

Ghrelin, CCK, GLP-1, and PYY(3-36): Secretory Control and Glycemia in Health, Obesity, and After RYGB

Physiological Reviews

97, 411-463

DOI: [10.1152/physrev.00031.2014](https://doi.org/10.1152/physrev.00031.2014)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Postprandial Suppression of Glucagon Secretion: A Puzzlement. <i>Diabetes</i> , 2017, 66, 1123-1125.	0.3	16
2	A walnut-containing meal had similar effects on early satiety, CCK, and PYY, but attenuated the postprandial GLP-1 and insulin response compared to a nut-free control meal. <i>Appetite</i> , 2017, 117, 51-57.	1.8	28
3	Ovarian hormones and obesity. <i>Human Reproduction Update</i> , 2017, 23, 300-321.	5.2	229
4	Neuroendocrine regulation of energy balance: Implications on the development and surgical treatment of obesity. <i>Nutrition and Health</i> , 2017, 23, 131-146.	0.6	8
5	Partial jejunal diversion using an incisionless magnetic anastomosis system: 1-year interim results in patients with obesity and diabetes. <i>Gastrointestinal Endoscopy</i> , 2017, 86, 904-912.	0.5	114
6	Effects of randomized whey-protein loads on energy intake, appetite, gastric emptying, and plasma gut-hormone concentrations in older men and women. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 865-877.	2.2	53
7	Potential Hormone Mechanisms of Bariatric Surgery. <i>Current Obesity Reports</i> , 2017, 6, 253-265.	3.5	109
8	Toward a Wiring Diagram Understanding of Appetite Control. <i>Neuron</i> , 2017, 95, 757-778.	3.8	391
9	Do Food Preferences Change After Bariatric Surgery?. <i>Current Atherosclerosis Reports</i> , 2017, 19, 38.	2.0	35
10	On the relationship between glucose absorption and glucose-stimulated secretion of <sc>GLP</sc>â€1, neurotensin, and <sc>PYY</sc> from different intestinal segments in the rat. <i>Physiological Reports</i> , 2017, 5, e13507.	0.7	29
11	Cardiovascular and Antiobesity Effects of Resveratrol Mediated through the Gut Microbiota. <i>Advances in Nutrition</i> , 2017, 8, 839-849.	2.9	104
12	Comparative effects of intraduodenal amino acid infusions on food intake and gut hormone release in healthy males. <i>Physiological Reports</i> , 2017, 5, e13492.	0.7	18
13	Just a Gut Feeling: Central Nervous Effects of Peripheral Gastrointestinal Hormones. <i>Endocrine Development</i> , 2017, 32, 100-123.	1.3	6
14	Microbiome, probiotics and neurodegenerative diseases: deciphering the gut brain axis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3769-3787.	2.4	362
15	The impact of gut hormones on the neural circuit of appetite and satiety: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 80, 457-475.	2.9	166
16	Neural and Molecular Mechanisms Involved in Controlling the Quality of Feeding Behavior: Diet Selection and Feeding Patterns. <i>Nutrients</i> , 2017, 9, 1151.	1.7	22
17	Functional Foods and Lifestyle Approaches for Diabetes Prevention and Management. <i>Nutrients</i> , 2017, 9, 1310.	1.7	218
18	Signalling from the periphery to the brain that regulates energy homeostasis. <i>Nature Reviews Neuroscience</i> , 2018, 19, 185-196.	4.9	124

#	ARTICLE	IF	CITATIONS
19	Chimeric peptide EP45 as a dual agonist at GLP-1 and NPY2R receptors. <i>Scientific Reports</i> , 2018, 8, 3749.	1.6	35
20	Sleep influences on obesity, insulin resistance, and risk of type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2018, 84, 56-66.	1.5	284
21	Future Pharmacotherapy for Obesity: New Anti-obesity Drugs on the Horizon. <i>Current Obesity Reports</i> , 2018, 7, 147-161.	3.5	168
22	Effects of caloric and noncaloric sweeteners on antroduodenal motility, gastrointestinal hormone secretion and appetite-related sensations in healthy subjects. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 707-716.	2.2	31
23	A Clear Difference Emerges in Hormone Patterns Following a Standard Midday Meal in Young Women Who Regularly Eat or Skip Breakfast. <i>Journal of Nutrition</i> , 2018, 148, 685-692.	1.3	3
24	Disturbance of gut satiety peptide in purging disorder. <i>International Journal of Eating Disorders</i> , 2018, 51, 53-61.	2.1	27
25	Plasma bile acid changes in type 2 diabetes correlated with insulin secretion in two-step hyperglycemic clamp. <i>Journal of Diabetes</i> , 2018, 10, 874-885.	0.8	16
26	Appetite, Glycemia, and Entero-Insular Hormone Responses Differ Between Oral, Gastric-Remnant, and Duodenal Administration of a Mixed-Meal Test After Roux-en-Y Gastric Bypass. <i>Diabetes Care</i> , 2018, 41, 1295-1298.	4.3	8
27	Butyrate: A Double-Edged Sword for Health?. <i>Advances in Nutrition</i> , 2018, 9, 21-29.	2.9	639
28	Subjective satiety and plasma PYY concentration after wholemeal pasta. <i>Appetite</i> , 2018, 125, 172-181.	1.8	21
29	Greater Curvature Plication with Duodenal-jejunal Bypass: a Novel Metabolic Surgery for Type 2 Diabetes Mellitus. <i>Obesity Surgery</i> , 2018, 28, 1595-1601.	1.1	2
30	Upregulation of Ghrelin Gene Expression in the Excluded Stomach of Obese Women with Type 2 Diabetes After Roux-en-Y Gastric Bypass in the SURMetaGIT Study. <i>Obesity Surgery</i> , 2018, 28, 877-880.	1.1	7
31	Pediatric obesity: Current concepts. <i>Disease-a-Month</i> , 2018, 64, 98-156.	0.4	48
32	SCFAs strongly stimulate PYY production in human enteroendocrine cells. <i>Scientific Reports</i> , 2018, 8, 74.	1.6	262
33	Fasting upregulates ferroportin 1 expression via a Ghrelin/GHSR/MAPK signaling pathway. <i>Journal of Cellular Physiology</i> , 2018, 233, 30-37.	2.0	19
34	Peptide YY mediates the satiety effects of diets enriched with whey protein fractions in male rats. <i>FASEB Journal</i> , 2018, 32, 850-861.	0.2	14
35	Pepsin and Its Importance for Functional Dyspepsia: Relic, Regulator or Remedy?. <i>Digestive Diseases</i> , 2018, 36, 98-105.	0.8	6
36	Ghrelin is Negatively Correlated with Iron in the Serum in Human and Mice. <i>Annals of Nutrition and Metabolism</i> , 2018, 72, 37-42.	1.0	7

#	ARTICLE	IF	CITATIONS
37	Combined gastrin releasing peptide-29 and glucagon like peptide-1 reduce body weight more than each individual peptide in diet-induced obese male rats. <i>Neuropeptides</i> , 2018, 67, 71-78.	0.9	7
38	Upper Gastrointestinal Function in Morbidly Obese Adolescents Before and 6 Months After Gastric Banding. <i>Obesity Surgery</i> , 2018, 28, 1277-1288.	1.1	9
39	Deactivation of the NLRP3 inflammasome in infiltrating macrophages by duodenal-jejunal bypass surgery mediates improvement of beta cell function in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2018, 81, 1-12.	1.5	28
40	Neuroendocrine Regulation of Appetite and Body Weight. , 2018, , 53-74.		0
41	Endocrine regulation of gut function – a role for glucagon-like peptide-1 in the pathophysiology of irritable bowel syndrome. <i>Experimental Physiology</i> , 2019, 104, 3-10.	0.9	19
42	A paradigm shift for the prevention and treatment of individual and global obesity. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018, Volume 11, 855-861.	1.1	4
43	Role of Intestinal Bitter Sensing in Enteroendocrine Hormone Secretion and Metabolic Control. <i>Frontiers in Endocrinology</i> , 2018, 9, 576.	1.5	42
44	Weight-Independent Mechanisms of Glucose Control After Roux-en-Y Gastric Bypass. <i>Frontiers in Endocrinology</i> , 2018, 9, 530.	1.5	40
45	The gut-brain axis in health neuroscience: implications for functional gastrointestinal disorders and appetite regulation. <i>Annals of the New York Academy of Sciences</i> , 2018, 1428, 129-150.	1.8	44
46	Acute Effects of Substitution, and Addition, of Carbohydrates and Fat to Protein on Gastric Emptying, Blood Glucose, Gut Hormones, Appetite, and Energy Intake. <i>Nutrients</i> , 2018, 10, 1451.	1.7	21
47	Cholecystokinin (CCK). , 2018, , 529-533.		0
48	Acute Effects of Dietary Carbohydrate Restriction on Glycemia, Lipemia and Appetite Regulating Hormones in Normal-Weight to Obese Subjects. <i>Nutrients</i> , 2018, 10, 1285.	1.7	12
49	Time-dependent effects on small intestinal transport by absorption-modifying excipients. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 132, 19-28.	2.0	21
50	The metabolic role of vagal afferent innervation. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 625-636.	8.2	70
51	RYGB increases the satiating effect of intrajejunal lipid infusions in female rats. <i>Appetite</i> , 2018, 131, 94-99.	1.8	5
52	The vagus neurometabolic interface and clinical disease. <i>International Journal of Obesity</i> , 2018, 42, 1101-1111.	1.6	23
53	Apolipoprotein A-IV enhances cholecystokinin secretion. <i>Physiology and Behavior</i> , 2018, 188, 11-17.	1.0	2
54	Effects of oat β -glucan consumption at breakfast on ad libitum eating, appetite, glycemia, insulinemia and GLP-1 concentrations in healthy subjects. <i>Appetite</i> , 2018, 128, 197-204.	1.8	29

#	ARTICLE	IF	CITATIONS
55	Dietary fat stimulates pancreatic cancer growth and promotes fibrosis of the tumor microenvironment through the cholecystokinin receptor. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G699-G712.	1.6	31
56	Gastrointestinal Hormones Controlling Energy Homeostasis and Their Potential Role in Obesity. , 2018, , 183-203.		1
57	Effect of absorption-modifying excipients, hypotonicity, and enteric neural activity in an in vivo model for small intestinal transport. <i>International Journal of Pharmaceutics</i> , 2018, 549, 239-248.	2.6	28
58	Intracellular cAMP Sensor EPAC: Physiology, Pathophysiology, and Therapeutics Development. <i>Physiological Reviews</i> , 2018, 98, 919-1053.	13.1	141
59	Phoenixinâ€”A Pleiotropic Gut-Brain Peptide. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1726.	1.8	26
60	Dose-Dependent Effects of Randomized Intraduodenal Whey-Protein Loads on Glucose, Gut Hormone, and Amino Acid Concentrations in Healthy Older and Younger Men. <i>Nutrients</i> , 2018, 10, 78.	1.7	30
61	Effects of Substitution, and Adding of Carbohydrate and Fat to Whey-Protein on Energy Intake, Appetite, Gastric Emptying, Glucose, Insulin, Ghrelin, CCK and GLP-1 in Healthy Older Menâ€”A Randomized Controlled Trial. <i>Nutrients</i> , 2018, 10, 113.	1.7	26
62	Gastrointestinal Transit Time, Glucose Homeostasis and Metabolic Health: Modulation by Dietary Fibers. <i>Nutrients</i> , 2018, 10, 275.	1.7	188
63	Effect of gender on the acute effects of whey protein ingestion on energy intake, appetite, gastric emptying and gut hormone responses in healthy young adults. <i>Nutrition and Diabetes</i> , 2018, 8, 40.	1.5	26
64	COMPARISON OF THE LEVELS OF C-REACTIVE PROTEIN, GLP-1 AND GLP-2 AMONG INDIVIDUALS WITH DIABETES, MORBID OBESITY AND HEALTHY CONTROLS: AN EXPLORATORY STUDY. <i>Arquivos De Gastroenterologia</i> , 2018, 55, 72-77.	0.3	4
65	Wheat gluten hydrolysate potently stimulates peptide-YY secretion and suppresses food intake in rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1992-1999.	0.6	12
66	Deriving functional human enteroendocrine cells from pluripotent stem cells. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	34
67	Comment on: Effect of laparoscopic Roux-en-Y gastric bypass versus laparoscopic sleeve gastrectomy on fasting gastrointestinal and pancreatic peptide hormones: A prospective nonrandomized trial. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, 1529-1530.	1.0	0
68	Effects of starvation and short-term refeeding on gastric emptying and postprandial blood glucose regulation in adolescent girls with anorexia nervosa. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E565-E573.	1.8	33
69	Oral lactoferrin influences psychological stress in humans: A singleâ€”dose administration crossover study. <i>Biomedical Reports</i> , 2018, 8, 426-432.	0.9	11
70	Recommendations for characterization and reporting of dietary fibers in nutrition research. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 437-444.	2.2	19
71	Gastrointestinal Hormones â††. , 2018, , 31-70.		20
72	Simulation of gastric bypass effects on glucose metabolism and non-alcoholic fatty liver disease with the Sleeveballoon device. <i>EBioMedicine</i> , 2019, 46, 452-462.	2.7	11

#	ARTICLE	IF	CITATIONS
73	Bacterial modulation of visceral sensation: mediators and mechanisms. American Journal of Physiology - Renal Physiology, 2019, 317, G363-G372.	1.6	22
74	How Satiating Are the "Satiety" Peptides: A Problem of Pharmacology versus Physiology in the Development of Novel Foods for Regulation of Food Intake. Nutrients, 2019, 11, 1517.	1.7	19
75	Treating T2DM and obesity with bariatric surgery and GLP1 agents. Nature Reviews Endocrinology, 2019, 15, 504-506.	4.3	2
76	Effect of Oral Nutritional Supplements with Sucromalt and Isomaltulose versus Standard Formula on Glycaemic Index, Entero-Insular Axis Peptides and Subjective Appetite in Patients with Type 2 Diabetes: A Randomised Cross-Over Study. Nutrients, 2019, 11, 1477.	1.7	16
77	Effects of a Flavonoid-Rich Extract from Citrus sinensis Juice on a Diet-Induced Obese Zebrafish. International Journal of Molecular Sciences, 2019, 20, 5116.	1.8	35
78	Physiology of the Incretin Hormones, GIP and GLP-1 "Regulation of Release and Posttranslational Modifications. , 2019, 9, 1339-1381.		38
80	The Microbiota-Gut-Brain Axis. Physiological Reviews, 2019, 99, 1877-2013.	13.1	2,304
81	Glycaemic, gastrointestinal, hormonal and appetitive responses to pearl millet or oats porridge breakfasts: a randomised, crossover trial in healthy humans. British Journal of Nutrition, 2019, 122, 1142-1154.	1.2	21
82	Glucagon-like peptide 1 (GLP-1). Molecular Metabolism, 2019, 30, 72-130.	3.0	850
83	Does PYY mediate resolution of diabetes following bariatric surgery?. EBioMedicine, 2019, 40, 5-6.	2.7	2
84	Postprandial Effects of Blueberry (Vaccinium angustifolium) Consumption on Glucose Metabolism, Gastrointestinal Hormone Response, and Perceived Appetite in Healthy Adults: A Randomized, Placebo-Controlled Crossover Trial. Nutrients, 2019, 11, 202.	1.7	24
85	Systematic Review and Meta-analysis of the Change in Ghrelin Levels After Roux-en-Y Gastric Bypass. Obesity Surgery, 2019, 29, 1343-1351.	1.1	45
86	Regulation of the Energy Balance. , 2019, , 227-243.		2
87	The Cognitive Control of Eating and Body Weight: It's More Than What You "Think". Frontiers in Psychology, 2019, 10, 62.	1.1	73
88	PI 3-kinase and ERK/MAPK dependent mechanisms underlie Glucagon-Like Peptide-1 mediated activation of Sprague Dawley colonic myenteric neurons. Neurogastroenterology and Motility, 2019, 31, e13631.	1.6	7
89	The role of gut hormones in the pathogenesis and management of obesity. Current Opinion in Physiology, 2019, 12, 1-11.	0.9	13
90	Cannabinoid CB1 Receptors Inhibit Gut-Brain Satiation Signaling in Diet-Induced Obesity. Frontiers in Physiology, 2019, 10, 704.	1.3	37
91	Evaluation of drug permeability calculation based on luminal disappearance and plasma appearance in the rat single-pass intestinal perfusion model. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 31-37.	2.0	23

#	ARTICLE	IF	CITATIONS
92	Effects of Intraduodenal Infusion of the Bitter Tastant, Quinine, on Antropyloroduodenal Motility, Plasma Cholecystokinin, and Energy Intake in Healthy Men. <i>Journal of Neurogastroenterology and Motility</i> , 2019, 25, 413-422.	0.8	15
93	The preprohormone expression profile of enteroendocrine cells following Roux-en-Y gastric bypass in rats. <i>Peptides</i> , 2019, 118, 170100.	1.2	10
94	Effect of food ingredients on glucagon-like peptide-1 secretion in STC-1 and HuTu-80 cells. <i>International Journal of Food Science and Technology</i> , 2019, 54, 3149-3155.	1.3	3
95	Gastrointestinal Sensing of Meal-Related Signals in Humans, and Dysregulations in Eating-Related Disorders. <i>Nutrients</i> , 2019, 11, 1298.	1.7	25
96	Impact of bariatric surgery on type 2 diabetes: contribution of inflammation and gut microbiome?. <i>Seminars in Immunopathology</i> , 2019, 41, 461-475.	2.8	27
97	Effects of intraduodenal administration of lauric acid and L-tryptophan, alone and combined, on gut hormones, pyloric pressures, and energy intake in healthy men. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1335-1343.	2.2	11
98	Effect of Oral Ingestion of Low-Molecular Collagen Peptides Derived from Skate (<i>Raja kenoi</i>) Skin on Body Fat in Overweight Adults: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Marine Drugs</i> , 2019, 17, 157.	2.2	17
99	Non-Nutritive Sweeteners and Their Implications on the Development of Metabolic Syndrome. <i>Nutrients</i> , 2019, 11, 644.	1.7	52
100	Taste and the Gastrointestinal tract: from physiology to potential therapeutic target for obesity. <i>International Journal of Obesity Supplements</i> , 2019, 9, 1-9.	12.5	10
102	Secretion of Gut Hormones and Expression of Sweet Taste Receptors and Glucose Transporters in a Rat Model of Obesity. <i>Obesity Facts</i> , 2019, 12, 190-198.	1.6	4
103	Comparison of surgical versus diet-induced weight loss on appetite regulation and metabolic health outcomes. <i>Physiological Reports</i> , 2019, 7, e14048.	0.7	15
104	Intracerebroventricular injection of phoenixin alters feeding behavior and activates nesfatin-1 immunoreactive neurons in rats. <i>Brain Research</i> , 2019, 1715, 188-195.	1.1	25
105	Intestinal Sensing by Gut Microbiota: Targeting Gut Peptides. <i>Frontiers in Endocrinology</i> , 2019, 10, 82.	1.5	66
106	Functional Magnetic Resonance Imaging (fMRI) of Neural Responses to Visual and Auditory Food Stimuli Pre and Post Roux-en-Y Gastric Bypass (RYGB) and Sleeve Gastrectomy (SG). <i>Neuroscience</i> , 2019, 409, 290-298.	1.1	33
107	A Novel Full Sense Device to Treat Obesity in a Porcine Model: Preliminary Results. <i>Obesity Surgery</i> , 2019, 29, 1521-1527.	1.1	14
108	Deletion of leptin receptors in vagal afferent neurons disrupts estrogen signaling, body weight, food intake and hormonal controls of feeding in female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E568-E577.	1.8	12
111	Peptide YY (PYY)., 2019, , 546-554.		0
112	Effects of dietary intake of potatoes on body weight gain, satiety-related hormones, and gut microbiota in healthy rats. <i>RSC Advances</i> , 2019, 9, 33290-33301.	1.7	7

#	ARTICLE	IF	CITATIONS
113	Appetite responses to high-fat diets rich in mono-unsaturated versus poly-unsaturated fats. <i>Appetite</i> , 2019, 134, 172-181.	1.8	19
114	Camostat Mesilate, Pancrelipase, and Rabeprazole Combination Therapy Improves Epigastric Pain in Early Chronic Pancreatitis and Functional Dyspepsia with Pancreatic Enzyme Abnormalities. <i>Digestion</i> , 2019, 99, 283-292.	1.2	35
115	Gastrointestinal hormones and regulation of gastric emptying. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2019, 26, 3-10.	1.2	66
116	Toll-like receptor 4 is necessary for glucose-dependent glucagon-like peptide-1 secretion in male mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 510, 104-109.	1.0	5
117	Separate and Combined Glucometabolic Effects of Endogenous Glucose-Dependent Insulinotropic Polypeptide and Glucagon-like Peptide 1 in Healthy Individuals. <i>Diabetes</i> , 2019, 68, 906-917.	0.3	118
118	The role of gut hormones in obesity. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019, 4, 4-13.	0.6	11
119	Pectin gelling in acidic gastric condition increases rheological properties of gastric digesta and reduces glycaemic response in mice. <i>Carbohydrate Polymers</i> , 2019, 205, 456-464.	5.1	19
120	Sensory, gastric, and enteroendocrine effects of carbohydrates, fat, and protein on appetite. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019, 4, 14-20.	0.6	4
121	Gastrointestinal Hormones and Their Regulation of Food Intake. , 2019, , 398-405.		2
122	Gastrointestinal motility, gut hormone secretion, and energy intake after oral loads of free fatty acid or triglyceride in older and middle-aged men. <i>Appetite</i> , 2019, 132, 18-24.	1.8	3
123	RYGB and flavor-consequence learning. <i>Appetite</i> , 2020, 146, 104467.	1.8	6
124	Incretins in obesity and diabetes. <i>Annals of the New York Academy of Sciences</i> , 2020, 1461, 104-126.	1.8	57
125	Evaluation of probiotics for improving and regulation metabolism relevant to type 2 diabetes in vitro. <i>Journal of Functional Foods</i> , 2020, 64, 103664.	1.6	16
126	Introduction to the special issue "Bariatric Surgery and Appetite". <i>Appetite</i> , 2020, 146, 104515.	1.8	1
127	Intestinal Hormones. , 2020, , 361-381.		0
128	Role of endogenous glucagon-like peptide-1 enhanced by vildagliptin in the glycaemic and energy expenditure responses to intraduodenal fat infusion in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 383-392.	2.2	10
129	The molecular basis for current targets of NASH therapies. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 151-161.	1.9	15
130	Increasing oat β -glucan viscosity in a breakfast meal slows gastric emptying and reduces glycemic and insulinemic responses but has no effect on appetite, food intake, or plasma ghrelin and PYY responses in healthy humans: a randomized, placebo-controlled, crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 319-328.	2.2	50

#	ARTICLE	IF	CITATIONS
131	Intragastric administration of the bitter tastant quinine lowers the glycemic response to a nutrient drink without slowing gastric emptying in healthy men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R263-R273.	0.9	20
132	Disparities in gastric emptying and postprandial glycaemia between Han Chinese and Caucasians with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2020, 159, 107951.	1.1	11
133	Butyrate generated by gut microbiota and its therapeutic role in metabolic syndrome. <i>Pharmacological Research</i> , 2020, 160, 105174.	3.1	57
134	Involvement of Gut Microbiota, Microbial Metabolites and Interaction with Polyphenol in Host Immunometabolism. <i>Nutrients</i> , 2020, 12, 3054.	1.7	68
135	Dietary macronutrient regulation of acyl and desacyl ghrelin concentrations in children with Prader-Willi syndrome (PWS). <i>Clinical Endocrinology</i> , 2020, 93, 579-589.	1.2	2
136	Impact of dose-escalation schemes and drug discontinuation on weight loss outcomes with liraglutide 3.0mg: A model-based approach. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 969-977.	2.2	5
137	Mammalian metabolism of erythritol: a predictive biomarker of metabolic dysfunction. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 296-301.	1.3	15
138	Roux-en-Y gastric bypass surgery changes fungal and bacterial microbiota in morbidly obese patients: A pilot study. <i>PLoS ONE</i> , 2020, 15, e0236936.	1.1	23
139	Introduction to the special issue "bariatric surgery and appetite". <i>Appetite</i> , 2020, 155, 104810.	1.8	0
140	Dose Frequency Optimization of the Dual Amylin and Calcitonin Receptor Agonist KBP-088: Long-Lasting Improvement in Food Preference and Body Weight Loss. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 269-278.	1.3	13
141	Glucagon-Like Peptide-1 (GLP-1) in the Integration of Neural and Endocrine Responses to Stress. <i>Nutrients</i> , 2020, 12, 3304.	1.7	21
142	Gastrointestinal In Vitro Digests of Infant Biscuits Formulated with Bovine Milk Proteins Positively Affect In Vitro Differentiation of Human Osteoblast-Like Cells. <i>Foods</i> , 2020, 9, 1510.	1.9	3
143	<p>The Mechanism of Traditional Chinese Medicine for the Treatment of Obesity</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3371-3381.	1.1	14
144	Stimulation of Gastric Transit Function Driven by Hydrolyzed Casein Increases Small Intestinal Carbohydrate Availability and Its Microbial Metabolism. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000250.	1.5	11
145	Enteroendocrine Hormone Secretion and Metabolic Control: Importance of the Region of the Gut Stimulation. <i>Pharmaceutics</i> , 2020, 12, 790.	2.0	23
146	Incretin Hormones and Type 2 Diabetes: Mechanistic Insights and Therapeutic Approaches. <i>Biology</i> , 2020, 9, 473.	1.3	35
147	Baseline Presence of NAFLD Predicts Weight Loss after Gastric Bypass Surgery for Morbid Obesity. <i>Journal of Clinical Medicine</i> , 2020, 9, 3430.	1.0	14
148	The microbiota-gut-brain axis: Focus on the fundamental communication pathways. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 176, 43-110.	0.9	35

#	ARTICLE	IF	CITATIONS
149	Gut Mucosal Gene Expression and Metabolic Changes After Roux-Y Gastric Bypass Surgery. <i>Obesity</i> , 2020, 28, 2163-2174.	1.5	7
150	Diet-induced obesity enhances postprandial glucagon-like peptide-1 secretion in Wistar rats, but not in diabetic Goto-Kakizaki rats. <i>British Journal of Nutrition</i> , 2021, 126, 518-530.	1.2	5
151	Acute assessment of subjective appetite and implicated hormones after a hypnosis-induced hallucinated meal: a randomized cross-over pilot trial. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 411-420.	2.6	2
152	Understanding the interplay between food structure, intestinal bacterial fermentation and appetite control. <i>Proceedings of the Nutrition Society</i> , 2020, 79, 514-530.	0.4	22
153	Caloric restriction in heart failure: A systematic review. <i>Clinical Nutrition ESPEN</i> , 2020, 38, 50-60.	0.5	4
154	Effects of L-Phenylalanine on Energy Intake and Glycaemia—Impacts on Appetite Perceptions, Gastrointestinal Hormones and Gastric Emptying in Healthy Males. <i>Nutrients</i> , 2020, 12, 1788.	1.7	6
155	The obesity paradox: does it exist in the perioperative period?. <i>International Anesthesiology Clinics</i> , 2020, 58, 14-20.	0.3	0
156	Intense Sweeteners, Taste Receptors and the Gut Microbiome: A Metabolic Health Perspective. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4094.	1.2	23
157	Tryptophan Metabolites Along the Microbiota-Gut-Brain Axis: An Interkingdom Communication System Influencing the Gut in Health and Disease. <i>International Journal of Tryptophan Research</i> , 2020, 13, 117864692092898.	1.0	111
158	The Effect of Potato Protease Inhibitor II on Gastrointestinal Hormones and Satiety in Humans During Weight Reduction. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 521-534.	1.1	4
159	Gut and Metabolic Hormones Changes After Endoscopic Sleeve Gastroplasty (ESG) Vs. Laparoscopic Sleeve Gastrectomy (LSG). <i>Obesity Surgery</i> , 2020, 30, 2642-2651.	1.1	44
160	Obesity Affects the Microbiota-Gut-Brain Axis and the Regulation Thereof by Endocannabinoids and Related Mediators. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1554.	1.8	60
161	HIDA and Seek: Challenges of Scintigraphy to Diagnose Bile Reflux Post-Bariatric Surgery. <i>Obesity Surgery</i> , 2020, 30, 2038-2045.	1.1	4
162	Curbing Obesity from One Generation to Another: the Effects of Bariatric Surgery on the In Utero Environment and Beyond. <i>Reproductive Sciences</i> , 2020, 27, 1821-1833.	1.1	5
163	Short Bowel Syndrome: A Paradigm for Intestinal Adaptation to Nutrition?. <i>Annual Review of Nutrition</i> , 2020, 40, 299-321.	4.3	20
164	The Implication of Gut Hormones in the Regulation of Energy Homeostasis and Their Role in the Pathophysiology of Obesity. <i>Current Obesity Reports</i> , 2020, 9, 255-271.	3.5	39
165	Effects of GLP-1 and Its Analogs on Gastric Physiology in Diabetes Mellitus and Obesity. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1307, 171-192.	0.8	64
166	Preliminary evidence that endoscopic gastroplication reduces food reward. <i>Appetite</i> , 2020, 150, 104632.	1.8	1

#	ARTICLE	IF	CITATIONS
167	When Rhythms Meet the Blues: Circadian Interactions with the Microbiota-Gut-Brain Axis. <i>Cell Metabolism</i> , 2020, 31, 448-471.	7.2	101
168	Therapeutic Landscape for NAFLD in 2020. <i>Gastroenterology</i> , 2020, 158, 1984-1998.e3.	0.6	136
169	Effect of wheat bran derived prebiotic supplementation on gastrointestinal transit, gut microbiota, and metabolic health: a randomized controlled trial in healthy adults with a slow gut transit. <i>Gut Microbes</i> , 2020, 12, 1704141.	4.3	46
170	Pathophysiology, Aetiology and Treatment of Gastroparesis. <i>Digestive Diseases and Sciences</i> , 2020, 65, 1615-1631.	1.1	19
171	We are what we (think we) eat: The effect of expected satiety on subsequent calorie consumption. <i>Appetite</i> , 2020, 152, 104717.	1.8	4
172	Interleukin-27 decreases ghrelin production through signal transducer and activator of transcription 3 mechanismic target of rapamycin signaling. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 837-849.	5.7	5
173	Effects of Age on Acute Appetite-Related Responses to Whey-Protein Drinks, Including Energy Intake, Gastric Emptying, Blood Glucose, and Plasma Gut Hormone Concentrations—A Randomized Controlled Trial. <i>Nutrients</i> , 2020, 12, 1008.	1.7	13
174	The altered enteroendocrine repertoire following roux-en-Y-gastric bypass as an effector of weight loss and improved glycaemic control. <i>Appetite</i> , 2021, 156, 104807.	1.8	20
175	Effects of sunset yellow on proliferation and differentiation of intestinal epithelial cells in murine intestinal organoids. <i>Journal of Applied Toxicology</i> , 2021, 41, 953-963.	1.4	7
176	Differential effects of L- and D-phenylalanine on pancreatic and gastrointestinal hormone release in humans: A randomized crossover study. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 147-157.	2.2	12
177	Fermented milk retains beneficial effects on skeletal muscle protein anabolism after processing by centrifugation and supernatant removal. <i>Journal of Dairy Science</i> , 2021, 104, 1336-1350.	1.4	3
178	Cancer prevention through weight control—where are we in 2020?. <i>British Journal of Cancer</i> , 2021, 124, 1049-1056.	2.9	12
179	Functions of Interoception: From Energy Regulation to Experience of the Self. <i>Trends in Neurosciences</i> , 2021, 44, 29-38.	4.2	124
180	Gut—adipose tissue crosstalk: A bridge to novel therapeutic targets in metabolic syndrome?. <i>Obesity Reviews</i> , 2021, 22, e13130.	3.1	7
181	The Physiology and Pharmacology of Diabetic Gastropathy Management. , 2021, , .		1
182	A short-term food intake model involving glucose, insulin and ghrelin. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2021, , .	0.5	1
183	Review on the Role of Ghrelin in Glucose Metabolism and Diabetes Mellitus. <i>Advances in Clinical Medicine</i> , 2021, 11, 1147-1153.	0.0	0
184	The gut—brain axis in vertebrates: implications for food intake regulation. <i>Journal of Experimental Biology</i> , 2021, 224, , .	0.8	19

#	ARTICLE	IF	CITATIONS
185	Adolescent Obesity. , 2021, , .		0
186	Gut sensing of dietary amino acids, peptides and proteins, and feed-intake regulation in pigs. <i>Animal Production Science</i> , 2022, 62, 1147-1159.	0.6	7
187	Gut Hormones in Health and Obesity: The Upcoming Role of Short Chain Fatty Acids. <i>Nutrients</i> , 2021, 13, 481.	1.7	39
188	Advances and prospects in the food applications of pectin hydrogels. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 4393-4417.	5.4	62
189	Macronutrient Sensing in the Oral Cavity and Gastrointestinal Tract: Alimentary Tastes. <i>Nutrients</i> , 2021, 13, 667.	1.7	19
190	New Insights into Stroke Prevention and Treatment: Gut Microbiome. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 455-472.	1.7	15
191	Safety of a Novel Weight Loss Combination Product Containing Orlistat and Acarbose. <i>Clinical Pharmacology in Drug Development</i> , 2021, 10, 1242-1247.	0.8	7
192	The feeding microstructure of male and female mice. <i>PLoS ONE</i> , 2021, 16, e0246569.	1.1	17
193	Comparative Effects of Intra-gastric and Intraduodenal Administration of Quinine on the Plasma Glucose Response to a Mixed-Nutrient Drink in Healthy Men: Relations with Glucoregulatory Hormones and Gastric Emptying. <i>Journal of Nutrition</i> , 2021, 151, 1453-1461.	1.3	11
194	Is duodeno-jejunal bypass liner superior to pylorus preserving bariatric surgery in terms of complications and efficacy?. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 1363-1377.	0.8	1
195	Prevention and treatment of nutritional complications after bariatric surgery. <i>The Lancet Gastroenterology and Hepatology</i> , 2021, 6, 238-251.	3.7	40
196	Nutrients handling after bariatric surgery, the role of gastrointestinal adaptation. <i>Eating and Weight Disorders</i> , 2022, 27, 449-461.	1.2	17
197	Factors Related to Weight Loss Maintenance in the Medium-Long Term after Bariatric Surgery: A Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 1739.	1.0	28
198	Endocannabinoids and the Gut-Brain Control of Food Intake and Obesity. <i>Nutrients</i> , 2021, 13, 1214.	1.7	29
199	High-Fat Foods and FODMAPs Containing Gluten Foods Primarily Contribute to Symptoms of Irritable Bowel Syndrome in Korean Adults. <i>Nutrients</i> , 2021, 13, 1308.	1.7	13
201	Effects of Bitter Substances on GI Function, Energy Intake and Glycaemia-Do Preclinical Findings Translate to Outcomes in Humans?. <i>Nutrients</i> , 2021, 13, 1317.	1.7	8
202	Heated Corn Oil and 2,4-Decadienal Suppress Gastric Emptying and Energy Intake in Humans. <i>Nutrients</i> , 2021, 13, 1304.	1.7	0
203	Understanding the appetite modulation pathways: The role of the FFA1 and FFA4 receptors. <i>Biochemical Pharmacology</i> , 2021, 186, 114503.	2.0	5

#	ARTICLE	IF	CITATIONS
204	Role of enteroendocrine hormones in appetite and glycemia. <i>Obesity Medicine</i> , 2021, 23, 100332.	0.5	7
205	Role of cholecystokinin and oxytocin in slower gastric emptying induced by physical exercise in rats. <i>Physiology and Behavior</i> , 2021, 233, 113355.	1.0	3
206	Manipulation of fatty acid composition in a high-fat meal does not result in differential alterations in appetite or food intake in normal weight females: A single-blind randomized crossover study. <i>Appetite</i> , 2021, 160, 105085.	1.8	3
207	Post-oral fat-induced satiation is mediated by endogenous CCK and GLP-1 in a fat self-administration mouse model. <i>Physiology and Behavior</i> , 2021, 234, 113315.	1.0	4
208	Chemotherapeutics-Induced Intestinal Mucositis: Pathophysiology and Potential Treatment Strategies. <i>Frontiers in Pharmacology</i> , 2021, 12, 681417.	1.6	57
209	Vagotomy increases alcohol intake in female rats in diet dependent manner: Implications for increased alcohol use disorder after roux-en-y gastric bypass surgery. <i>Physiology and Behavior</i> , 2021, 235, 113309.	1.0	7
210	Blood Sampling From Rat Ileal Mesenteric Vein Revealed a Major Role of Dietary Protein in Meal-Induced GLP-1 Response. <i>Frontiers in Endocrinology</i> , 2021, 12, 689685.	1.5	3
211	Gastrointestinal Distension by Pectin-Containing Carbonated Solution Suppresses Food Intake and Enhances Glucose Tolerance via GLP-1 Secretion and Vagal Afferent Activation. <i>Frontiers in Endocrinology</i> , 2021, 12, 676869.	1.5	10
212	Regulation of Appetite and Satiety by Gastrointestinal Peptides. <i>Iraqi Journal of Pharmaceutical Sciences</i> , 2021, 30, 14-21.	0.1	0
214	Obesity-related gut hormones and cancer: novel insight into the pathophysiology. <i>International Journal of Obesity</i> , 2021, 45, 1886-1898.	1.6	8
215	Cardiometabolic impacts of saturated fatty acids: are they all comparable?. <i>International Journal of Food Sciences and Nutrition</i> , 2022, 73, 1-14.	1.3	12
216	Are the Changes in Gastrointestinal Hormone Secretion Necessary for the Success of Bariatric Surgery? A Critical Review of the Literature. <i>Obesity Surgery</i> , 2021, 31, 4575-4584.	1.1	9
217	Age-Related Cognitive Decline May Be Moderated by Frequency of Specific Food Products Consumption. <i>Nutrients</i> , 2021, 13, 2504.	1.7	4
218	Gut-brain communication by distinct sensory neurons differently controls feeding and glucose metabolism. <i>Cell Metabolism</i> , 2021, 33, 1466-1482.e7.	7.2	79
219	Brain GLP-1 and the regulation of food intake: GLP-1 action in the brain and its implications for GLP-1 receptor agonists in obesity treatment. <i>British Journal of Pharmacology</i> , 2022, 179, 557-570.	2.7	46
220	Microstructural changes in human ingestive behavior after Roux-en-Y gastric bypass during liquid meals. <i>JCI Insight</i> , 2021, 6, .	2.3	6
221	A primer on obesity-related cardiomyopathy. <i>Physiological Reviews</i> , 2022, 102, 1-6.	13.1	9
222	Nicotine and energy balance: A review examining the effect of nicotine on hormonal appetite regulation and energy expenditure. <i>Appetite</i> , 2021, 164, 105260.	1.8	20

#	ARTICLE	IF	CITATIONS
223	PERK in POMC neurons connects celestrol with metabolism. JCI Insight, 2021, 6, .	2.3	10
224	Homeostatic regulation of food intake. Clinics and Research in Hepatology and Gastroenterology, 2022, 46, 101794.	0.7	19
225	The physiological control of eating: signals, neurons, and networks. Physiological Reviews, 2022, 102, 689-813.	13.1	60
226	Temporal discounting as a candidate behavioral marker of obesity. Neuroscience and Biobehavioral Reviews, 2021, 129, 307-329.	2.9	25
227	Influence of olive oil on pancreatic, biliary, and gastric secretion: role of gastrointestinal peptides. , 2021, , 557-568.		0
228	Altered acylated ghrelin response to food intake in congenital generalized lipodystrophy. PLoS ONE, 2021, 16, e0244667.	1.1	3
229	The interplay between host cellular and gut microbial metabolism in NAFLD development and prevention. Journal of Applied Microbiology, 2021, 131, 564-582.	1.4	3
230	The Neuroendocrinology of Anorexia Nervosa and Bulimia Nervosa. , 2020, , 1259-1280.		1
231	Contributing of Cognitive-Behavioral Therapy in the Context of Bariatric Surgery: a Review of the Literature. Obesity Surgery, 2020, 30, 3154-3166.	1.1	16
232	Effects of Bariatric Surgery on Energy Homeostasis. Canadian Journal of Diabetes, 2017, 41, 426-431.	0.4	11
233	Surgery for Diabetes: Clinical and Mechanistic Aspects. Canadian Journal of Diabetes, 2017, 41, 392-400.	0.4	7
234	Reduced Neural Satiety Responses in Women Affected by Obesity. Neuroscience, 2020, 447, 94-112.	1.1	11
235	Cognitive dysfunction is a risk factor for overeating and obesity.. American Psychologist, 2020, 75, 219-234.	3.8	31
236	Gastric motor dysfunction coincides with the onset of obesity in rats fed with high-fat diet. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 553-562.	0.9	4
237	Glycemic effect of pancreatic preproglucagon in mouse sleeve gastrectomy. JCI Insight, 2019, 4, .	2.3	23
238	Gglucagon-like peptide-1 analogue liraglutide (Saxenda®): mechanism of action, efficacy for the treatment of obesity. Obesity and Metabolism, 2018, 15, 3-11.	0.4	7
240	New therapeutic options for bile acid malabsorption diarrhea. Annals of Translational Medicine, 2019, 7, 695-695.	0.7	4
241	The Role of Neuropeptide Y and Peptide YY in the Development of Obesity via Gut-brain Axis. Current Protein and Peptide Science, 2019, 20, 750-758.	0.7	49

#	ARTICLE	IF	CITATIONS
242	Predictors Linking Obesity and the Gut Microbiome (the PROMISE Study): Protocol and Recruitment Strategy for a Cross-Sectional Study on Pathways That Affect the Gut Microbiome and Its Impact on Obesity. <i>JMIR Research Protocols</i> , 2019, 8, e14529.	0.5	9
243	Cannabinoid CB1 Receptors in the Intestinal Epithelium Are Required for Acute Western-Diet Preferences in Mice. <i>Nutrients</i> , 2020, 12, 2874.	1.7	17
244	Gastrointestinal Motility Disorders in Obesity. <i>Acta Endocrinologica</i> , 2019, 15, 497-504.	0.1	15
245	Calcium-sensing receptor (CaSR) agonist R568 inhibits small intestinal motility of mice through neural and non-neural mechanisms. <i>Food and Function</i> , 2021, 12, 11926-11937.	2.1	4
246	<i>Akkermansia muciniphila</i> : is it the Holy Grail for ameliorating metabolic diseases?. <i>Gut Microbes</i> , 2021, 13, 1984104.	4.3	44
247	Review of Changes in the Reinforcing Effects of Alcohol in Weight Loss Surgery Patients. <i>Current Psychiatry Reports</i> , 2021, 23, 69.	2.1	2
248	Appetite and Satiety Control—Contribution of Gut Mechanisms. <i>Nutrients</i> , 2021, 13, 3635.	1.7	2
249	Novel Noninvasive Approaches to the Treatment of Obesity: From Pharmacotherapy to Gene Therapy. <i>Endocrine Reviews</i> , 2022, 43, 507-557.	8.9	39
250	Egg Consumption for Appetite Control and Body Weight Regulation. <i>Food Chemistry, Function and Analysis</i> , 2019, , 40-59.	0.1	1
252	Physiological Mechanisms of Bariatric Procedures. , 2020, , 61-76.		0
253	The effect of Roux-en-Y gastric bypass in the treatment of hypertension and diabetes. <i>Revista Do Colegio Brasileiro De Cirurgioes</i> , 2020, 47, e20202655.	0.3	1
254	Phenotypes of obesity in children, clinical manifestations and genetic associations. <i>Zdorovĕ Rebenka</i> , 2020, 15, 238-251.	0.0	2
255	Meal Patterns and Food Choices of Female Rats Fed a Cafeteria-Style Diet Are Altered by Gastric Bypass Surgery. <i>Nutrients</i> , 2021, 13, 3856.	1.7	7
256	Effect of Bariatric Surgery on Metabolic Diseases and Underlying Mechanisms. <i>Biomolecules</i> , 2021, 11, 1582.	1.8	22
257	Ghrelin as a prominent endocrine factor in stress-induced obesity. <i>Nutritional Neuroscience</i> , 2022, 25, 1413-1424.	1.5	7
258	The Neuroendocrinology of Anorexia Nervosa and Bulimia Nervosa. , 2020, , 1-22.		0
259	The acute effect of fasted exercise on energy intake, energy expenditure, subjective hunger and gastrointestinal hormone release compared to fed exercise in healthy individuals: a systematic review and network meta-analysis. <i>International Journal of Obesity</i> , 2022, 46, 255-268.	1.6	8
260	Gut Microbiota Regulation and Their Implication in the Development of Neurodegenerative Disease. <i>Microorganisms</i> , 2021, 9, 2281.	1.6	22

#	ARTICLE	IF	CITATIONS
261	Development of innovative tools for investigation of nutrient-gut interaction. <i>World Journal of Gastroenterology</i> , 2020, 26, 3562-3576.	1.4	8
262	An Erythritol-Sweetened Beverage Induces Satiety and Suppresses Ghrelin Compared to Aspartame in Healthy Non-Obese Subjects: A Pilot Study. <i>Cureus</i> , 2020, 12, e11409.	0.2	2
263	<i>Pleurotus eryngii</i> improves postprandial glycaemia, hunger and fullness perception, and enhances ghrelin suppression in people with metabolically unhealthy obesity. <i>Pharmacological Research</i> , 2022, 175, 105979.	3.1	18
264	Resistant starch wheat increases PYY and decreases GIP but has no effect on self-reported perceptions of satiety. <i>Appetite</i> , 2022, 168, 105802.	1.8	10
265	Glycaemic and Appetite Suppression Effect of a Vegetable-Enriched Bread. <i>Nutrients</i> , 2021, 13, 4277.	1.7	3
266	Putting Together Pieces of the Lateral Septum: Multifaceted Functions and Its Neural Pathways. <i>ENeuro</i> , 2021, 8, ENEURO.0315-21.2021.	0.9	40
267	Intestinal Gpr17 deficiency improves glucose metabolism by promoting GLP-1 secretion. <i>Cell Reports</i> , 2022, 38, 110179.	2.9	5
268	Oral lactate slows gastric emptying and suppresses appetite in young males. <i>Clinical Nutrition</i> , 2022, 41, 517-525.	2.3	10
269	Postprandial glycine as a biomarker of satiety: A dose-rising randomised control trial of whey protein in overweight women. <i>Appetite</i> , 2022, 169, 105871.	1.8	7
270	Oromotor and somatic taste reactivity during sucrose meals reveals internal state and stimulus palatability after gastric bypass in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 322, R204-R218.	0.9	0
271	Liraglutide + PYY3-36 Combination Therapy Mimics Effects of Roux-en-Y Bypass on Early NAFLD Whilst Lacking-Behind in Metabolic Improvements. <i>Journal of Clinical Medicine</i> , 2022, 11, 753.	1.0	4
272	An extract of hops (<i>Humulus lupulus</i> L.) modulates gut peptide hormone secretion and reduces energy intake in healthy-weight men: a randomized, crossover clinical trial. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 925-940.	2.2	5
273	Bypassing Different Parts of the Small Intestine Determines Different Metabolic Effects in Streptozotocin-Induced Diabetic Rats. <i>Obesity Surgery</i> , 2022, 32, 671.	1.1	0
274	Metabolic Syndrome: Updates on Pathophysiology and Management in 2021. <i>International Journal of Molecular Sciences</i> , 2022, 23, 786.	1.8	379
275	The Role of D-allulose and Erythritol on the Activity of the Gut Sweet Taste Receptor and Gastrointestinal Satiety Hormone Release in Humans: A Randomized, Controlled Trial. <i>Journal of Nutrition</i> , 2022, 152, 1228-1238.	1.3	8
276	Role of Butyrate, a Gut Microbiota Derived Metabolite, in Cardiovascular Diseases: A comprehensive narrative review. <i>Frontiers in Pharmacology</i> , 2021, 12, 837509.	1.6	36
277	Effects of intraduodenal infusion of lauric acid and L-tryptophan, alone and combined, on glucoregulatory hormones, gastric emptying and glycaemia in healthy men. <i>Metabolism: Clinical and Experimental</i> , 2022, 129, 155140.	1.5	3
278	Differences in gastrointestinal hormones and appetite ratings among obesity classes. <i>Appetite</i> , 2022, 171, 105940.	1.8	11

#	ARTICLE	IF	CITATIONS
279	Crosstalk between adipose tissue and the microbiota-gut-brain axis in metabolic diseases. <i>International Journal of Biological Sciences</i> , 2022, 18, 1706-1723.	2.6	5
280	The model of litter size reduction induces long-term disruption of the gut-brain axis: An explanation for the hyperphagia of Wistar rats of both sexes. <i>Physiological Reports</i> , 2022, 10, e15191.	0.7	5
281	The Effects of Roux-en-Y Gastric Bypass on Glucose- vs. Fructose-Associated Conditioned Flavor Preference. <i>Physiology and Behavior</i> , 2022, 248, 113730.	1.0	1
282	Satiety Associated with Calorie Restriction and Time-Restricted Feeding: Peripheral Hormones. <i>Advances in Nutrition</i> , 2022, 13, 792-820.	2.9	13
283	Is the Use of Glyphosate in Modern Agriculture Resulting in Increased Neuropsychiatric Conditions Through Modulation of the Gut-brain-microbiome Axis?. <i>Frontiers in Nutrition</i> , 2022, 9, 827384.	1.6	10
284	GLP1 Exerts Paracrine Activity in the Intestinal Lumen of Human Colon. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3523.	1.8	1
285	The Hidden One: What We Know About Bitter Taste Receptor 39. <i>Frontiers in Endocrinology</i> , 2022, 13, 854718.	1.5	9
286	Neurohormonal Changes in the Gut-Brain Axis and Underlying Neuroendocrine Mechanisms following Bariatric Surgery. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3339.	1.8	21
287	The Association between Peptide Hormones with Obesity and Insulin Resistance Markers in Lean and Obese Individuals in the United Arab Emirates. <i>Nutrients</i> , 2022, 14, 1271.	1.7	4
288	Integrative Hedonic and Homeostatic Food Intake Regulation by the Central Nervous System: Insights from Neuroimaging. <i>Brain Sciences</i> , 2022, 12, 431.	1.1	17
289	Quinine Effects on Gut and Pancreatic Hormones and Antropyloroduodenal Pressures in Humans-Role of Delivery Site and Sex. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2870-e2881.	1.8	4
290	Intragastric injection of botulinum toxin A for weight loss: A systematic review and meta-analysis of randomized controlled trials. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2022, 37, 983-992.	1.4	10
291	Brainstem peptides and peptidergic neurons in the regulation of appetite. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022, 24, 100339.	0.6	2
292	Systematic Review and Meta-Analysis of the Effect of Augmenting Bariatric Surgery with Vagotomy. <i>Bariatric Surgical Patient Care</i> , 0, , .	0.1	0
293	The Enteroendocrine System in Obesity. <i>Handbook of Experimental Pharmacology</i> , 2022, , 109-129.	0.9	6
294	Early Postoperative Exposure to High-Fat Diet Does Not Increase Long-Term Weight Loss or Fat Avoidance After Roux-en-Y Gastric Bypass in Rats. <i>Frontiers in Nutrition</i> , 2022, 9, 834854.	1.6	2
295	Appetite Changes in Weight Regain and Weight Maintenance After Roux-en-Y Gastric Bypass. <i>Obesity Surgery</i> , 2022, 32, 1-12.	1.1	1
296	A Starch- and Sucrose-Reduced Diet in Irritable Bowel Syndrome Leads to Lower Circulating Levels of PAI-1 and Visfatin: A Randomized Controlled Study. <i>Nutrients</i> , 2022, 14, 1688.	1.7	3

#	ARTICLE	IF	CITATIONS
304	Protective effect of cannabinoids on gastric mucosal lesions induced by water immersion restraint stress in rats.. Iranian Journal of Basic Medical Sciences, 2021, 24, 1182-1189.	1.0	1
305	Comparative evaluation of different types of bariatric surgery. Journal of Education, Health and Sport, 2022, 12, 186-192.	0.0	1
306	Vertical sleeve gastrectomy induces enteroendocrine cell differentiation of intestinal stem cells through bile acid signaling. JCI Insight, 2022, 7, .	2.3	4
308	Evolution of the diagnostic value of "the sugar of the blood" hitting the sweet spot to identify alterations in glucose dynamics. Physiological Reviews, 2023, 103, 7-30.	13.1	2
310	Non-Alcoholic Fatty Liver Disease (NAFLD) Is an Independent Risk Factor for Developing New-Onset Diabetes After Acute Pancreatitis: A Multicenter Retrospective Cohort Study in Chinese Population. Frontiers in Endocrinology, 2022, 13, .	1.5	6
311	Chrelin, glucagon-like peptide-1, and peptide YY secretion in patients with and without weight regain during long-term follow-up after bariatric surgery: a cross-sectional study. Przegląd Menopauzalny, 2022, 21, 97-105.	0.6	4
312	Nutritional strategies to attenuate postprandial glycemic response. Obesity Reviews, 2022, 23, .	3.1	7
313	High-fat-diet-induced gut microbiome changes in mice. Stress and Brain, 2022, 2, 17-30.	0.3	7
314	Molecular composition of lipid and protein fraction of almond, beef and lesser mealworm after in vitro simulated gastrointestinal digestion and correlation with the hormone-stimulating properties of the digesta. Food Research International, 2022, 158, 111499.	2.9	8
315	Gut peptide changes in patients with obstructive jaundice undergoing biliary drainage: A prospective case control study. World Journal of Clinical Cases, 2022, 10, 5551-5565.	0.3	2
316	Editorial: Type 2 diabetes therapeutics: weight loss and other strategies. Current Opinion in Clinical Nutrition and Metabolic Care, 2022, 25, 256-259.	1.3	2
317	Simulating human gastrointestinal motility in dynamic in vitro models. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 3804-3833.	5.9	21
318	Akkermansia muciniphila, an important link between dietary fiber and host health. Current Opinion in Food Science, 2022, 47, 100905.	4.1	6
319	The molecular signaling of exercise and obesity in the microbiota-gut-brain axis. Frontiers in Endocrinology, 0, 13, .	1.5	5
320	Role of Ion Channels in the Chemotransduction and Mechanotransduction in Digestive Function and Feeding Behavior. International Journal of Molecular Sciences, 2022, 23, 9358.	1.8	5
322	Riboflavin Supplementation Promotes Butyrate Production in the Absence of Gross Compositional Changes in the Gut Microbiota. Antioxidants and Redox Signaling, 0, , .	2.5	4
323	Bile acids, gut microbiota and metabolic surgery. Frontiers in Endocrinology, 0, 13, .	1.5	11
324	Changes in plasma ghrelin levels following surgical and non-surgical weight-loss in female rats predict alcohol use. Brain Research Bulletin, 2022, 188, 179-186.	1.4	5

#	ARTICLE	IF	CITATIONS
325	Secretion and Impact of Gut Hormones in Obesity and Diabetes. , 2022, , .		0
326	Differential effects of a cafeteria diet and GSPE preventive treatments on the enterohormone secretions of aged <i>vs.</i> young female rats. Food and Function, 2022, 13, 10491-10500.	2.1	2
327	Linear and circular stapled gastrojejunal anastomoses in <scp>Roux-en-Y</scp> gastric bypass: stomal diameter at onset and at long-term follow-up. ANZ Journal of Surgery, 2022, 92, 2896-2900.	0.3	2
328	The potential role of lactulose pharmacotherapy in the treatment and prevention of diabetes. Frontiers in Endocrinology, 0, 13, .	1.5	6
329	Differential effects of RYGB surgery and best medical treatment for obesity-diabetes on intestinal and islet adaptations in obese-diabetic ZSD rats. PLoS ONE, 2022, 17, e0274788.	1.1	5
330	Oral Erythritol Reduces Energy Intake during a Subsequent ad libitum Test Meal: A Randomized, Controlled, Crossover Trial in Healthy Humans. Nutrients, 2022, 14, 3918.	1.7	3
331	Mucosal and hormonal adaptations after Roux-en-Y gastric bypass. Surgery for Obesity and Related Diseases, 2023, 19, 37-49.	1.0	2
332	The effect of gastrointestinal bitter sensing on appetite regulation and energy intake: A systematic review. Appetite, 2023, 180, 106336.	1.8	1
333	Holistic approach to effects of foods, human physiology, and psychology on food intake and appetite (satiation & satiety). Critical Reviews in Food Science and Nutrition, 0, , 1-11.	5.4	2
334	Molecular Mechanisms and Health Benefits of Ghrelin: A Narrative Review. Nutrients, 2022, 14, 4191.	1.7	13
335	The Effect of Smoking Cessation on Body Weight and Other Metabolic Parameters with Focus on People with Type 2 Diabetes Mellitus. International Journal of Environmental Research and Public Health, 2022, 19, 13222.	1.2	13
336	Acute feeding with almonds compared to a carbohydrate-based snack improves appetite-regulating hormones with no effect on self-reported appetite sensations: a randomised controlled trial. European Journal of Nutrition, 0, , .	1.8	2
337	Macronutrient intake: Hormonal controls, pathological states, and methodological considerations. Appetite, 2023, 180, 106365.	1.8	1
338	Bimatoprost promotes satiety and attenuates body weight gain in rats fed standard or obesity-promoting diets.. Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 187, 102511.	1.0	1
339	Can Leptin/Ghrelin Ratio and Retinol-Binding Protein 4 Predict Improved Insulin Resistance in Patients with Obesity Undergoing Sleeve Gastrectomy?. Obesity Surgery, 2022, 32, 3942-3950.	1.1	4
340	Pancreatic polypeptide revisited: Potential therapeutic effects in obesity-diabetes. Peptides, 2023, 160, 170923.	1.2	8
341	Bioactive compounds from Polygonatum genus as anti-diabetic agents with future perspectives. Food Chemistry, 2023, 408, 135183.	4.2	17
342	Increased Meal Size but Reduced Meal-Stimulated Plasma Cholecystokinin Concentrations in Women With Obesity. Endocrinology, 2022, 164, .	1.4	0

#	ARTICLE	IF	CITATIONS
343	Differences in gastrointestinal hormones and appetite ratings between individuals with and without obesity – A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2023, 24, .	3.1	4
345	Glucocorticoids, stress and eating: The mediating role of appetite-regulating hormones. <i>Obesity Reviews</i> , 2023, 24, .	3.1	14
346	Gene regulating effects of <i>Cymbopogon citratus</i> on glucose metabolism of normal albino rats. <i>International Journal for Biotechnology and Molecular Biology Research</i> , 2022, 12, 31-40.	0.3	0
347	Despite similar clinical features metabolomics reveals distinct signatures in insulin resistant and progressively obese minipigs. <i>Journal of Physiology and Biochemistry</i> , 0, , .	1.3	1
349	Modulatory Effect of Gut Microbiota on the Gut-Brain, Gut-Bone Axes, and the Impact of Cannabinoids. <i>Metabolites</i> , 2022, 12, 1247.	1.3	11
350	Obesity and diabetes: the final frontier. <i>Expert Review of Endocrinology and Metabolism</i> , 2023, 18, 81-94.	1.2	4
351	Effects of the Roux-en-Y gastric bypass on DM and renal function in obese patients. <i>Journal of Advanced Pharmacy Education and Research</i> , 2023, 13, 1-5.	0.2	0
352	Leaky Gut and the Ingredients That Help Treat It: A Review. <i>Molecules</i> , 2023, 28, 619.	1.7	28
353	Enhanced secretion of satiety-promoting gut hormones in healthy humans after consumption of white bread enriched with cellular chickpea flour: A randomized crossover study. <i>American Journal of Clinical Nutrition</i> , 2023, 117, 477-489.	2.2	9
355	Effects of intraduodenal or intragastric administration of a bitter hop extract (<i>Humulus lupulus</i> L.), on upper gut motility, gut hormone secretion and energy intake in healthy-weight men. <i>Appetite</i> , 2023, 184, 106490.	1.8	0
356	Could Naringenin Participate as a Regulator of Obesity and Satiety?. <i>Molecules</i> , 2023, 28, 1450.	1.7	2
357	Interaction between gut microbiota and sex hormones and their relation to sexual dimorphism in metabolic diseases. <i>Biology of Sex Differences</i> , 2023, 14, .	1.8	15
358	Bariatric Surgery: Targeting pancreatic β^2 cells to treat type II diabetes. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	1
359	Levels of hormones regulating appetite and energy homeostasis in response to a 1.5-Year combined lifestyle intervention for obesity. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	0
360	Neonatal overnutrition, but not neonatal undernutrition, disrupts CCK-induced hypophagia and neuron activation of the nucleus of the solitary tract and paraventricular nucleus of hypothalamus of male Wistar rats. <i>Brain Research Bulletin</i> , 2023, 195, 109-119.	1.4	1
361	Nutritional Guidelines Including Hydration Recommendations and Energy Needs for the Female Athlete: Preventing Low Energy Availability and Functional Amenorrhea Through Nutritional Therapy. , 2023, , 339-361.		0
362	Is gastric cancer after bariatric surgery on the rise? Will history repeat itself?. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2023, 35, 11-14.	0.7	0
363	Brain functional and structural magnetic resonance imaging of obesity and weight loss interventions. <i>Molecular Psychiatry</i> , 2023, 28, 1466-1479.	4.1	19

#	ARTICLE	IF	CITATIONS
364	Mechanisms of obesity- and diabetes mellitus-related pancreatic carcinogenesis: a comprehensive and systematic review. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	12
365	Feeding with resistant maltodextrin suppresses excessive calorie intake in a high-fat diet, mediated by changes in mouse gut microbiota composition, appetite-related gut hormone secretion, and neuropeptide transcriptional levels. , 0, 2, .		0
369	Adiponectin, Diabetes, and the Cardiovascular System. <i>Contemporary Cardiology</i> , 2023, , 201-255.	0.0	1
399	Gut liver brain axis in diseases: the implications for therapeutic interventions. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	3