

Rune E. Kuhre

List of Publications by Year in descending order

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53
papers

2,027
citations

218381

26
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243296

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docs citations

55
times ranked

2471
citing authors

#	ARTICLE	IF	CITATIONS
1	Bile Acids Trigger GLP-1 Release Predominantly by Accessing Basolaterally Located G Protein-Coupled Bile Acid Receptors. <i>Endocrinology</i> , 2015, 156, 3961-3970.	1.4	253
2	Bile acids are important direct and indirect regulators of the secretion of appetite- and metabolism-regulating hormones from the gut and pancreas. <i>Molecular Metabolism</i> , 2018, 11, 84-95.	3.0	135
3	Molecular Mechanisms of Glucose-Stimulated GLP-1 Secretion From Perfused Rat Small Intestine. <i>Diabetes</i> , 2015, 64, 370-382.	0.3	132
4	The biology of glucagon and the consequences of hyperglucagonemia. <i>Biomarkers in Medicine</i> , 2016, 10, 1141-1151.	0.6	102
5	Fructose stimulates GLP-1 but not GIP secretion in mice, rats, and humans. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G622-G630.	1.6	94
6	Vascular, but not luminal, activation of FFAR1 (GPR40) stimulates GLP-1 secretion from isolated perfused rat small intestine. <i>Physiological Reports</i> , 2015, 3, e12551.	0.7	78
7	Peptide production and secretion in GLUTag, NCI-H716, and STC-1 cells: a comparison to native L-cells. <i>Journal of Molecular Endocrinology</i> , 2016, 56, 201-211.	1.1	76
8	Glucagon acutely regulates hepatic amino acid catabolism and the effect may be disturbed by steatosis. <i>Molecular Metabolism</i> , 2020, 42, 101080.	3.0	66
9	Stability of glucagon-like peptide 1 and glucagon in human plasma. <i>Endocrine Connections</i> , 2015, 4, 50-57.	0.8	65
10	Measurement of the incretin hormones: glucagon-like peptide-1 and glucose-dependent insulinotropic peptide. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 445-450.	1.2	61
11	The intestinal distribution pattern of appetite- and glucose regulatory peptides in mice, rats and pigs. <i>BMC Research Notes</i> , 2016, 9, 60.	0.6	59
12	No direct effect of SGLT2 activity on glucagon secretion. <i>Diabetologia</i> , 2019, 62, 1011-1023.	2.9	58
13	Oxyntomodulin Identified as a Marker of Type 2 Diabetes and Gastric Bypass Surgery by Mass-spectrometry Based Profiling of Human Plasma. <i>EBioMedicine</i> , 2016, 7, 112-120.	2.7	53
14	GLP-1 amidation efficiency along the length of the intestine in mice, rats and pigs and in GLP-1 secreting cell lines. <i>Peptides</i> , 2014, 55, 52-57.	1.2	52
15	An atlas of O-linked glycosylation on peptide hormones reveals diverse biological roles. <i>Nature Communications</i> , 2020, 11, 4033.	5.8	46
16	Deficiency of the GPR39 receptor is associated with obesity and altered adipocyte metabolism. <i>FASEB Journal</i> , 2011, 25, 3803-3814.	0.2	45
17	Bile acids drive colonic secretion of glucagon-like-peptide 1 and peptide-YY in rodents. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G574-G584.	1.6	42
18	Why is it so difficult to measure glucagon-like peptide-1 in a mouse?. <i>Diabetologia</i> , 2017, 60, 2066-2075.	2.9	39

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19	Peptide-mediated glucagon-like peptide-1 secretion depends on intestinal absorption and activation of basolaterally located Calcium-Sensing Receptors. <i>Physiological Reports</i> , 2019, 7, e14056.	0.7	36
20	Glucose stimulates neurotensin secretion from the rat small intestine by mechanisms involving SGLT1 and GLUT2, leading to cell depolarization and calcium influx. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E1123-E1130.	1.8	34
21	Dynamics of glucagon secretion in mice and rats revealed using a validated sandwich ELISA for small sample volumes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E302-E309.	1.8	34
22	Using a Reporter Mouse to Map Known and Novel Sites of GLP-1 Receptor Expression in Peripheral Tissues of Male Mice. <i>Endocrinology</i> , 2021, 162, .	1.4	33
23	Chenodeoxycholic acid stimulates glucagon-like peptide-1 secretion in patients after Roux-en-Y gastric bypass. <i>Physiological Reports</i> , 2017, 5, e13140.	0.7	32
24	The regulation of function, growth and survival of GLP-1-producing L-cells. <i>Clinical Science</i> , 2016, 130, 79-91.	1.8	31
25	In the rat pancreas, somatostatin tonically inhibits glucagon secretion and is required for glucose-induced inhibition of glucagon secretion. <i>Acta Physiologica</i> , 2020, 229, e13464.	1.8	31
26	On the relationship between glucose absorption and glucose-stimulated secretion of <scp>GLP</scp>-1, neurotensin, and <scp>PYY</scp> from different intestinal segments in the rat. <i>Physiological Reports</i> , 2017, 5, e13507.	0.7	29
27	Sweet Taste Receptor Activation in the Gut Is of Limited Importance for Glucose-Stimulated GLP-1 and GIP Secretion. <i>Nutrients</i> , 2017, 9, 418.	1.7	29
28	Circulating Glucagon 1-61 Regulates Blood Glucose by Increasing Insulin Secretion and Hepatic Glucose Production. <i>Cell Reports</i> , 2017, 21, 1452-1460.	2.9	28
29	Responses of gut and pancreatic hormones, bile acids, and fibroblast growth factor-21 differ to glucose, protein, and fat ingestion after gastric bypass surgery. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G661-G672.	1.6	27
30	Secretin release after Roux-en-Y gastric bypass reveals a population of glucose-sensitive S cells in distal small intestine. <i>International Journal of Obesity</i> , 2020, 44, 1859-1871.	1.6	25
31	Amino acids differ in their capacity to stimulate GLP-1 release from the perfused rat small intestine and stimulate secretion by different sensing mechanisms. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E874-E885.	1.8	25
32	Targeting the intestinal L-cell for obesity and type 2 diabetes treatment. <i>Expert Review of Endocrinology and Metabolism</i> , 2014, 9, 61-72.	1.2	24
33	Glucagon-like Peptide 1 Receptor Signaling in Acinar Cells Causes Growth-Dependent Release of Pancreatic Enzymes. <i>Cell Reports</i> , 2016, 17, 2845-2856.	2.9	22
34	What Is an L-Cell and How Do We Study the Secretory Mechanisms of the L-Cell?. <i>Frontiers in Endocrinology</i> , 2021, 12, 694284.	1.5	22
35	A sandwich ELISA for measurement of the primary glucagon-like peptide-1 metabolite. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E284-E291.	1.8	13
36	Bilio-enteric flow and plasma concentrations of bile acids after gastric bypass and sleeve gastrectomy. <i>International Journal of Obesity</i> , 2020, 44, 1872-1883.	1.6	13

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37	Acute ketosis inhibits appetite and decreases plasma concentrations of acyl ghrelin in healthy young men. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1834-1842.	2.2	13
38	Neuromedin U Does Not Act as a Decretin in Rats. <i>Cell Metabolism</i> , 2019, 29, 719-726.e5.	7.2	9
39	Acute administration of interleukin-6 does not increase secretion of glucagon-like peptide-1 in mice. <i>Physiological Reports</i> , 2018, 6, e13788.	0.7	8
40	Ghrelin Does Not Directly Stimulate Secretion of Glucagon-like Peptide-1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 266-275.	1.8	8
41	Acipimox Acutely Increases GLP-1 Concentrations in Overweight Subjects and Hypopituitary Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2581-2592.	1.8	7
42	Mechanisms Underlying Gut Hormone Secretion Using the Isolated Perfused Rat Small Intestine. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	7
43	Effects of Manipulating Circulating Bile Acid Concentrations on Postprandial GLP-1 Secretion and Glucose Metabolism After Roux-en-Y Gastric Bypass. <i>Frontiers in Endocrinology</i> , 2021, 12, 681116.	1.5	7
44	Abscisic acid stimulates the release of insulin and of GLP-1 in the rat perfused pancreas and intestine. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3102.	1.7	5
45	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.	1.8	5
46	Do sodium-glucose cotransporter-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?. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 2009-2019.	2.2	3
47	Amino Acid Metabolism Is Regulated by Glucagon Receptor Signaling in Mice. <i>Diabetes</i> , 2018, 67, .	0.3	3
48	Targeting the Gut in Obesity: Signals from the Inner Surface. <i>Metabolites</i> , 2022, 12, 39.	1.3	3
49	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. <i>Frontiers in Endocrinology</i> , 2021, 12, 690387.	1.5	2
50	Opposing roles of the entero-pancreatic hormone urocortin-3 in glucose metabolism in rats. <i>Diabetologia</i> , 2022, 65, 1018-1031.	2.9	2
51	Bile acids stimulate GLP-1 release predominantly by accessing basolateral GPBAR1 (TGR5). <i>Endocrine Abstracts</i> , 0, , .	0.0	0
52	1966-P: Manipulating Postprandial Bile Acid Concentrations: Effect on GLP-1 Secretion after Roux-en-Y Gastric Bypass. <i>Diabetes</i> , 2019, 68, .	0.3	0
53	Hepatic Bile Acid Reuptake in the Rat Depends on Bile Acid Conjugation but Not on Agonistic Properties towards FXR and TGR5. <i>Molecules</i> , 2020, 25, 2371.	1.7	0