Richard L Young

List of Publications by Year
in descending order

73 papers	3,941 citations	116194 36 h-index	139680 61 g-index
73 all docs	73 docs citations	73 times ranked	5179 citing authors

#	Article	IF	Citations
1	Plasma GLP-1 Response to Oral and Intraduodenal Nutrients in Health and Type 2 Diabetesâ€"Impact on Gastric Emptying. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1643-e1652.	1.8	15
2	Serum bile acid response to oral glucose is attenuated in patients with early type 2 diabetes and correlates with 2â€hour plasma glucose in individuals without diabetes. Diabetes, Obesity and Metabolism, 2022, 24, 1132-1142.	2.2	7
3	The regulation of gastric ghrelin secretion. Acta Physiologica, 2021, 231, e13588.	1.8	21
4	Gastric emptying in health and type 2 diabetes: An evaluation using a 75Âg oral glucose drink. Diabetes Research and Clinical Practice, 2021, 171, 108610.	1.1	14
5	Evidence for Glucagon Secretion and Function Within the Human Gut. Endocrinology, 2021, 162, .	1.4	3
6	Pregnancy-related plasticity of gastric vagal afferent signals in mice. American Journal of Physiology - Renal Physiology, 2021, 320, G183-G192.	1.6	8
7	Role of Bile Acids in the Regulation of Food Intake, and Their Dysregulation in Metabolic Disease. Nutrients, 2021, 13, 1104.	1.7	53
8	Adaptations in gastrointestinal nutrient absorption and its determinants during pregnancy in monogastric mammals. JBI Evidence Synthesis, 2021, Publish Ahead of Print, 640-646.	0.6	1
9	A Gut-Intrinsic Melanocortin Signaling Complex Augments L-Cell Secretion in Humans. Gastroenterology, 2021, 161, 536-547.e2.	0.6	10
10	Maternal adaptations to food intake across pregnancy: Central and peripheral mechanisms. Obesity, 2021, 29, 1813-1824.	1.5	11
11	The secretion of total and acyl ghrelin from the mouse gastric mucosa: Role of nutrients and the lipid chemosensors FFAR4 and CD36. Peptides, 2021, 146, 170673.	1.2	2
12	Nutrientâ€sensing components of the mouse stomach and the gastric ghrelin cell. Neurogastroenterology and Motility, 2020, 32, e13944.	1.6	10
13	Development of innovative tools for investigation of nutrient-gut interaction. World Journal of Gastroenterology, 2020, 26, 3562-3576.	1.4	8
14	Low-calorie sweeteners augment tissue-specific insulin sensitivity in a large animal model of obesity. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2380-2391.	3.3	5
15	Treatment of type 2 diabetes with the designer cytokine IC7Fc. Nature, 2019, 574, 63-68.	13.7	55
16	Metformin triggers PYY secretion in human gut mucosa. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2668-2674.	1.8	14
17	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. Diabetes Care, 2019, 42, 520-528.	4.3	37
18	Sugar Responses of Human Enterochromaffin Cells Depend on Gut Region, Sex, and Body Mass. Nutrients, 2019, 11, 234.	1.7	19

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19	Cellular Regulation of Peripheral Serotonin. , 2019, , 137-153.		3
20	Augmented capacity for peripheral serotonin release in human obesity. International Journal of Obesity, 2018, 42, 1880-1889.	1.6	58
21	Gut Mechanisms Linking Intestinal Sweet Sensing to Glycemic Control. Frontiers in Endocrinology, 2018, 9, 741.	1.5	24
22	Role of Intestinal Bitter Sensing in Enteroendocrine Hormone Secretion and Metabolic Control. Frontiers in Endocrinology, 2018, 9, 576.	1.5	42
23	Plasma endocannabinoid levels in lean, overweight, and obese humans: relationships to intestinal permeability markers, inflammation, and incretin secretion. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E489-E495.	1.8	41
24	The Regulation of Peripheral Metabolism by Gut-Derived Hormones. Frontiers in Endocrinology, 2018, 9, 754.	1.5	42
25	Metformin-induced glucagon-like peptide-1 secretion contributes to the actions of metformin in type 2 diabetes. JCI Insight, 2018, 3, .	2.3	86
26	Duodenal fatty acid sensor and transporter expression following acute fat exposure in healthy lean humans. Clinical Nutrition, 2017, 36, 564-569.	2.3	23
27	The nutrientâ€sensing repertoires of mouse enterochromaffin cells differ between duodenum and colon. Neurogastroenterology and Motility, 2017, 29, e13046.	1.6	52
28	The Diverse Metabolic Roles of Peripheral Serotonin. Endocrinology, 2017, 158, 1049-1063.	1.4	164
29	Regional differences in nutrientâ€induced secretion of gut serotonin. Physiological Reports, 2017, 5, e13199.	0.7	57
30	Mechanisms Controlling Glucose-Induced GLP-1 Secretion in Human Small Intestine. Diabetes, 2017, 66, 2144-2149.	0.3	99
31	Lipid stimulation of fatty acid sensors in the human duodenum: relationship with gastrointestinal hormones, BMI and diet. International Journal of Obesity, 2017, 41, 233-239.	1.6	16
32	Huntingtin-associated protein 1: Eutherian adaptation from aÂTRAK-like protein, conserved gene promoter elements, and localization in the human intestine. BMC Evolutionary Biology, 2016, 16, 214.	3.2	8
33	From gut dysbiosis to altered brain function and mental illness: mechanisms and pathways. Molecular Psychiatry, 2016, 21, 738-748.	4.1	683
34	Serotonin-secreting enteroendocrine cells respond via diverse mechanisms to acute and chronic changes in glucose availability. Nutrition and Metabolism, 2015, 12, 55.	1.3	40
35	Gut Serotonin Is a Regulator of Obesity and Metabolism. Gastroenterology, 2015, 149, 253-255.	0.6	37
36	Calcium desensitisation in late polymicrobial sepsis is associated with loss of vasopressor sensitivity in a murine model. Intensive Care Medicine Experimental, 2015, 3, 36.	0.9	15

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37	Oral and intestinal sweet and fat tasting: impact of receptor polymorphisms and dietary modulation for metabolic disease. Nutrition Reviews, 2015, 73, 318-334.	2.6	18
38	Accelerated Intestinal Glucose Absorption in Morbidly Obese Humans: Relationship to Glucose Transporters, Incretin Hormones, and Glycemia. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 968-976.	1.8	90
39	Mechanisms of activation of mouse and human enteroendocrine cells by nutrients. Gut, 2015, 64, 618-626.	6.1	83
40	Upregulation of intestinal glucose transporters after Roux-en-Y gastric bypass to prevent carbohydrate malabsorption. Obesity, 2014, 22, 2164-2171.	1.5	52
41	The Effects of Critical Illness on Intestinal Glucose Sensing, Transporters, and Absorption*. Critical Care Medicine, 2014, 42, 57-65.	0.4	74
42	Glucose absorption in small intestinal diseases. Expert Review of Gastroenterology and Hepatology, 2014, 8, 301-312.	1.4	18
43	Characterization of duodenal expression and localization of fatty acid-sensing receptors in humans: relationships with body mass index. American Journal of Physiology - Renal Physiology, 2014, 307, G958-G967.	1.6	43
44	Significance of store operated calcium entry in human abdominal aortic aneurysm vascular smooth muscle cells (1057.3). FASEB Journal, 2014, 28, 1057.3.	0.2	0
45	Resistance of storeâ€operated calcium entry to tumour microenvironment conditions and enhanced potency of Synta66 in colorectal adenocarcinoma cells (1057.4). FASEB Journal, 2014, 28, 1057.4.	0.2	0
46	Disordered Control of Intestinal Sweet Taste Receptor Expression and Glucose Absorption in Type 2 Diabetes. Diabetes, 2013, 62, 3532-3541.	0.3	88
47	Identifying spinal sensory pathways activated by noxious esophageal acid. Neurogastroenterology and Motility, 2013, 25, e660-8.	1.6	16
48	Gut motility and enteroendocrine secretion. Current Opinion in Pharmacology, 2013, 13, 928-934.	1.7	68
49	Modulation of murine gastric vagal afferent mechanosensitivity by neuropeptide <scp>W</scp>. Acta Physiologica, 2013, 209, 179-191.	1.8	19
50	Artificial Sweeteners Have No Effect on Gastric Emptying, Glucagon-Like Peptide-1, or Glycemia After Oral Glucose in Healthy Humans. Diabetes Care, 2013, 36, e202-e203.	4.3	51
51	Gastric vagal afferent modulation by leptin is influenced by food intake status. Journal of Physiology, 2013, 591, 1921-1934.	1.3	78
52	Effects of different sweet preloads on incretin hormone secretion, gastric emptying, and postprandial glycemia in healthy humans. American Journal of Clinical Nutrition, 2012, 95, 78-83.	2.2	136
53	Peripheral neural targets in obesity. British Journal of Pharmacology, 2012, 166, 1537-1558.	2.7	36
54	Dietâ€induced adaptation of vagal afferent function. Journal of Physiology, 2012, 590, 209-221.	1.3	102

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55	Sensing Via Intestinal Sweet Taste Pathways. Frontiers in Neuroscience, 2011, 5, 23.	1.4	56
56	Metabotropic Glutamate Receptors as Novel Therapeutic Targets on Visceral Sensory Pathways. Frontiers in Neuroscience, 2011, 5, 40.	1.4	29
57	Detection and signaling of glucose in the intestinal mucosa - vagal pathway. Neurogastroenterology and Motility, 2011, 23, 591-594.	1.6	8
58	Effect of the artificial sweetener, sucralose, on small intestinal glucose absorption in healthy human subjects. British Journal of Nutrition, 2010, 104, 803-806.	1.2	117
59	Sensory and Motor Innervation of the Crural Diaphragm by the Vagus Nerves. Gastroenterology, 2010, 138, 1091-1101.e5.	0.6	57
60	Effects of cefaclor on gastric emptying and cholecystokinin release in healthy humans. Regulatory Peptides, 2010, 159, 156-159.	1.9	6
61	Expression of taste molecules in the upper gastrointestinal tract in humans with and without type 2 diabetes. Gut, 2009, 58, 337-346.	6.1	156
62	Effect of the artificial sweetener, sucralose, on gastric emptying and incretin hormone release in healthy subjects. American Journal of Physiology - Renal Physiology, 2009, 296, G735-G739.	1.6	201
63	Nitric Oxide as an Endogenous Peripheral Modulator of Visceral Sensory Neuronal Function. Journal of Neuroscience, 2009, 29, 7246-7255.	1.7	37
64	Chemical coding and central projections of gastric vagal afferent neurons. Neurogastroenterology and Motility, 2008, 20, 708-718.	1.6	30
65	Anatomy and function of group III metabotropic glutamate receptors in gastric vagal pathways. Neuropharmacology, 2008, 54, 965-975.	2.0	25
66	Phenotypic characterization of taste cells of the mouse small intestine. American Journal of Physiology - Renal Physiology, 2007, 292, G1420-G1428.	1.6	111
67	Peripheral versus central modulation of gastric vagal pathways by metabotropic glutamate receptor 5. American Journal of Physiology - Renal Physiology, 2007, 292, G501-G511.	1.6	37
68	Localization and comparative analysis of acid-sensing ion channel (ASIC1, 2, and 3) mRNA expression in mouse colonic sensory neurons within thoracolumbar dorsal root ganglia. Journal of Comparative Neurology, 2007, 500, 863-875.	0.9	83
69	Modulation of gastro-oesophageal vagal afferents by galanin in mouse and ferret. Journal of Physiology, 2005, 563, 809-819.	1.3	36
70	Metabotropic glutamate receptors inhibit mechanosensitivity in vagal sensory neurons. Gastroenterology, 2005, 128, 402-410.	0.6	81
71	GABAB receptors on vagal afferent pathways: peripheral and central inhibition. American Journal of Physiology - Renal Physiology, 2001, 280, G658-G668.	1.6	53
72	GABABR expressed on vagal afferent neurones inhibit gastric mechanosensitivity in ferret proximal stomach. American Journal of Physiology - Renal Physiology, 2001, 281, G1494-G1501.	1.6	49

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73	Left ventricular aneurysm repair in rats: Structural, functional, and molecular consequences. Journal of Thoracic and Cardiovascular Surgery, 2001, 121, 750-761.	0.4	14