

Richard L Young

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/55753/publications.pdf>

Version: 2024-02-01

73
papers

3,941
citations

101543

36
h-index

123424

61
g-index

73
all docs

73
docs citations

73
times ranked

4840
citing authors

#	ARTICLE	IF	CITATIONS
1	From gut dysbiosis to altered brain function and mental illness: mechanisms and pathways. <i>Molecular Psychiatry</i> , 2016, 21, 738-748.	7.9	683
2	Effect of the artificial sweetener, sucralose, on gastric emptying and incretin hormone release in healthy subjects. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G735-G739.	3.4	201
3	The Diverse Metabolic Roles of Peripheral Serotonin. <i>Endocrinology</i> , 2017, 158, 1049-1063.	2.8	164
4	Expression of taste molecules in the upper gastrointestinal tract in humans with and without type 2 diabetes. <i>Gut</i> , 2009, 58, 337-346.	12.1	156
5	Effects of different sweet preloads on incretin hormone secretion, gastric emptying, and postprandial glycemia in healthy humans. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 78-83.	4.7	136
6	Effect of the artificial sweetener, sucralose, on small intestinal glucose absorption in healthy human subjects. <i>British Journal of Nutrition</i> , 2010, 104, 803-806.	2.3	117
7	Phenotypic characterization of taste cells of the mouse small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G1420-G1428.	3.4	111
8	Diet-induced adaptation of vagal afferent function. <i>Journal of Physiology</i> , 2012, 590, 209-221.	2.9	102
9	Mechanisms Controlling Glucose-Induced GLP-1 Secretion in Human Small Intestine. <i>Diabetes</i> , 2017, 66, 2144-2149.	0.6	99
10	Accelerated Intestinal Glucose Absorption in Morbidly Obese Humans: Relationship to Glucose Transporters, Incretin Hormones, and Glycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 968-976.	3.6	90
11	Disordered Control of Intestinal Sweet Taste Receptor Expression and Glucose Absorption in Type 2 Diabetes. <i>Diabetes</i> , 2013, 62, 3532-3541.	0.6	88
12	Metformin-induced glucagon-like peptide-1 secretion contributes to the actions of metformin in type 2 diabetes. <i>JCI Insight</i> , 2018, 3, .	5.0	86
13	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. <i>Journal of Comparative Neurology</i> , 2007, 500, 863-875.	1.6	83
14	Mechanisms of activation of mouse and human enteroendocrine cells by nutrients. <i>Gut</i> , 2015, 64, 618-626.	12.1	83
15	Metabotropic glutamate receptors inhibit mechanosensitivity in vagal sensory neurons. <i>Gastroenterology</i> , 2005, 128, 402-410.	1.3	81
16	Gastric vagal afferent modulation by leptin is influenced by food intake status. <i>Journal of Physiology</i> , 2013, 591, 1921-1934.	2.9	78
17	The Effects of Critical Illness on Intestinal Glucose Sensing, Transporters, and Absorption*. <i>Critical Care Medicine</i> , 2014, 42, 57-65.	0.9	74
18	Gut motility and enteroendocrine secretion. <i>Current Opinion in Pharmacology</i> , 2013, 13, 928-934.	3.5	68

#	ARTICLE	IF	CITATIONS
19	Augmented capacity for peripheral serotonin release in human obesity. <i>International Journal of Obesity</i> , 2018, 42, 1880-1889.	3.4	58
20	Sensory and Motor Innervation of the Crural Diaphragm by the Vagus Nerves. <i>Gastroenterology</i> , 2010, 138, 1091-1101.e5.	1.3	57
21	Regional differences in nutrient-induced secretion of gut serotonin. <i>Physiological Reports</i> , 2017, 5, e13199.	1.7	57
22	Sensing Via Intestinal Sweet Taste Pathways. <i>Frontiers in Neuroscience</i> , 2011, 5, 23.	2.8	56
23	Treatment of type 2 diabetes with the designer cytokine IC7Fc. <i>Nature</i> , 2019, 574, 63-68.	27.8	55
24	GABAB receptors on vagal afferent pathways: peripheral and central inhibition. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, G658-G668.	3.4	53
25	Role of Bile Acids in the Regulation of Food Intake, and Their Dysregulation in Metabolic Disease. <i>Nutrients</i> , 2021, 13, 1104.	4.1	53
26	Upregulation of intestinal glucose transporters after Roux-en-Y gastric bypass to prevent carbohydrate malabsorption. <i>Obesity</i> , 2014, 22, 2164-2171.	3.0	52
27	The nutrient-sensing repertoires of mouse enterochromaffin cells differ between duodenum and colon. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13046.	3.0	52
28	Artificial Sweeteners Have No Effect on Gastric Emptying, Glucagon-Like Peptide-1, or Glycemia After Oral Glucose in Healthy Humans. <i>Diabetes Care</i> , 2013, 36, e202-e203.	8.6	51
29	GABABR expressed on vagal afferent neurones inhibit gastric mechanosensitivity in ferret proximal stomach. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G1494-G1501.	3.4	49
30	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> , 2014, 307, G958-G967.	3.4	43
31	Role of Intestinal Bitter Sensing in Enteroendocrine Hormone Secretion and Metabolic Control. <i>Frontiers in Endocrinology</i> , 2018, 9, 576.	3.5	42
32	The Regulation of Peripheral Metabolism by Gut-Derived Hormones. <i>Frontiers in Endocrinology</i> , 2018, 9, 754.	3.5	42
33	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> , 2018, 315, E489-E495.	3.5	41
34	Serotonin-secreting enteroendocrine cells respond via diverse mechanisms to acute and chronic changes in glucose availability. <i>Nutrition and Metabolism</i> , 2015, 12, 55.	3.0	40
35	Peripheral versus central modulation of gastric vagal pathways by metabotropic glutamate receptor 5. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G501-G511.	3.4	37
36	Nitric Oxide as an Endogenous Peripheral Modulator of Visceral Sensory Neuronal Function. <i>Journal of Neuroscience</i> , 2009, 29, 7246-7255.	3.6	37

#	ARTICLE	IF	CITATIONS
37	Gut Serotonin Is a Regulator of Obesity and Metabolism. <i>Gastroenterology</i> , 2015, 149, 253-255.	1.3	37
38	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> , 2019, 42, 520-528.	8.6	37
39	Modulation of gastro-oesophageal vagal afferents by galanin in mouse and ferret. <i>Journal of Physiology</i> , 2005, 563, 809-819.	2.9	36
40	Peripheral neural targets in obesity. <i>British Journal of Pharmacology</i> , 2012, 166, 1537-1558.	5.4	36
41	Chemical coding and central projections of gastric vagal afferent neurons. <i>Neurogastroenterology and Motility</i> , 2008, 20, 708-718.	3.0	30
42	Metabotropic Glutamate Receptors as Novel Therapeutic Targets on Visceral Sensory Pathways. <i>Frontiers in Neuroscience</i> , 2011, 5, 40.	2.8	29
43	Anatomy and function of group III metabotropic glutamate receptors in gastric vagal pathways. <i>Neuropharmacology</i> , 2008, 54, 965-975.	4.1	25
44	Gut Mechanisms Linking Intestinal Sweet Sensing to Glycemic Control. <i>Frontiers in Endocrinology</i> , 2018, 9, 741.	3.5	24
45	Duodenal fatty acid sensor and transporter expression following acute fat exposure in healthy lean humans. <i>Clinical Nutrition</i> , 2017, 36, 564-569.	5.0	23
46	The regulation of gastric ghrelin secretion. <i>Acta Physiologica</i> , 2021, 231, e13588.	3.8	21
47	Modulation of murine gastric vagal afferent mechanosensitivity by neuropeptide <i>W</i> . <i>Acta Physiologica</i> , 2013, 209, 179-191.	3.8	19
48	Sugar Responses of Human Enterochromaffin Cells Depend on Gut Region, Sex, and Body Mass. <i>Nutrients</i> , 2019, 11, 234.	4.1	19
49	Glucose absorption in small intestinal diseases. <i>Expert Review of Gastroenterology and Hepatology</i> , 2014, 8, 301-312.	3.0	18
50	Oral and intestinal sweet and fat tasting: impact of receptor polymorphisms and dietary modulation for metabolic disease. <i>Nutrition Reviews</i> , 2015, 73, 318-334.	5.8	18
51	Identifying spinal sensory pathways activated by noxious esophageal acid. <i>Neurogastroenterology and Motility</i> , 2013, 25, e660-8.	3.0	16
52	Lipid stimulation of fatty acid sensors in the human duodenum: relationship with gastrointestinal hormones, BMI and diet. <i>International Journal of Obesity</i> , 2017, 41, 233-239.	3.4	16
53	Calcium desensitisation in late polymicrobial sepsis is associated with loss of vasopressor sensitivity in a murine model. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 36.	1.9	15
54	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> , 2022, 107, e1643-e1652.	3.6	15

#	ARTICLE	IF	CITATIONS
55	Left ventricular aneurysm repair in rats: Structural, functional, and molecular consequences. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 750-761.	0.8	14
56	Metformin triggers PYY secretion in human gut mucosa. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2668-2674.	3.6	14
57	Gastric emptying in health and type 2 diabetes: An evaluation using a 75Åg oral glucose drink. <i>Diabetes Research and Clinical Practice</i> , 2021, 171, 108610.	2.8	14
58	Maternal adaptations to food intake across pregnancy: Central and peripheral mechanisms. <i>Obesity</i> , 2021, 29, 1813-1824.	3.0	11
59	Nutrientâ€sensing components of the mouse stomach and the gastric ghrelin cell. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13944.	3.0	10
60	A Gut-Intrinsic Melanocortin Signaling Complex Augments L-Cell Secretion in Humans. <i>Gastroenterology</i> , 2021, 161, 536-547.e2.	1.3	10
61	Detection and signaling of glucose in the intestinal mucosa - vagal pathway. <i>Neurogastroenterology and Motility</i> , 2011, 23, 591-594.	3.0	8
62	Huntingtin-associated protein 1: Eutherian adaptation from aÂTRAK-like protein, conserved gene promoter elements, and localization in the human intestine. <i>BMC Evolutionary Biology</i> , 2016, 16, 214.	3.2	8
63	Pregnancy-related plasticity of gastric vagal afferent signals in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G183-G192.	3.4	8
64	Development of innovative tools for investigation of nutrient-gut interaction. <i>World Journal of Gastroenterology</i> , 2020, 26, 3562-3576.	3.3	8
65	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. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1132-1142.	4.4	7
66	Effects of cefaclor on gastric emptying and cholecystokinin release in healthy humans. <i>Regulatory Peptides</i> , 2010, 159, 156-159.	1.9	6
67	Low-calorie sweeteners augment tissue-specific insulin sensitivity in a large animal model of obesity. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2380-2391.	6.4	5
68	Cellular Regulation of Peripheral Serotonin. , 2019, , 137-153.		3
69	Evidence for Glucagon Secretion and Function Within the Human Gut. <i>Endocrinology</i> , 2021, 162, .	2.8	3
70	The secretion of total and acyl ghrelin from the mouse gastric mucosa: Role of nutrients and the lipid chemosensors FFAR4 and CD36. <i>Peptides</i> , 2021, 146, 170673.	2.4	2
71	Adaptations in gastrointestinal nutrient absorption and its determinants during pregnancy in monogastric mammals. <i>JBI Evidence Synthesis</i> , 2021, Publish Ahead of Print, 640-646.	1.3	1
72	Significance of store operated calcium entry in human abdominal aortic aneurysm vascular smooth muscle cells (1057.3). <i>FASEB Journal</i> , 2014, 28, 1057.3.	0.5	0

#	ARTICLE	IF	CITATIONS
73	Resistance of store-operated calcium entry to tumour microenvironment conditions and enhanced potency of Synta66 in colorectal adenocarcinoma cells (1057.4). FASEB Journal, 2014, 28, 1057.4.	0.5	0