Tongzhi Wu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92 papers	1,455 citations	23 h-index	35 g-index
109 ext. papers	1,868 ext. citations	6 avg, IF	4.8 L-index

#	Paper	IF	Citations
92	Effects of different sweet preloads on incretin hormone secretion, gastric emptying, and postprandial glycemia in healthy humans. *American Journal of Clinical Nutrition*, **2012**, 95, 78-83	7	113
91	Disordered control of intestinal sweet taste receptor expression and glucose absorption in type 2 diabetes. *Diabetes*, **2013**, 62, 3532-41	0.9	78
90	Administration of resveratrol for 5 wk has no effect on glucagon-like peptide 1 secretion, gastric emptying, or glycemic control in type 2 diabetes: a randomized controlled trial. *American Journal of Clinical Nutrition*, **2016**, 103, 66-70	7	74
89	Effects of taurocholic acid on glycemic, glucagon-like peptide-1, and insulin responses to small intestinal glucose infusion in healthy humans. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E718-22	5.6	60
88	A Protein Preload Enhances the Glucose-Lowering Efficacy of Vildagliptin in Type 2 Diabetes. *Diabetes Care*, **2016**, 39, 511-7	14.6	55
87	Gut motility and enteroendocrine secretion. *Current Opinion in Pharmacology*, **2013**, 13, 928-34	5.1	49
86	Mechanism of increase in plasma intact GLP-1 by metformin in type 2 diabetes: stimulation of GLP-1 secretion or reduction in plasma DPP-4 activity?. *Diabetes Research and Clinical Practice*, **2014**, 106, e3-6	7.4	47
85	Artificial sweeteners have no effect on gastric emptying, glucagon-like peptide-1, or glycemia after oral glucose in healthy humans. *Diabetes Care*, **2013**, 36, e202-3	14.6	43
84	The Glucagon-Like Peptide 1 Receptor Agonist Exenatide Inhibits Small Intestinal Motility, Flow, Transit, and Absorption of Glucose in Healthy Subjects and Patients With Type 2 Diabetes: A Randomized Controlled Trial. *Diabetes*, **2016**, 65, 269-75	0.9	42
83	Whey protein: The "whey" forward for treatment of type 2 diabetes?. *World Journal of Diabetes*, **2015**, 6, 1274-84	4.7	42
82	Dietary effects on incretin hormone secretion. *Vitamins and Hormones*, **2010**, 84, 81-110	2.5	41
81	Effects of a D-xylose preload with or without sitagliptin on gastric emptying, glucagon-like peptide-1, and postprandial glycemia in type 2 diabetes. *Diabetes Care*, **2013**, 36, 1913-8	14.6	40
80	Incretins. *Handbook of Experimental Pharmacology*, **2016**, 233, 137-71	3.2	39
79	Augmented capacity for peripheral serotonin release in human obesity. *International Journal of Obesity*, **2018**, 42, 1880-1889	5.5	37
78	Effects of sitagliptin on glycemia, incretin hormones, and antropyloroduodenal motility in response to intraduodenal glucose infusion in healthy lean and obese humans and patients with type 2 diabetes treated with or without metformin. *Diabetes*, **2014**, 63, 2776-87	0.9	35
77	Metformin reduces the rate of small intestinal glucose absorption in type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2017**, 19, 290-293	6.7	33
76	Effects of intraduodenal glutamine on incretin hormone and insulin release, the glycemic response to an intraduodenal glucose infusion, and antropyloroduodenal motility in health and type 2 diabetes. *Diabetes Care*, **2013**, 36, 2262-5	14.6	32

75	New insights into the anti-diabetic actions of metformin: from the liver to the gut. *Expert Review of Gastroenterology and Hepatology*, **2017**, 11, 157-166	4.2	30
74	Role of Intestinal Bitter Sensing in Enteroendocrine Hormone Secretion and Metabolic Control. *Frontiers in Endocrinology*, **2018**, 9, 576	5.7	28
73	Effects of lixisenatide on postprandial blood pressure, gastric emptying and glycaemia in healthy people and people with type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2019**, 21, 1158-1167	6.7	27
72	Gastric Emptying in Patients With Well-Controlled Type 2 Diabetes Compared With Young and Older Control Subjects Without Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 3311-3319	5.6	26
71	Comparative Effects of Proximal and Distal Small Intestinal Glucose Exposure on Glycemia, Incretin Hormone Secretion, and the Incretin Effect in Health and Type 2 Diabetes. *Diabetes Care*, **2019**, 42, 520-528	14.6	24
70	Mechanism of glucose-lowering by metformin in type 2 diabetes: Role of bile acids. *Diabetes, Obesity and Metabolism*, **2020**, 22, 141-148	6.7	24
69	Role of Bile Acids in the Regulation of Food Intake, and Their Dysregulation in Metabolic Disease. *Nutrients*, **2021**, 13,	6.7	22
68	Exenatide once weekly slows gastric emptying of solids and liquids in healthy, overweight people at steady-state concentrations. *Diabetes, Obesity and Metabolism*, **2020**, 22, 788-797	6.7	20
67	Comparative effects of proximal and distal small intestinal administration of metformin on plasma glucose and glucagon-like peptide-1, and gastric emptying after oral glucose, in type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2019**, 21, 640-647	6.7	20
66	A whey/guar "preload" improves postprandial glycaemia and glycated haemoglobin levels in type 2 diabetes: A 12-week, single-blind, randomized, placebo-controlled trial. *Diabetes, Obesity and Metabolism*, **2019**, 21, 930-938	6.7	16
65	Bile acid profiles in diabetic (db/db) mice and their wild type littermates. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 131, 473-481	3.5	15
64	Hyperosmolar Duodenal Saline Infusion Lowers Circulating Ghrelin and Stimulates Intestinal Hormone Release in Young Men. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 4409-4418	5.6	15
63	Inter-regulation of gastric emptying and incretin hormone secretion: implications for postprandial glycemic control. *Biomarkers in Medicine*, **2016**, 10, 1167-1179	2.3	14
62	Glucose absorption in small intestinal diseases. *Expert Review of Gastroenterology and Hepatology*, **2014**, 8, 301-12	4.2	14
61	Comparative effects of intraduodenal fat and glucose on the gut-incretin axis in healthy males. *Peptides*, **2017**, 95, 124-127	3.8	14
60	Gut Mechanisms Linking Intestinal Sweet Sensing to Glycemic Control. *Frontiers in Endocrinology*, **2018**, 9, 741	5.7	14
59	Efficacy of Co-administration of Liuwei Dihuang Pills and Ginkgo Biloba Tablets on Albuminuria in Type 2 Diabetes: A 24-Month, Multicenter, Double-Blind, Placebo-Controlled, Randomized Clinical Trial. *Frontiers in Endocrinology*, **2019**, 10, 100	5.7	13
58	Acute effects of the glucagon-like peptide-1 receptor agonist, exenatide, on blood pressure and heart rate responses to intraduodenal glucose infusion in type 2 diabetes. *Diabetes and Vascular Disease Research*, **2017**, 14, 59-63	3.3	12

57	Enteroendocrine Hormone Secretion and Metabolic Control: Importance of the Region of the Gut Stimulation. *Pharmaceutics*, **2020**, 12,	6.4	12
56	Small Intestinal Glucose Delivery Affects the Lowering of Blood Glucose by Acute Vildagliptin in Type 2 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4769-4778	5.6	12
55	Effects of Vildagliptin and Metformin on Blood Pressure and Heart Rate Responses to Small Intestinal Glucose in Type 2 Diabetes. *Diabetes Care*, **2017**, 40, 702-705	14.6	11
54	Effects of Sustained Treatment With Lixisenatide on Gastric Emptying and Postprandial Glucose Metabolism in Type 2 Diabetes: A Randomized Controlled Trial. *Diabetes Care*, **2020**, 43, 1813-1821	14.6	11
53	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	3.2	11
52	Title: Differentiating the effects of whey protein and guar gum preloads on postprandial glycemia in type 2 diabetes. *Clinical Nutrition*, **2019**, 38, 2827-2832	5.9	11
51	Metformin attenuates the postprandial fall in blood pressure in type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2019**, 21, 1251-1254	6.7	9
50	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	4.4	8
49	Changes in meal composition and duration affect postprandial endothelial function in healthy humans. *American Journal of Physiology - Renal Physiology*, **2014**, 307, G1191-7	5.1	8
48	Effects of sitagliptin on gastric emptying of, and the glycaemic and blood pressure responses to, a carbohydrate meal in type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2020**, 22, 51-58	6.7	8
47	Glucagon-like peptide-1 receptor agonists and the appropriate measurement of gastric emptying. *Diabetes, Obesity and Metabolism*, **2020**, 22, 2504-2506	6.7	8
46	Comparative Effects of Bile Diversion and Duodenal-Jejunal Bypass on Glucose and Lipid Metabolism in Male Diabetic Rats. *Obesity Surgery*, **2016**, 26, 1565-75	3.7	7
45	Objectively-Measured Light-Intensity Physical Activity and Risk of Cancer Mortality: A Meta-analysis of Prospective Cohort Studies. *Cancer Epidemiology Biomarkers and Prevention*, **2020**, 29, 1067-1073	4	7
44	Effects of intraduodenal hydroxycitrate on glucose absorption, incretin release, and glycemia in response to intraduodenal glucose infusion in health and type 2 diabetes: A randomised controlled trial. *Nutrition*, **2016**, 32, 553-9	4.8	6
43	INS-1 cells inhibit the production of extracellular matrix from pancreatic stellate cells. *Journal of Molecular Histology*, **2014**, 45, 321-7	3.3	6
42	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. *Diabetes, Obesity and Metabolism*, **2020**, 22, 383-392	6.7	6
41	Lactate and Myocadiac Energy Metabolism. *Frontiers in Physiology*, **2021**, 12, 715081	4.6	6
40	Longitudinal evaluation of gastric emptying in type 2 diabetes. *Diabetes Research and Clinical Practice*, **2019**, 154, 27-34	7.4	5

39	Longitudinal Changes in Fasting and Glucose-Stimulated GLP-1 and GIP in Healthy Older Subjects. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 6201-6206	5.6	5
38	Performance of Fasting Plasma Glucose and Postprandial Urine Glucose in Screening for Diabetes in Chinese High-risk Population. *Chinese Medical Journal*, **2015**, 128, 3270-5	2.9	5
37	Gastrointestinal autonomic neuropathy in diabetes. *Autonomic Neuroscience: Basic and Clinical*, **2020**, 229, 102718	2.4	5
36	Gastrointestinal adverse events with insulin glargine/lixisenatide fixed-ratio combination versus glucagon-like peptide-1 receptor agonists in people with type 2 diabetes mellitus: A network meta-analysis. *Diabetes, Obesity and Metabolism*, **2021**, 23, 136-146	6.7	5
35	Is estimated cardiorespiratory fitness an effective predictor for cardiovascular and all-cause mortality? A meta-analysis. *Atherosclerosis*, **2021**, 330, 22-28	3.1	5
34	Does objectively measured light-intensity physical activity reduce the risk of cardiovascular mortality? A meta-analysis. *European Heart Journal Quality of Care & Clinical Outcomes*, **2021**, 7, 496-504	4.6	4
33	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,	6.7	4
32	Disparities in gastric emptying and postprandial glycaemia between Han Chinese and Caucasians with type 2 diabetes. *Diabetes Research and Clinical Practice*, **2020**, 159, 107951	7.4	4
31	Role of intestinal glucose absorption in glucose tolerance. *Current Opinion in Pharmacology*, **2020**, 55, 116-124	5.1	4
30	DPP-4 Inhibition and the Known Unknown. *Diabetes*, **2016**, 65, 2124-6	0.9	4
29	Gastric Emptying and the Personalized Management of Type 1 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 3503-3506	5.6	4
28	Effects of intraduodenal administration of the artificial sweetener sucralose on blood pressure and superior mesenteric artery blood flow in healthy older subjects. *American Journal of Clinical Nutrition*, **2018**, 108, 156-162	7	4
27	Effects of Proximal and Distal Enteral Glucose Infusion on Cardiovascular Response in Health and Type 2 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	3
26	Regional specificity of the gut-incretin response to small intestinal glucose infusion in healthy older subjects. *Peptides*, **2016**, 86, 126-132	3.8	3
25	The Effects of a Whey Protein and Guar Gum-Containing Preload on Gastric Emptying, Glycaemia, Small Intestinal Absorption and Blood Pressure in Healthy Older Subjects. *Nutrients*, **2019**, 11,	6.7	3
24	Gastric emptying in health and type 2 diabetes: An evaluation using a 75 g oral glucose drink. *Diabetes Research and Clinical Practice*, **2021**, 171, 108610	7.4	3
23	A Multiplexed Microfluidic Platform toward Interrogating Endocrine Function: Simultaneous Sensing of Extracellular Ca and Hormone. *ACS Sensors*, **2020**, 5, 490-499	9.2	2
22	Whey Protein and Diabetes **2017**, 197-209		2

21	Muscle strength and prediabetes progression and regression in middle-aged and older adults: a prospective cohort study.. *Journal of Cachexia, Sarcopenia and Muscle*, **2022**,	10.3	1
20	Plasma GLP-1 response to oral and intraduodenal nutrients in health and type 2 diabetes - impact on gastric emptying. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	1
19	Comment on Rosenstock et al. Impact of a Weekly Glucagon-Like Peptide 1 Receptor Agonist, Albiglutide, on Glycemic Control and on Reducing Prandial Insulin Use in Type 2 Diabetes Inadequately Controlled on Multiple Insulin Therapy: A Randomized Trial. Diabetes Care 2020;43:2509-2518. *Diabetes Care*, **2021**, 44, e194-e195	14.6	1
18	The relationship between plasma GIP and GLP-1 levels in individuals with normal and impaired glucose tolerance. *Acta Diabetologica*, **2020**, 57, 583-587	3.9	1
17	Comparative Effects of Intraduodenal Glucose and Fat Infusion on Blood Pressure and Heart Rate in Type 2 Diabetes. *Frontiers in Nutrition*, **2020**, 7, 582314	6.2	1
16	Gastrointestinal Mechanisms Underlying the Cardiovascular Effect of Metformin. *Pharmaceuticals*, **2020**, 13,	5.2	1
15	Response to Dahl et al.: Oral semaglutide improves postprandial glucose and lipid metabolism, and delays gastric emptying, in subjects with type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2021**, 23, 2411-2413	6.7	1
14	Spontaneous or Deliberate: Effects of Acute Variations in Glycemia on Gastric Emptying in Type 1 Diabetes. *Diabetes Care*, **2021**, 44, 316-318	14.6	1
13	Comparative effects of small intestinal glucose on blood pressure, heart rate, and noradrenaline responses in obese and healthy subjects. *Physiological Reports*, **2018**, 6, e13610	2.6	1
12	Potential for Gut Peptide-Based Therapy in Postprandial Hypotension. *Nutrients*, **2021**, 13,	6.7	1
11	Measurement of plasma glucagon in humans - a shift in the performance of a current commercially available RIA kit.. *Diabetes, Obesity and Metabolism*, **2022**,	6.7	1
10	Changes in objectively-measured physical capability over 4-year, risk of diabetes, and glycemic control in older adults: the China Health and Retirement Longitudinal Study.. *Diabetes Research and Clinical Practice*, **2021**, 109186	7.4	0
9	Changes in creatinine-to-cystatin C ratio over 4 years, risk of diabetes, and cardiometabolic control: The China Health and Retirement Longitudinal Study. *Journal of Diabetes*, **2021**, 13, 1025-1033	3.8	0
8	Effects of ileal glucose infusion on enteropancreatic hormone secretion in humans: relationship to glucose absorption.. *Metabolism: Clinical and Experimental*, **2022**, 131, 155198	12.7	0
7	Acute Administration of the GLP-1 Receptor Agonist Lixisenatide Diminishes Postprandial Insulin Secretion in Healthy Subjects But Not in Type 2 Diabetes, Associated with Slowing of Gastric Emptying.. *Diabetes Therapy*, **2022**, 1	3.6	0
6	Comment on Russell-Jones et al. Diabetes Care 2017;40:943-950. Comment on Bowering et al. Diabetes Care 2017;40:951-957. *Diabetes Care*, **2018**, 41, e27-e28	14.6	
5	Sensing Intra- and Extra-Cellular Ca2+ in the Islet of Langerhans. *Advanced Functional Materials*,2106020	15.6	
4	Statins and glycaemic control in type 2 diabetes: Are bile acids relevant?. *British Journal of Clinical Pharmacology*, **2020**, 86, 2538-2539	3.8	

List of Publications

3	Diabetes and the Gastrointestinal Tract **2020**, 9-12	
2	Investigation of the association between lens autofluorescence ratio and diabetes: a cross-sectional study.. *Photodiagnosis and Photodynamic Therapy*, **2022**, 102888	3.5
1	Is imaging-based muscle quantity associated with risk of diabetes? A meta-analysis of cohort studies. *Diabetes Research and Clinical Practice*, **2022**, 109939	7.4