Patricia Brubaker

List of Publications by Citations

187 papers	11,920 citations	63 h-index	105 g-index
194 ext. papers	12,860 ext. citations	5.8 avg, IF	6.41 L-index

#	Paper	IF	Citations
187	Induction of intestinal epithelial proliferation by glucagon-like peptide 2. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 7911-6	11.5	689
186	Glucose intolerance but normal satiety in mice with a null mutation in the glucagon-like peptide 1 receptor gene. *Nature Medicine*, **1996**, 2, 1254-8	50.5	638
185	Minireview: Glucagon-like peptides regulate cell proliferation and apoptosis in the pancreas, gut, and central nervous system. *Endocrinology*, **2004**, 145, 2653-9	4.8	448
184	Role of the vagus nerve in mediating proximal nutrient-induced glucagon-like peptide-1 secretion. *Endocrinology*, **1999**, 140, 1687-94	4.8	350
183	TCF-4 mediates cell type-specific regulation of proglucagon gene expression by beta-catenin and glycogen synthase kinase-3beta. *Journal of Biological Chemistry*, **2005**, 280, 1457-64	5.4	300
182	GPR119 is essential for oleoylethanolamide-induced glucagon-like peptide-1 secretion from the intestinal enteroendocrine L-cell. *Diabetes*, **2009**, 58, 1058-66	0.9	278
181	Glucagon-like peptide-1 treatment delays the onset of diabetes in 8 week-old db/db mice. *Diabetologia*, **2002**, 45, 1263-73	10.3	276
180	Peripheral exendin-4 and peptide YY(3-36) synergistically reduce food intake through different mechanisms in mice. *Endocrinology*, **2005**, 146, 3748-56	4.8	256
179	Small-intestinal dysfunction accompanies the complex endocrinopathy of human proprotein convertase 1 deficiency. *Journal of Clinical Investigation*, **2003**, 112, 1550-1560	15.9	240
178	Regulation of the biological activity of glucagon-like peptide 2 in vivo by dipeptidyl peptidase IV. *Nature Biotechnology*, **1997**, 15, 673-7	44.5	215
177	Activation of proglucagon gene transcription by protein kinase-A in a novel mouse enteroendocrine cell line. *Molecular Endocrinology*, **1994**, 8, 1646-55		211
176	Role of leptin in the regulation of glucagon-like peptide-1 secretion. *Diabetes*, **2003**, 52, 252-9	0.9	208
175	Regulation of intestinal proglucagon-derived peptide secretion by glucose-dependent insulinotropic peptide in a novel enteroendocrine loop. *Endocrinology*, **1993**, 133, 233-40	4.8	201
174	beta-Cell Pdx1 expression is essential for the glucoregulatory, proliferative, and cytoprotective actions of glucagon-like peptide-1. *Diabetes*, **2005**, 54, 482-91	0.9	183
173	Role of prohormone convertases in the tissue-specific processing of proglucagon. *Molecular Endocrinology*, **1996**, 10, 342-55		177
172	Secretion of the intestinotropic hormone glucagon-like peptide 2 is differentially regulated by nutrients in humans. *Gastroenterology*, **1999**, 117, 99-105	13.3	169
171	Direct and indirect mechanisms regulating secretion of glucagon-like peptide-1 and glucagon-like peptide-2. *Canadian Journal of Physiology and Pharmacology*, **2003**, 81, 1005-12	2.4	168

170	Glucagon-like peptide-1 protects beta cells from cytokine-induced apoptosis and necrosis: role of protein kinase B. *Diabetologia*, **2005**, 48, 1339-49	10.3	166
169	Glucagon-like peptide-1 regulates proliferation and apoptosis via activation of protein kinase B in pancreatic INS-1 beta cells. *Diabetologia*, **2004**, 47, 478-487	10.3	164
168	The essential role of insulin-like growth factor-1 in the intestinal tropic effects of glucagon-like peptide-2 in mice. *Gastroenterology*, **2006**, 131, 589-605	13.3	141
167	Glucagon-like peptide-2 increases intestinal lipid absorption and chylomicron production via CD36. *Gastroenterology*, **2009**, 137, 997-1005, 1005.e1-4	13.3	137
166	Regulation of intestinal proglucagon-derived peptide secretion by intestinal regulatory peptides. *Endocrinology*, **1991**, 128, 3175-82	4.8	135
165	Regulation of glucagon-like peptide-1 synthesis and secretion in the GLUTag enteroendocrine cell line. *Endocrinology*, **1998**, 139, 4108-14	4.8	130
164	Insulin regulates glucagon-like peptide-1 secretion from the enteroendocrine L cell. *Endocrinology*, **2009**, 150, 580-91	4.8	123
163	Intestinal growth-promoting properties of glucagon-like peptide-2 in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **1997**, 273, E77-84	6	123
162	Regulation of pancreatic PC1 and PC2 associated with increased glucagon-like peptide 1 in diabetic rats. *Journal of Clinical Investigation*, **2000**, 105, 955-65	15.9	117
161	Frontiers in glucagon-like peptide-2: multiple actions, multiple mediators. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 293, E460-5	6	115
160	Monounsaturated fatty acid diets improve glycemic tolerance through increased secretion of glucagon-like peptide-1. *Endocrinology*, **2001**, 142, 1148-55	4.8	115
159	Mechanisms underlying metformin-induced secretion of glucagon-like peptide-1 from the intestinal L cell. *Endocrinology*, **2011**, 152, 4610-9	4.8	114
158	Cross talk between the insulin and Wnt signaling pathways: evidence from intestinal endocrine L cells. *Endocrinology*, **2008**, 149, 2341-51	4.8	113
157	Muscarinic receptors control postprandial release of glucagon-like peptide-1: in vivo and in vitro studies in rats. *Endocrinology*, **2002**, 143, 2420-6	4.8	113
156	Secretion of proglucagon-derived peptides in response to intestinal luminal nutrients. *Endocrinology*, **1991**, 128, 3169-74	4.8	113
155	Circulating and tissue forms of the intestinal growth factor, glucagon-like peptide-2. *Endocrinology*, **1997**, 138, 4837-43	4.8	112
154	The "cryptic" mechanism of action of glucagon-like peptide-2. *American Journal of Physiology - Renal Physiology*, **2011**, 301, G1-8	5.1	109
153	Mucosal adaptation to enteral nutrients is dependent on the physiologic actions of glucagon-like peptide-2 in mice. *Gastroenterology*, **2005**, 128, 1340-53	13.3	109

152	Muscarinic receptors control glucagon-like peptide 1 secretion by human endocrine L cells. *Endocrinology*, **2003**, 144, 3244-50	4.8	106
151	Structure-Function of the Glucagon Receptor Family of G Protein-Coupled Receptors: The Glucagon, GIP, GLP-1, and GLP-2 Receptors. *Receptors and Channels*, **2002**, 8, 179-188		104
150	Proglucagon gene expression is regulated by a cyclic AMP-dependent pathway in rat intestine. *Proceedings of the National Academy of Sciences of the United States of America*, **1989**, 86, 3953-7	11.5	101
149	Identification of glucagon-like peptide 1 (GLP-1) actions essential for glucose homeostasis in mice with disruption of GLP-1 receptor signaling. *Diabetes*, **1998**, 47, 632-9	0.9	99
148	Intestinal function in mice with small bowel growth induced by glucagon-like peptide-2. *American Journal of Physiology - Endocrinology and Metabolism*, **1997**, 272, E1050-8	6	95
147	Role of the Vagus Nerve in Mediating Proximal Nutrient-Induced Glucagon-Like Peptide-1 Secretion		93
146	Minireview: update on incretin biology: focus on glucagon-like peptide-1. *Endocrinology*, **2010**, 151, 1984-98	4.8	91
145	Glucagon-like peptide 1 increases insulin sensitivity in depancreatized dogs. *Diabetes*, **1999**, 48, 1045-53	0.9	91
144	Stereospecific effects of fatty acids on proglucagon-derived peptide secretion in fetal rat intestinal cultures. *Endocrinology*, **1995**, 136, 5593-9	4.8	89
143	Biological activities of glucagon-like peptide-1 analogues in vitro and in vivo. *Biochemistry*, **2001**, 40, 2860-9	3.2	88
142	Circadian secretion of the intestinal hormone GLP-1 by the rodent L cell. *Diabetes*, **2014**, 63, 3674-85	0.9	85
141	Protein kinase Czeta is required for oleic acid-induced secretion of glucagon-like peptide-1 by intestinal endocrine L cells. *Endocrinology*, **2007**, 148, 1089-98	4.8	83
140	Gastrin-releasing peptide is a novel mediator of proximal nutrient-induced proglucagon-derived peptide secretion from the distal gut. *Endocrinology*, **1996**, 137, 2383-8	4.8	82
139	SUN-LB018 Role of BMAL1 in Western Diet-Induced Disruption of Circadian Hypothalamic Feeding Neuropeptides. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
138	Ghrelin Is a Novel Regulator of GLP-1 Secretion. *Diabetes*, **2015**, 64, 1513-21	0.9	77
137	Enzymatic- and renal-dependent catabolism of the intestinotropic hormone glucagon-like peptide-2 in rats. *American Journal of Physiology - Endocrinology and Metabolism*, **2000**, 278, E134-9	6	76
136	The glucagon-like peptides: pleiotropic regulators of nutrient homeostasis. *Annals of the New York Academy of Sciences*, **2006**, 1070, 10-26	6.5	75
135	Human [Gly2]GLP-2 reduces the severity of colonic injury in a murine model of experimental colitis. *American Journal of Physiology - Renal Physiology*, **1999**, 276, G79-91	5.1	74

134	GLP-1R agonists promote normal and neoplastic intestinal growth through mechanisms requiring Fgf7. *Cell Metabolism*, **2015**, 21, 379-91	24.6	69
133	Regulation of intestinal proglucagon-derived peptide secretion by glucose-dependent insulinotropic peptide in a novel enteroendocrine loop		69
132	The Xenopus proglucagon gene encodes novel GLP-1-like peptides with insulinotropic properties. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 7915-20	11.5	67
131	Ontogeny of the glucagon-like peptide-2 receptor axis in the developing rat intestine. *Endocrinology*, **2000**, 141, 4194-201	4.8	67
130	Loss of glucagon-like peptide-2-induced proliferation following intestinal epithelial insulin-like growth factor-1-receptor deletion. *Gastroenterology*, **2011**, 141, 2166-2175.e7	13.3	66
129	Glucagon-like peptide-2 and common therapeutics in a murine model of ulcerative colitis. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 306, 347-54	4.7	66
128	The intestinal epithelial insulin-like growth factor-1 receptor links glucagon-like peptide-2 action to gut barrier function. *Endocrinology*, **2014**, 155, 370-9	4.8	65
127	Transcriptional activation of the proglucagon gene by lithium and beta-catenin in intestinal endocrine L cells. *Journal of Biological Chemistry*, **2003**, 278, 1380-7	5.4	65
126	Circulating levels of glucagon-like peptide-2 in human subjects with inflammatory bowel disease. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2000**, 278, R1057-63	3.2	65
125	Glucagon-like peptide-2 activates beta-catenin signaling in the mouse intestinal crypt: role of insulin-like growth factor-I. *Endocrinology*, **2008**, 149, 291-301	4.8	61
124	Fetal rat intestinal cells in monolayer culture: a new in vitro system to study the glucagon-like immunoreactive peptides. *Endocrinology*, **1987**, 120, 1976-85	4.8	60
123	Short-term sleep deprivation with nocturnal light exposure alters time-dependent glucagon-like peptide-1 and insulin secretion in male volunteers. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E41-50	6	59
122	Control of glucagon-like immunoreactive peptide secretion from fetal rat intestinal cultures. *Endocrinology*, **1988**, 123, 220-6	4.8	58
121	Glucagon-like peptide-2 receptor activation in the rat intestinal mucosa. *Endocrinology*, **2003**, 144, 4385-92	4.8	56
120	Proglucagon processing in islet and intestinal cell lines. *Regulatory Peptides*, **1996**, 62, 29-35		55
119	Carcinogenic effects of exogenous and endogenous glucagon-like peptide-2 in azoxymethane-treated mice. *Endocrinology*, **2009**, 150, 4033-43	4.8	48
118	Structural determinants for activity of glucagon-like peptide-2. *Biochemistry*, **2000**, 39, 8888-94	3.2	48
117	Structure-function of the glucagon receptor family of G protein-coupled receptors: the glucagon, GIP, GLP-1, and GLP-2 receptors. *Receptors and Channels*, **2002**, 8, 179-88		48

116	Mechanism of action of glucagon-like peptide-2 to increase IGF-I mRNA in intestinal subepithelial fibroblasts. *Endocrinology*, **2011**, 152, 436-46	4.8	45
115	Glucagon-like Peptide-2 and the Regulation of Intestinal Growth and Function. *Comprehensive Physiology*, **2018**, 8, 1185-1210	7.7	44
114	GPR119: "double-dipping" for better glycemic control. *Endocrinology*, **2008**, 149, 2035-7	4.8	42
113	High-Fat Diet and Palmitate Alter the Rhythmic Secretion of Glucagon-Like Peptide-1 by the Rodent L-cell. *Endocrinology*, **2016**, 157, 586-99	4.8	41
112	Incretin-based therapies: mimetics versus protease inhibitors. *Trends in Endocrinology and Metabolism*, **2007**, 18, 240-5	8.8	41
111	Pax-6 activates endogenous proglucagon gene expression in the rodent gastrointestinal epithelium. *Diabetes*, **2003**, 52, 425-33	0.9	41
110	Developmental and tissue-specific regulation of proglucagon gene expression. *Endocrinology*, **1990**, 127, 2217-22	4.8	41
109	A glucagon-like peptide-1 receptor agonist and an antagonist modify macronutrient selection by rats. *Journal of Nutrition*, **2001**, 131, 2164-70	4.1	40
108	Intestinal response to growth factors administered alone or in combination with human [Gly2]glucagon-like peptide 2. *American Journal of Physiology - Renal Physiology*, **1997**, 273, G1252-62	5.1	39
107	Glucagon and related peptides in fetal rat hypothalamus in vivo and in vitro. *Endocrinology*, **1990**, 126, 110-7	4.8	39
106	Oral delivery of glucagon-like peptide-1 in a modified polymer preparation normalizes basal glycaemia in diabetic db/db mice. *Diabetologia*, **2000**, 43, 1319-28	10.3	38
105	Novel biological action of the dipeptidylpeptidase-IV inhibitor, sitagliptin, as a glucagon-like peptide-1 secretagogue. *Endocrinology*, **2012**, 153, 564-73	4.8	37
104	Glucagon-like peptide-2 increases dysplasia in rodent models of colon cancer. *American Journal of Physiology - Renal Physiology*, **2012**, 302, G840-9	5.1	36
103	The rho guanosine 5Ptriphosphatase, cell division cycle 42, is required for insulin-induced actin remodeling and glucagon-like peptide-1 secretion in the intestinal endocrine L cell. *Endocrinology*, **2009**, 150, 5249-61	4.8	35
102	Essential role for protein kinase C in oleic acid-induced glucagon-like peptide-1 secretion in vivo in the rat. *Endocrinology*, **2011**, 152, 1244-52	4.8	35
101	Role of fatty acid transport protein 4 in oleic acid-induced glucagon-like peptide-1 secretion from murine intestinal L cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 303, E899-907	6	35
100	Adventure travel and type 1 diabetes: the complicating effects of high altitude. *Diabetes Care*, **2005**, 28, 2563-72	14.6	33
99	Proglucagon processing in an islet cell line: effects of PC1 overexpression and PC2 depletion. *Endocrinology*, **1998**, 139, 1630-7	4.8	33

98	Ghrelin, the proglucagon-derived peptides and peptide YY in nutrient homeostasis. *Nature Reviews Gastroenterology and Hepatology*, **2012**, 9, 705-15	24.2	31
97	Tissue-specific differences in the levels of proglucagon-derived peptides in streptozotocin-induced diabetes. *Endocrinology*, **1989**, 124, 3003-9	4.8	31
96	Epac is involved in cAMP-stimulated proglucagon expression and hormone production but not hormone secretion in pancreatic alpha- and intestinal L-cell lines. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 296, E174-81	6	30
95	Elevated glucagon-like peptide-1-(7-36)-amide, but not glucose, associated with hyperinsulinemic compensation for fat feeding. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 5191-8	5.6	30
94	PKA independent and cell type specific activation of the expression of caudal homeobox gene Cdx-2 by cyclic AMP. *FEBS Journal*, **2005**, 272, 2746-59	5.7	30
93	Prolonged gastrointestinal transit in a patient with a glucagon-like peptide (GLP)-1- and -2-producing neuroendocrine tumor. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 3078-83	5.6	30
92	Monounsaturated Fatty Acid Diets Improve Glycemic Tolerance through Increased Secretion of Glucagon-Like Peptide-1		30
91	Role of phosphatidylinositol 3-kinasegamma in the beta-cell: interactions with glucagon-like peptide-1. *Endocrinology*, **2006**, 147, 3318-25	4.8	29
90	Sustained expression of exendin-4 does not perturb glucose homeostasis, beta-cell mass, or food intake in metallothionein-preproexendin transgenic mice. *Journal of Biological Chemistry*, **2000**, 275, 34471-7	5.4	29
89	Human phosphoserine 31 corticotropin1-39. Isolation and characterization. *Journal of Biological Chemistry*, **1983**, 258, 8108-12	5.4	29
88	Chronic Exposure to TNF Impairs Secretion of Glucagon-Like Peptide-1. *Endocrinology*, **2015**, 156, 3950-60	4.8	28
87	Exogenous glucagon-like peptide-2 improves outcomes of intestinal adaptation in a distal-intestinal resection neonatal piglet model of short bowel syndrome. *Pediatric Research*, **2014**, 76, 370-7	3.2	28
86	Alterations in proglucagon processing and inhibition of proglucagon gene expression in transgenic mice which contain a chimeric proglucagon-SV40 T antigen gene. *Journal of Biological Chemistry*, **1992**, 267, 20728-33	5.4	27
85	A mathematical model of the oral glucose tolerance test illustrating the effects of the incretins. *Annals of Biomedical Engineering*, **2007**, 35, 1286-300	4.7	26
84	Regulation of peptide-YY synthesis and secretion in fetal rat intestinal cultures. *Endocrinology*, **1991**, 129, 3351-8	4.8	26
83	Foxa3 (HNF-3gamma) binds to and activates the rat proglucagon gene promoter but is not essential for proglucagon gene expression. *Biochemical Journal*, **2002**, 366, 633-41	3.8	25
82	Intestinal growth is associated with elevated levels of glucagon-like peptide 2 in diabetic rats. *American Journal of Physiology - Endocrinology and Metabolism*, **1997**, 273, E815-20	6	24
81	Life in the crypt: a role for glucagon-like peptide-2?. *Molecular and Cellular Endocrinology*, **2008**, 288, 63-70	4.4	24

80	Novel Long-Acting GLP-2 Analogue, FE 203799 (Apraglutide), Enhances Adaptation and Linear Intestinal Growth in a Neonatal Piglet Model of Short Bowel Syndrome with Total Resection of the Ileum. *Journal of Parenteral and Enteral Nutrition*, **2019**, 43, 891-898	4.2	23
79	Role of vesicle-associated membrane protein 2 in exocytosis of glucagon-like peptide-1 from the murine intestinal L cell. *Diabetologia*, **2014**, 57, 809-18	10.3	23
78	Coregulation of glucagon-like peptide-1 synthesis with proglucagon and prohormone convertase 1 gene expression in enteroendocrine GLUTag cells. *Endocrinology*, **2001**, 142, 37-42	4.8	22
77	Synthesis and secretion of glucagon-like peptide-1 by fetal rat intestinal cells in culture. *Endocrine*, **1995**, 3, 499-503		22
76	The SNARE Protein Syntaxin-1a Plays an Essential Role in Biphasic Exocytosis of the Incretin Hormone Glucagon-Like Peptide 1. *Diabetes*, **2017**, 66, 2327-2338	0.9	21
75	R-spondin-1 is a novel beta-cell growth factor and insulin secretagogue. *Journal of Biological Chemistry*, **2010**, 285, 21292-302	5.4	21
74	Isolation of ACTH1-39,ACTH1-38 and CLIP from the calf anterior pituitary. *Biochemical and Biophysical Research Communications*, **1980**, 96, 1441-8	3.4	21
73	Role of glial cell-line derived neurotropic factor family receptor alpha2 in the actions of the glucagon-like peptides on the murine intestine. *American Journal of Physiology - Renal Physiology*, **2007**, 293, G461-8	5.1	20
72	Effects of prolonged exendin-4 administration on hypothalamic-pituitary-adrenal axis activity and water balance. *American Journal of Physiology - Endocrinology and Metabolism*, **2013**, 304, E1105-17	6	19
71	Therapeutic potential of the intestinotropic hormone, glucagon-like peptide-2. *Annals of Medicine*, **2001**, 33, 229-35	1.5	19
70	Suppression of circadian secretion of glucagon-like peptide-1 by the saturated fatty acid, palmitate. *Acta Physiologica*, **2018**, 222, e13007	5.6	19
69	Synergy of glucagon-like peptide-2 and epidermal growth factor coadministration on intestinal adaptation in neonatal piglets with short bowel syndrome. *American Journal of Physiology - Renal Physiology*, **2017**, 312, G390-G404	5.1	18
68	Current and potential therapeutic targets of glucagon-like peptide-2. *Current Opinion in Pharmacology*, **2016**, 31, 13-18	5.1	18
67	A beautiful cell (or two or three?). *Endocrinology*, **2012**, 153, 2945-8	4.8	18
66	Truncated and full-length glucagon-like peptide-1 (GLP-1) differentially stimulate intestinal somatostatin release. *Endocrine*, **1997**, 6, 91-5		18
65	The core clock gene, Bmal1, and its downstream target, the SNARE regulatory protein secretagogin, are necessary for circadian secretion of glucagon-like peptide-1. *Molecular Metabolism*, **2020**, 31, 124-137	8.8	17
64	Structure-Function of the Glucagon Receptor Family of G Protein-Coupled Receptors: The Glucagon, GIP, GLP-1, and GLP-2 Receptors. *Receptors and Channels*, **2002**, 8, 179-188		16
63	Diabetes, trekking and high altitude: recognizing and preparing for the risks. *Diabetic Medicine*, **2015**, 32, 1425-37	3.5	15

62	Biologic properties and therapeutic potential of glucagon-like peptide-2. *Journal of Parenteral and Enteral Nutrition*, **1999**, 23, S98-100	4.2	15
61	IGF binding protein-4 is required for the growth effects of glucagon-like peptide-2 in murine intestine. *Endocrinology*, **2015**, 156, 429-36	4.8	14
60	Essential Role of Syntaxin-Binding Protein-1 in the Regulation of Glucagon-Like Peptide-1 Secretion. *Endocrinology*, **2020**, 161,	4.8	14
59	Glucagon-like peptide-1: The missing link in the metabolic clock?. *Journal of Diabetes Investigation*, **2016**, 7 Suppl 1, 70-5	3.9	14
58	The roles of glucagon-like peptide-2 and the intestinal epithelial insulin-like growth factor-1 receptor in regulating microvillus length. *Scientific Reports*, **2019**, 9, 13010	4.9	10
57	Role of phosphatidylinositol-3 kinase-gamma in the actions of glucagon-like peptide-2 on the murine small intestine. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 292, E1599-606	6	10
56	Circadian GLP-1 Secretion in Mice Is Dependent on the Intestinal Microbiome for Maintenance of Diurnal Metabolic Homeostasis. *Diabetes*, **2020**, 69, 2589-2602	0.9	10
55	Dietary Cyanidin-3-Glucoside Attenuates High-Fat-Diet-Induced Body-Weight Gain and Impairment of Glucose Tolerance in Mice via Effects on the Hepatic Hormone FGF21. *Journal of Nutrition*, **2020**, 150, 2101-2111	4.1	9
54	GLP-2, EGF, and the Intestinal Epithelial IGF-1 Receptor Interactions in the Regulation of Crypt Cell Proliferation. *Endocrinology*, **2020**, 161,	4.8	9
53	Ontogeny of glucagon-like immunoreactive peptides in rat intestine. *Regulatory Peptides*, **1987**, 17, 319-26		9
52	Analysis of Western diet, palmitate and BMAL1 regulation of neuropeptide Y expression in the murine hypothalamus and BMAL1 knockout cell models. *Molecular and Cellular Endocrinology*, **2020**, 507, 110773	4.4	8
51	Nutrient and peptide regulation of somatostatin-28 secretion from intestinal cultures. *Endocrinology*, **1998**, 139, 148-55	4.8	8
50	Molecular and cellular analysis of a neoplastic pancreatic A cell tumor. *Cancer*, **1990**, 65, 1762-70	6.4	8
49	Coregulation of Glucagon-Like Peptide-1 Synthesis with Proglucagon and Prohormone Convertase 1 Gene Expression in Enteroendocrine GLUTag Cells*This work was supported by operating grants (to P.L.B.) from the Canadian Diabetes Association and the Medical Research Council of Canada.		8
48	Linking the Gut Microbiome to Metabolism Through Endocrine Hormones. *Endocrinology*, **2018**, 159, 2978-2979	4.8	7
47	Calcitonin gene-related peptide-I preferentially stimulates secretion of somatostatin from intestinal cultures. *Endocrinology*, **1993**, 133, 2833-7	4.8	7
46	Failure of chronic hyperinsulinemia to suppress pancreatic glucagon in vivo in the rat. *Canadian Journal of Physiology and Pharmacology*, **1991**, 69, 437-43	2.4	7
45	Beta-endorphin modulation of the glucoregulatory effects of repeated epinephrine infusion in normal dogs. *Diabetes*, **1985**, 34, 1293-1300	0.9	7

44	Circadian Rhythms and the Gastrointestinal Tract: Relationship to Metabolism and Gut Hormones. *Endocrinology*, **2020**, 161,	4.8	7
43	Insulin-like growth factor-binding protein-4 inhibits epithelial growth and proliferation in the rodent intestine. *American Journal of Physiology - Renal Physiology*, **2018**, 315, G206-G219	5.1	6
42	Hormonal and metabolic responses to intracarotid and intrajugular infusion of beta-endorphin in normal dogs. *Canadian Journal of Physiology and Pharmacology*, **1986**, 64, 306-10	2.4	6
41	Glucagon-Like Peptide-2 Requires a Full Complement of Bmi-1 for Its Proliferative Effects in the Murine Small Intestine. *Endocrinology*, **2016**, 157, 2660-70	4.8	6
40	On the horizon: trophic peptide growth factors as therapy for neonatal short bowel syndrome. *Expert Opinion on Therapeutic Targets*, **2016**, 20, 819-30	6.4	5
39	Elucidating the Biological Roles of Insulin and Its Receptor in Murine Intestinal Growth and Function. *Endocrinology*, **2017**, 158, 2453-2469	4.8	5
38	Glucagon-like peptide 2: an update. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2005**, 12, 63-71		5
37	Control of proglucagon-derived peptide synthesis and secretion in fetal rat hypothalamus. *Neuroendocrinology*, **1992**, 56, 340-7	5.6	5
36	Synthesis and secretion of somatostatin-28 and -14 by fetal rat intestinal cells in culture. *American Journal of Physiology - Renal Physiology*, **1990**, 258, G974-81	5.1	5
35	Quantitative Proteomics of Intestinal Mucosa From Male Mice Lacking Intestinal Epithelial Insulin Receptors. *Endocrinology*, **2017**, 158, 2470-2485	4.8	4
34	Requirement for the intestinal epithelial insulin-like growth factor-1 receptor in the intestinal responses to glucagon-like peptide-2 and dietary fat. *FASEB Journal*, **2020**, 34, 6628-6640	0.9	4
33	Mechanism of action of glucagon-like peptide-1(7-36NH2) in isolated rat pancreatic islets and abrogation of its effects in long-term incubations. *Endocrine*, **1995**, 3, 795-9		4
32	Increase in somatostatin to glucagon ratio in islets of alloxan-diabetic dogs: effect of insulin-induced euglycemia. *Canadian Journal of Physiology and Pharmacology*, **1993**, 71, 512-7	2.4	4
31	Glucagon-like immunoreactive peptides in a rat ileal epithelial cell line (IEC-18). *Endocrine Research*, **1987**, 13, 229-41	1.9	4
30	Lack of effect of beta-endorphin on basal or glucagon-stimulated hepatic glucose production in vitro. *Metabolism: Clinical and Experimental*, **1987**, 36, 432-7	12.7	4
29	Calcitonin gene-related peptide-I preferentially stimulates secretion of somatostatin from intestinal cultures		4
28	Site-Specific and Temporal Effects of Apraglutide, a Novel Long-Acting Glucagon-Like Peptide-2 Receptor Agonist, on Intestinal Growth in Mice. *Journal of Pharmacology and Experimental Therapeutics*, **2020**, 373, 347-352	4.7	4
27	From cradle to grave: pancreatic beta-cell mass and glucagon-like peptide-1. *Minerva Endocrinologica*, **2006**, 31, 107-24	1.9	4

26	R-spondin1 deficiency enhances Cell neogenesis in a murine model of diabetes. *Pancreas*, **2014**, 43, 93-102	2.6	3
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