Christine Feinle-Bisset

List of Publications by Year
in descending order

112	6,207	57752	69246
papers	citations	44 h-index	77 g-index

113	113	113	5541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ghrelin, CCK, GLP-1, and PYY(3â€“36): Secretory Controls and Physiological Roles in Eating and Glycemia in Health, Obesity, and After RYGB. Physiological Reviews, 2017, 97, 411-463.	28.8	414
2	Effects of Fat on Gastric Emptying of and the Glycemic, Insulin, and Incretin Responses to a Carbohydrate Meal in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2062-2067.	3.6	286
3	Oral sensitivity to fatty acids, food consumption and BMI in human subjects. British Journal of Nutrition, 2010, 104, 145-152.	2.3	283
4	The Intestinal Microenvironment and Functional Gastrointestinal Disorders. Gastroenterology, 2016, 150, 1305-1318.e8.	1.3	243
5	Functional dyspepsia. Nature Reviews Disease Primers, 2017, 3, 17081.	30.5	226
6	Effects of intraduodenal fatty acids on appetite, antropyloroduodenal motility, and plasma CCK and GLP-1 in humans vary with their chain length. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R524-R533.	1.8	196
7	Effects of Intravenous Glucagon-Like Peptide-1 on Gastric Emptying and Intragastric Distribution in Healthy Subjects: Relationships with Postprandial Glycemic and Insulinemic Responses. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1916-1923.	3.6	172
8	Load-dependent effects of duodenal glucose on glycemia, gastrointestinal hormones, antropyloroduodenal motility, and energy intake in healthy men. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E743-E753.	3.5	169
9	Effects of the phases of the menstrual cycle on gastric emptying, glycemia, plasma GLP-1 and insulin, and energy intake in healthy lean women. American Journal of Physiology - Renal Physiology, 2009, 297, G602-G610.	3.4	163
10	Effects of fat, protein, and carbohydrate and protein load on appetite, plasma cholecystokinin, peptide YY, and ghrelin, and energy intake in lean and obese men. American Journal of Physiology - Renal Physiology, 2012, 303, G129-G140.	3.4	158
11	Energy intake and appetite are related to antral area in healthy young and older subjects. American Journal of Clinical Nutrition, 2004, 80, 656-667.	4.7	157
12	Marked differences in gustatory and gastrointestinal sensitivity to oleic acid between lean and obese men. American Journal of Clinical Nutrition, 2011, 93, 703-711.	4.7	151
13	Modulation by high-fat diets of gastrointestinal function and hormones associated with the regulation of energy intake: implications for the pathophysiology of obesity. American Journal of Clinical Nutrition, 2007, 86, 531-541.	4.7	137
14	Fat digestion is required for suppression of ghrelin and stimulation of peptide YY and pancreatic polypeptide secretion by intraduodenal lipid. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E948-E953.	3.5	133
15	Ageing Is Associated with Decreases in Appetite and Energy Intakeâ€”A Meta-Analysis in Healthy Adults. Nutrients, 2016, 8, 28.	4.1	128
16	Functional Dyspepsia Is Associated With a Greater Symptomatic Response to Fat But Not Carbohydrate, Increased Fasting and Postprandial CCK, and Diminished PYY. American Journal of Gastroenterology, 2008, 103, 2613-2623.	0.4	124
17	Diet, Food Intake, and Disturbed Physiology in the Pathogenesis of Symptoms in Functional Dyspepsia. American Journal of Gastroenterology, 2004, 99, 170-181.	0.4	117
18	The release of GLP-1 and ghrelin, but not GIP and CCK, by glucose is dependent upon the length of small intestine exposed. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E647-E655.	3.5	109

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19	Feed intolerance in critical illness is associated with increased basal and nutrient-stimulated plasma cholecystokinin concentrations*. Critical Care Medicine, 2007, 35, 82-88.	0.9	102
20	Relationship Between Symptoms and Dietary Patterns in Patients With Functional Dyspepsia. Clinical Gastroenterology and Hepatology, 2009, 7, 317-322.	4.4	102
21	Effects of dietary fat on appetite and energy intake in health and obesity â€" Oral and gastrointestinal sensory contributions. Physiology and Behavior, 2011, 104, 613-620.	2.1	97
22	Free Fatty Acids Have More Potent Effects on Gastric Emptying, Gut Hormones, and Appetite Than Triacylglycerides. Gastroenterology, 2007, 133, 1124-1131.	1.3	96
23	Dietary and lifestyle factors in functional dyspepsia. Nature Reviews Gastroenterology and Hepatology, 2013, 10, 150-157.	17.8	94
24	Effects of load, and duration, of duodenal lipid on antropyloroduodenal motility, plasma CCK and PYY, and energy intake in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R668-R677.	1.8	82
25	Effect of fatty acid chain length on suppression of ghrelin and stimulation of PYY, GLP-2 and PP secretion in healthy men. Peptides, 2006, 27, 1638-1643.	2.4	81
26	Fatty acid detection during food consumption and digestion: Associations with ingestive behavior and obesity. Progress in Lipid Research, 2011, 50, 225-233.	11.6	79
27	The droplet size of intraduodenal fat emulsions influences antropyloroduodenal motility, hormone release, and appetite in healthy males. American Journal of Clinical Nutrition, 2009, 89, 1729-1736.	4.7	76
28	Dietary Lipids and Functional Gastrointestinal Disorders. American Journal of Gastroenterology, 2013, 108, 737-747.	0.4	75
29	Effects of intraduodenal lipid and protein on gut motility and hormone release, glycemia, appetite, and energy intake in lean men. American Journal of Clinical Nutrition, 2013, 98, 300-311.	4.7	75
30	Effects of Intraduodenal Infusion of L-Tryptophan on ad Libitum Eating, Antropyloroduodenal Motility, Glycemia, Insulinemia, and Gut Peptide Secretion in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3275-3284.	3.6	72
31	Reproducibility of energy intake, gastric emptying, blood glucose, plasma insulin and cholecystokinin responses in healthy young males. British Journal of Nutrition, 2009, 101, 1094-1102.	2.3	67
32	Intraduodenal protein modulates antropyloroduodenal motility, hormone release, glycemia, appetite, and energy intake in lean men. American Journal of Clinical Nutrition, 2012, 96, 474-482.	4.7	66
33	Load-dependent effects of duodenal lipid on antropyloroduodenal motility, plasma CCK and PYY, and energy intake in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R2170-R2178.	1.8	60
34	Intravenous CCK-8, but not GLP-1, suppresses ghrelin and stimulates PYY release in healthy men. Peptides, 2007, 28, 607-611.	2.4	59
35	Comparative effects of intraduodenal infusions of lauric and oleic acids on antropyloroduodenal motility, plasma cholecystokinin and peptide YY, appetite, and energy intake in healthy men. American Journal of Clinical Nutrition, 2008, 87, 1181-1187.	4.7	58
36	Evaluation of interactions between CCK and GLP-1 in their effects on appetite, energy intake, and antropyloroduodenal motility in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1477-R1485.	1.8	57

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37	Acute load-dependent effects of oral whey protein on gastric emptying, gut hormone release, glycemia, appetite, and energy intake in healthy men. American Journal of Clinical Nutrition, 2015, 102, 1574-1584.	4.7	56
38	The effect of a garlic supplement on the pro-inflammatory adipocytokines, resistin and tumor necrosis factor-alpha, and on pain severity, in overweight or obese women with knee osteoarthritis. Phytomedicine, 2018, 48, 70-75.	5.3	54
39	Lipase inhibition attenuates the acute inhibitory effects of oral fat on food intake in healthy subjects. British Journal of Nutrition, 2003, 90, 849-852.	2.3	51
40	Gastric emptying, mouth-to-cecum transit, and glycemic, insulin, incretin, and energy intake responses to a mixed-nutrient liquid in lean, overweight, and obese males. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E294-E300.	3.5	51
41	Pooled-data analysis identifies pyloric pressures and plasma cholecystokinin concentrations as major determinants of acute energy intake in healthy, lean men. American Journal of Clinical Nutrition, 2010, 92, 61-68.	4.7	48
42	Dose-related effects of lauric acid on antropyloroduodenal motility, gastrointestinal hormone release, appetite, and energy intake in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1090-R1098.	1.8	47
43	Effects of lauric acid on upper gut motility, plasma cholecystokinin and peptide YY, and energy intake are load, but not concentration, dependent in humans. Journal of Physiology, 2007, 581, 767-777.	2.9	47
44	Lesser suppression of energy intake by orally ingested whey protein in healthy older men compared with young controls. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R845-R854.	1.8	46
45	Upper gastrointestinal sensitivity to meal-related signals in adult humans â€“ relevance to appetite regulation and gut symptoms in health, obesity and functional dyspepsia. Physiology and Behavior, 2016, 162, 69-82.	2.1	45
46	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.	3.4	43
47	Effects of intraduodenal infusion of the branched-chain amino acid leucine on ad libitum eating, gut motor and hormone functions, and glycemia in healthy men. American Journal of Clinical Nutrition, 2015, 102, 820-827.	4.7	41
48	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.	3.5	41
49	Comparative effects of intraduodenal whey protein hydrolysate on antropyloroduodenal motility, gut hormones, glycemia, appetite, and energy intake in lean and obese men. American Journal of Clinical Nutrition, 2015, 102, 1323-1331.	4.7	39
50	Gastric sensitivity and reflexes: basic mechanisms underlying clinical problems. Journal of Gastroenterology, 2014, 49, 206-218.	5.1	37
51	Patterns of dietary behaviours identified by latent class analysis are associated with chronic uninvestigated dyspepsia. British Journal of Nutrition, 2015, 113, 803-812.	2.3	37
52	Dose-dependent effects of cholecystokinin-8 on antropyloroduodenal motility, gastrointestinal hormones, appetite, and energy intake in healthy men. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1487-E1494.	3.5	36
53	Effects of starvation and short-term refeeding on gastric emptying and postprandial blood glucose regulation in adolescent girls with anorexia nervosa. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E565-E573.	3.5	33
54	Effects of varying combinations of intraduodenal lipid and carbohydrate on antropyloroduodenal motility, hormone release, and appetite in healthy males. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R912-R920.	1.8	31

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55	Appetite Perceptions, Gastrointestinal Symptoms, Ghrelin, Peptide YY and State Anxiety are Disturbed in Adolescent Females with Anorexia Nervosa and Only Partially Restored with Short-Term Refeeding. Nutrients, 2019, 11, 59.	4.1	31
56	Dose-Dependent Effects of Randomized Intraduodenal Whey-Protein Loads on Glucose, Gut Hormone, and Amino Acid Concentrations in Healthy Older and Younger Men. Nutrients, 2018, 10, 78.	4.1	30
57	Oral and gastrointestinal sensing of dietary fat and appetite regulation in humans: modification by diet and obesity. Frontiers in Neuroscience, 2010, 1, 178.	2.8	29
58	Intragastric administration of leucine or isoleucine lowers the blood glucose response to a mixed-nutrient drink by different mechanisms in healthy, lean volunteers. American Journal of Clinical Nutrition, 2016, 104, 1274-1284.	4.7	29
59	A high-fat diet raises fasting plasma CCK but does not affect upper gut motility, PYY, and ghrelin, or energy intake during CCK-8 infusion in lean men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R45-R51.	1.8	26
60	Plasma Free Amino Acid Responses to Intraduodenal Whey Protein, and Relationships with Insulin, Glucagon-Like Peptide-1 and Energy Intake in Lean Healthy Men. Nutrients, 2016, 8, 4.	4.1	25
61	Gastrointestinal Sensing of Meal-Related Signals in Humans, and Dysregulations in Eating-Related Disorders. Nutrients, 2019, 11, 1298.	4.1	25
62	Effects of acute and longer-term dietary restriction on upper gut motility, hormone, appetite, and energy-intake responses to duodenal lipid in lean and obese men. American Journal of Clinical Nutrition, 2014, 99, 24-34.	4.7	24
63	Duodenal fatty acid sensor and transporter expression following acute fat exposure in healthy lean humans. Clinical Nutrition, 2017, 36, 564-569.	5.0	23
64	The regulation of gastric ghrelin secretion. Acta Physiologica, 2021, 231, e13588.	3.8	21
65	Intragastric administration of the bitter tastant quinine lowers the glycemic response to a nutrient drink without slowing gastric emptying in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R263-R273.	1.8	20
66	Oral and intestinal sweet and fat tasting: impact of receptor polymorphisms and dietary modulation for metabolic disease. Nutrition Reviews, 2015, 73, 318-334.	5.8	18
67	Comparative effects of intraduodenal amino acid infusions on food intake and gut hormone release in healthy males. Physiological Reports, 2017, 5, e13492.	1.7	18
68	Modulation of hunger and satiety. Current Opinion in Clinical Nutrition and Metabolic Care, 2014, 17, 458-464.	2.5	17
69	Systematic review with meta-analysis: Effects of probiotic supplementation on symptoms in functional dyspepsia. Journal of Functional Foods, 2020, 68, 103902.	3.4	17
70	Effects of Intragastric Administration of Tryptophan on the Blood Glucose Response to a Nutrient Drink and Energy Intake, in Lean and Obese Men. Nutrients, 2018, 10, 463.	4.1	16
71	Plasma Free Amino Acid Responses to Whey Protein and Their Relationships with Gastric Emptying, Blood Glucose- and Appetite-Regulatory Hormones and Energy Intake in Lean Healthy Men. Nutrients, 2019, 11, 2465.	4.1	16
72	Effects of dipeptidyl peptidase IV inhibition on glycemic, gut hormone, triglyceride, energy expenditure, and energy intake responses to fat in healthy males. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E830-E837.	3.5	15

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73	Effects of Intraduodenal Infusion of the Bitter Tastant, Quinine, on Antropyloroduodenal Motility, Plasma Cholecystokinin, and Energy Intake in Healthy Men. Journal of Neurogastroenterology and Motility, 2019, 25, 413-422.	2.4	15
74	Comparative effects of intraduodenal protein and lipid on ghrelin, peptide YY, and leptin release in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R300-R304.	1.8	13
75	Acute Effects of Lixisenatide on Energy Intake in Healthy Subjects and Patients with Type 2 Diabetes: Relationship to Gastric Emptying and Intragastric Distribution. Nutrients, 2020, 12, 1962.	4.1	13
76	Gastric neuropeptide W is regulated by meal-related nutrients. Peptides, 2014, 62, 6-14.	2.4	12
77	Effect of small intestinal glucose load on plasma ghrelin in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R459-R462.	1.8	11
78	Effects of intraduodenal administration of lauric acid and L-tryptophan, alone and combined, on gut hormones, pyloric pressures, and energy intake in healthy men. American Journal of Clinical Nutrition, 2019, 109, 1335-1343.	4.7	11
79	Healthy lifestyle score and irritable bowel syndrome: A crossâ€sectional study in adults. Neurogastroenterology and Motility, 2020, 32, e13793.	3.0	11
80	Comparative Effects of Intragastric 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. Journal of Nutrition, 2021, 151, 1453-1461.	2.9	11
81	Contributions of upper gut hormones and motility to the energy intake-suppressant effects of intraduodenal nutrients in healthy, lean men - a pooled-data analysis. Physiological Reports, 2016, 4, e12943.	1.7	10
82	Nutrientâ€sensing components of the mouse stomach and the gastric ghrelin cell. Neurogastroenterology and Motility, 2020, 32, e13944.	3.0	10
83	Treatment of functional dyspepsia. Current Treatment Options in Gastroenterology, 2003, 6, 289-297.	0.8	9
84	Effects of varying the inter-meal interval on relationships between antral area, gut hormones and energy intake following a nutrient drink in healthy lean humans. Physiology and Behavior, 2014, 135, 34-43.	2.1	9
85	Intragastric Lysine Lowers the Circulating Glucose and Insulin Responses to a Mixed-Nutrient Drink without Slowing Gastric Emptying in Healthy Adults. Journal of Nutrition, 2017, 147, 1275-1281.	2.9	9
86	The Effect of Isoleucine Supplementation on Body Weight Gain and Blood Glucose Response in Lean and Obese Mice. Nutrients, 2020, 12, 2446.	4.1	9
87	Effects of Intraduodenal Infusions of L-phenylalanine and L-glutamine on Antropyloroduodenal Motility and Plasma Cholecystokinin in Healthy Men. Journal of Neurogastroenterology and Motility, 2015, 21, 404-413.	2.4	8
88	Effects of Bitter Substances on GI Function, Energy Intake and Glycaemia-Do Preclinical Findings Translate to Outcomes in Humans?. Nutrients, 2021, 13, 1317.	4.1	8
89	Measurement of plasma glucagon in humans: A shift in the performance of a current commercially available radioimmunoassay kit. Diabetes, Obesity and Metabolism, 2022, 24, 1182-1184.	4.4	8
90	Rationale and protocol for a randomized controlled trial comparing daily calorie restriction versus intermittent fasting to improve glycaemia in individuals at increased risk of developing type 2 diabetes. Obesity Research and Clinical Practice, 2020, 14, 176-183.	1.8	7

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91	Effects of intraluminal local anesthetic on upper gastrointestinal motor, sensory, and peptide hormone responses to intraduodenal glucose. European Journal of Gastroenterology and Hepatology, 2009, 21, 258-265.	1.6	6
92	Effects of L-Phenylalanine on Energy Intake and Glycaemiaâ€"Impacts on Appetite Perceptions, Gastrointestinal Hormones and Gastric Emptying in Healthy Males. Nutrients, 2020, 12, 1788.	4.1	6
93	Comparative Effects of the Branched-Chain Amino Acids, Leucine, Isoleucine and Valine, on Gastric Emptying, Plasma Glucose, C-Peptide and Glucagon in Healthy Men. Nutrients, 2021, 13, 1613.	4.1	6
94	Orlistat accentuates the fat-induced fall in blood pressure in older adults. British Journal of Nutrition, 2011, 106, 417-424.	2.3	5
95	Acute oral administration of lauric acid reduces energy intake in healthy males. E-SPEN Journal, 2014, 9, e69-e75.	0.5	5
96	Intraduodenal Administration of L-Valine Has No Effect on Antropyloroduodenal Pressures, Plasma Cholecystokinin Concentrations or Energy Intake in Healthy, Lean Men. Nutrients, 2019, 11, 99.	4.1	5
97	Effects of Duodenal Infusion of Lauric Acid and L-Tryptophan, Alone and Combined, on Fasting Glucose, Insulin and Glucagon in Healthy Men. Nutrients, 2019, 11, 2697.	4.1	5
98	Effects of intragastric administration of L-tryptophan on the glycaemic response to a nutrient drink in men with type 2 diabetes â€" impacts on gastric emptying, glucoregulatory hormones and glucose absorption. Nutrition and Diabetes, 2021, 11, 3.	3.2	5
99	Spicy Food Consumption and Risk of Uninvestigated Heartburn in Isfahani Adults. Digestive Diseases, 2020, 38, 178-187.	1.9	4
100	Effects of intragastric tryptophan on acute changes in the plasma tryptophan/large neutral amino acids ratio and relationship with subsequent energy intake in lean and obese men. Food and Function, 2020, 11, 7095-7103.	4.6	4
101	Suppression of Energy Intake by Intragastric l-Tryptophan in Lean and Obese Men: Relations with Appetite Perceptions and Circulating Cholecystokinin and Tryptophan. Journal of Nutrition, 2021, 151, 2932-2941.	2.9	4
102	Quinine Effects on Gut and Pancreatic Hormones and Antropyloroduodenal Pressures in Humansâ€"Role of Delivery Site and Sex. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2870-e2881.	3.6	4
103	Regional specificity of the gut-incretin response to small intestinal glucose infusion in healthy older subjects. Peptides, 2016, 86, 126-132.	2.4	3
104	The relationship between dietary inflammatory index and psychosomatic complaints profiles: results from SEPAHAN cross-sectional study. BioPsychoSocial Medicine, 2019, 13, 27.	2.1	3
105	Effects of intraduodenal coadministration of lauric acid and leucine on gut motility, plasma cholecystokinin, and energy intake in healthy men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R790-R798.	1.8	3
106	Intragastric administration of leucine and isoleucine does not reduce the glycaemic response to, or slow gastric emptying of, a carbohydrate-containing drink in type 2 diabetes. Diabetes Research and Clinical Practice, 2021, 171, 108618.	2.8	2
107	An update to the study protocol for a randomized controlled trial comparing daily calorie restriction versus intermittent fasting to improve glycaemia in individuals at increased risk of developing type 2 diabetes. Obesity Research and Clinical Practice, 2021, 15, 306.	1.8	2
108	Appetite and Satiety Controlâ€"Contribution of Gut Mechanisms. Nutrients, 2021, 13, 3635.	4.1	2

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109	Comparative effects of small intestinal glucose on blood pressure, heart rate, and noradrenaline responses in obese and healthy subjects. Physiological Reports, 2018, 6, e13610.	1.7	1
110	Association between Dietary Macronutrient Intake and Symptoms in Uninvestigated Dyspepsia: Evidence from a Population-Based, Cross-Sectional Study. Nutrients, 2022, 14, 2577.	4.1	1
111	Gastric Emptying and Upper Gastrointestinal Symptoms in Anorexia Nervosa. , 2016, , 1-6.		0
112	Gastric Emptying and Upper Gastrointestinal Symptoms in Anorexia Nervosa. , 2017, , 413-418.		0