glucagon secretion. Acta Physiologica, 2020, 229, e13464.	1.8	31
16	Secretin release after Roux-en-Y gastric bypass reveals a population of glucose-sensitive S cells in distal small intestine. International Journal of Obesity, 2020, 44, 1859-1871.	1.6	25
17	Responses of gut and pancreatic hormones, bile acids, and fibroblast growth factor-21 differ to glucose, protein, and fat ingestion after gastric bypass surgery. American Journal of Physiology - Renal Physiology, 2020, 318, G661-G672.	1.6	27
18	Hepatic Bile Acid Reuptake in the Rat Depends on Bile Acid Conjugation but Not on Agonistic Properties towards FXR and TGR5. Molecules, 2020, 25, 2371.	1.7	0

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19	Abscisic acid stimulates the release of insulin and of GLPâ€1 in the rat perfused pancreas and intestine. Diabetes/Metabolism Research and Reviews, 2019, 35, e3102.	1.7	5
20	Acipimox Acutely Increases GLP-1 Concentrations in Overweight Subjects and Hypopituitary Patients. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2581-2592.	1.8	7
21	Peptoneâ€mediated glucagonâ€like peptideâ€1 secretion depends on intestinal absorption and activation of basolaterally located Calciumâ€Sensing Receptors. Physiological Reports, 2019, 7, e14056.	0.7	36
22	No direct effect of SGLT2 activity on glucagon secretion. Diabetologia, 2019, 62, 1011-1023.	2.9	58
23	Bile acids drive colonic secretion of glucagon-like-peptide 1 and peptide-YY in rodents. American Journal of Physiology - Renal Physiology, 2019, 316, G574-G584.	1.6	42
24	Mechanisms Underlying Gut Hormone Secretion Using the Isolated Perfused Rat Small Intestine. Journal of Visualized Experiments, 2019, , .	0.2	7
25	Neuromedin U Does Not Act as a Decretin in Rats. Cell Metabolism, 2019, 29, 719-726.e5.	7.2	9
26	1966-P: Manipulating Postprandial Bile Acid Concentrations: Effect on GLP-1 Secretion after Roux-en-Y Gastric Bypass. Diabetes, 2019, 68, .	0.3	0
27	Bile acids are important direct and indirect regulators of the secretion of appetite- and metabolism-regulating hormones from the gut and pancreas. Molecular Metabolism, 2018, 11, 84-95.	3.0	135
28	Acute administration of interleukin-6 does not increase secretion of glucagon-like peptide-1 in mice. Physiological Reports, 2018, 6, e13788.	0.7	8
29	Amino Acid Metabolism Is Regulated by Glucagon Receptor Signaling in Mice. Diabetes, 2018, 67, .	0.3	3
30	A sandwich ELISA for measurement of the primary glucagon-like peptide-1 metabolite. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E284-E291.	1.8	13
31	Chenodeoxycholic acid stimulates glucagonâ€like peptideâ€1 secretion in patients after Rouxâ€enâ€Y gastric bypass. Physiological Reports, 2017, 5, e13140.	0.7	32
32	On the relationship between glucose absorption and glucoseâ€stimulated secretion of <scp>GLP</scp> â€1, neurotensin, and <scp>PYY</scp> from different intestinal segments in the rat. Physiological Reports, 2017, 5, e13507.	0.7	29
33	Circulating Glucagon 1-61 Regulates Blood Glucose by Increasing Insulin Secretion and Hepatic Glucose Production. Cell Reports, 2017, 21, 1452-1460.	2.9	28
34	Why is it so difficult to measure glucagon-like peptide-1 in a mouse?. Diabetologia, 2017, 60, 2066-2075.	2.9	39
35	Sweet Taste Receptor Activation in the Gut Is of Limited Importance for Glucose-Stimulated GLP-1 and GIP Secretion. Nutrients, 2017, 9, 418.	1.7	29
36	Glucagon-like Peptide 1 Receptor Signaling in Acinar Cells Causes Growth-Dependent Release of Pancreatic Enzymes. Cell Reports, 2016, 17, 2845-2856.	2.9	22

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37	Oxyntomodulin Identified as a Marker of Type 2 Diabetes and Gastric Bypass Surgery by Mass-spectrometry Based Profiling of Human Plasma. EBioMedicine, 2016, 7, 112-120.	2.7	53
38	The biology of glucagon and the consequences of hyperglucagonemia. Biomarkers in Medicine, 2016, 10, 1141-1151.	0.6	102
39	The regulation of function, growth and survival of GLP-1-producing L-cells. Clinical Science, 2016, 130, 79-91.	1.8	31
40	Dynamics of glucagon secretion in mice and rats revealed using a validated sandwich ELISA for small sample volumes. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E302-E309.	1.8	34
41	The intestinal distribution pattern of appetite- and glucose regulatory peptides in mice, rats and pigs. BMC Research Notes, 2016, 9, 60.	0.6	59
42	Peptide production and secretion in GLUTag, NCI-H716, and STC-1 cells: a comparison to native L-cells. Journal of Molecular Endocrinology, 2016, 56, 201-211.	1.1	76
43	Vascular, but not luminal, activation of FFAR1 (GPR40) stimulates GLP-1 secretion from isolated perfused rat small intestine. Physiological Reports, 2015, 3, e12551.	0.7	78
44	Stability of glucagon-like peptide 1 and glucagon in human plasma. Endocrine Connections, 2015, 4, 50-57.	0.8	65
45	Measurement of the incretin hormones: glucagon-like peptide-1 and glucose-dependent insulinotropic peptide. Journal of Diabetes and Its Complications, 2015, 29, 445-450.	1.2	61
46	Glucose stimulates neurotensin secretion from the rat small intestine by mechanisms involving SGLT1 and GLUT2, leading to cell depolarization and calcium influx. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E1123-E1130.	1.8	34
47	Bile Acids Trigger GLP-1 Release Predominantly by Accessing Basolaterally Located G Proteinâ€“Coupled Bile Acid Receptors. Endocrinology, 2015, 156, 3961-3970.	1.4	253
48	Molecular Mechanisms of Glucose-Stimulated GLP-1 Secretion From Perfused Rat Small Intestine. Diabetes, 2015, 64, 370-382.	0.3	132
49	Targeting the intestinal L-cell for obesity and type 2 diabetes treatment. Expert Review of Endocrinology and Metabolism, 2014, 9, 61-72.	1.2	24
50	GLP-1 amidation efficiency along the length of the intestine in mice, rats and pigs and in GLP-1 secreting cell lines. Peptides, 2014, 55, 52-57.	1.2	52
51	Fructose stimulates GLP-1 but not GIP secretion in mice, rats, and humans. American Journal of Physiology - Renal Physiology, 2014, 306, G622-G630.	1.6	94
52	Deficiency of the GPR39 receptor is associated with obesity and altered adipocyte metabolism. FASEB Journal, 2011, 25, 3803-3814.	0.2	45
53	Bile acids stimulate GLP-1 release predominantly by accessing basolateral GPBAR1 (TGR5). Endocrine Abstracts, 0, , .	0.0	0