

Gary S Frost

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7434246/publications.pdf>

Version: 2024-02-01

184
papers

11,763
citations

50276

46
h-index

30922

102
g-index

193
all docs

193
docs citations

193
times ranked

13901
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Food Intake in Obese Subjects by Peptide YY ₃₆ . <i>New England Journal of Medicine</i> , 2003, 349, 941-948.	27.0	1,423
2	The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. <i>Nature Communications</i> , 2014, 5, 3611.	12.8	1,129
3	Effects of targeted delivery of propionate to the human colon on appetite regulation, body weight maintenance and adiposity in overweight adults. <i>Gut</i> , 2015, 64, 1744-1754.	12.1	950
4	Role of Gut Microbiota-Generated Short-Chain Fatty Acids in Metabolic and Cardiovascular Health. <i>Current Nutrition Reports</i> , 2018, 7, 198-206.	4.3	425
5	Oxyntomodulin Suppresses Appetite and Reduces Food Intake in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4696-4701.	3.6	406
6	Magnetic resonance imaging of total body fat. <i>Journal of Applied Physiology</i> , 1998, 85, 1778-1785.	2.5	284
7	Fasting biases brain reward systems towards high-calorie foods. <i>European Journal of Neuroscience</i> , 2009, 30, 1625-1635.	2.6	284
8	Dietary supplementation with inulin-propionate ester or inulin improves insulin sensitivity in adults with overweight and obesity with distinct effects on the gut microbiota, plasma metabolome and systemic inflammatory responses: a randomised cross-over trial. <i>Gut</i> , 2019, 68, 1430-1438.	12.1	235
9	Obese patients after gastric bypass surgery have lower brain-hedonic responses to food than after gastric banding. <i>Gut</i> , 2014, 63, 891-902.	12.1	234
10	Longitudinal Multi-omics Reveals Subset-Specific Mechanisms Underlying Irritable Bowel Syndrome. <i>Cell</i> , 2020, 182, 1460-1473.e17.	28.9	217
11	Control of appetite and energy intake by SCFA: what are the potential underlying mechanisms?. <i>Proceedings of the Nutrition Society</i> , 2015, 74, 328-336.	1.0	216
12	Free fatty acid receptor 2 and nutrient sensing: a proposed role for fibre, fermentable carbohydrates and short-chain fatty acids in appetite regulation. <i>Nutrition Research Reviews</i> , 2010, 23, 135-145.	4.1	200
13	Objective assessment of dietary patterns by use of metabolic phenotyping: a randomised, controlled, crossover trial. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 184-195.	11.4	194
14	Short-chain fatty acids as potential regulators of skeletal muscle metabolism and function. <i>Nature Metabolism</i> , 2020, 2, 840-848.	11.9	194
15	The diet-derived short chain fatty acid propionate improves beta-cell function in humans and stimulates insulin secretion from human islets in vitro. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 257-265.	4.4	186
16	Fermentable carbohydrate stimulates FFAR2-dependent colonic PYY cell expansion to increase satiety. <i>Molecular Metabolism</i> , 2017, 6, 48-60.	6.5	179
17	Effect of changing the amount and type of fat and carbohydrate on insulin sensitivity and cardiovascular risk: the RISCK (Reading, Imperial, Surrey, Cambridge, and Kings) trial. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 748-758.	4.7	172
18	A metabolomic study of biomarkers of meat and fish intake. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 600-608.	4.7	156

#	ARTICLE	IF	CITATIONS
19	Visceral Adipose Tissue and Metabolic Complications of Obesity Are Reduced in Prader-Willi Syndrome Female Adults: Evidence for Novel Influences on Body Fat Distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4330-4338.	3.6	149
20	Preliminary report The effect of low-glycemic carbohydrate on insulin and glucose response in vivo and in vitro in patients with coronary heart disease. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 669-672.	3.4	145
21	Increased colonic propionate reduces anticipatory reward responses in the human striatum to high-energy foods. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 5-14.	4.7	145
22	Manipulation of starch bioaccessibility in wheat endosperm to regulate starch digestion, postprandial glycemia, insulinemia, and gut hormone responses: a randomized controlled trial in healthy ileostomy participants. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 791-800.	4.7	134
23	Development of a UK Online 24-h Dietary Assessment Tool: myfood24. <i>Nutrients</i> , 2015, 7, 4016-4032.	4.1	130
24	Ghrelin mimics fasting to enhance human hedonic, orbitofrontal cortex, and hippocampal responses to food. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1319-1330.	4.7	116
25	Impact of Resistant Starch on Body Fat Patterning and Central Appetite Regulation. <i>PLoS ONE</i> , 2007, 2, e1309.	2.5	111
26	Validation of the Oxford WebQ Online 24-Hour Dietary Questionnaire Using Biomarkers. <i>American Journal of Epidemiology</i> , 2019, 188, 1858-1867.	3.4	109
27	Plant-rich mixed meals based on Palaeolithic diet principles have a dramatic impact on incretin, peptide YY and satiety response, but show little effect on glucose and insulin homeostasis: an acute-effects randomised study. <i>British Journal of Nutrition</i> , 2015, 113, 574-584.	2.3	86
28	Combined GLP-1, Oxyntomodulin, and Peptide YY Improves Body Weight and Glycemia in Obesity and Prediabetes/Type 2 Diabetes: A Randomized, Single-Blinded, Placebo-Controlled Study. <i>Diabetes Care</i> , 2019, 42, 1446-1453.	8.6	84
29	An Intelligent Food-Intake Monitoring System Using Wearable Sensors. , 2012, , .		83
30	Insulin-associated weight gain in obese type 2 diabetes mellitus patients: What can be done?. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1655-1668.	4.4	83
31	Validity of an online 24-h recall tool (myfood24) for dietary assessment in population studies: comparison with biomarkers and standard interviews. <i>BMC Medicine</i> , 2018, 16, 136.	5.5	82
32	Acute oral sodium propionate supplementation raises resting energy expenditure and lipid oxidation in fasted humans. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1034-1039.	4.4	80
33	Wholegrain cereals for coronary heart disease. , 2007, , CD005051.		78
34	The impact of oligofructose on stimulation of gut hormones, appetite regulation and adiposity. <i>Obesity</i> , 2014, 22, 1430-1438.	3.0	73
35	The effects of dietary supplementation with inulin and inulin-propionate ester on hepatic steatosis in adults with non-alcoholic fatty liver disease. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 372-376.	4.4	73
36	Fermentable Carbohydrate Alters Hypothalamic Neuronal Activity and Protects Against the Obesogenic Environment. <i>Obesity</i> , 2012, 20, 1016-1023.	3.0	72

#	ARTICLE	IF	CITATIONS
37	Identifying unknown metabolites using NMR-based metabolic profiling techniques. <i>Nature Protocols</i> , 2020, 15, 2538-2567.	12.0	69
38	Maximal fat oxidation during exercise is positively associated with 24-hour fat oxidation and insulin sensitivity in young, healthy men. <i>Journal of Applied Physiology</i> , 2015, 118, 1415-1422.	2.5	67
39	Short chain fatty acids stimulate insulin secretion and reduce apoptosis in mouse and human islets in vitro: Role of free fatty acid receptor 2. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 330-339.	4.4	67
40	Differential Effects of Two Fermentable Carbohydrates on Central Appetite Regulation and Body Composition. <i>PLoS ONE</i> , 2012, 7, e43263.	2.5	66
41	Immediate Transfusion in African Children with Uncomplicated Severe Anemia. <i>New England Journal of Medicine</i> , 2019, 381, 407-419.	27.0	64
42	Gut hormone release and appetite regulation in healthy non-obese participants following oligofructose intake. A dose-escalation study. <i>Appetite</i> , 2013, 66, 44-53.	3.7	61
43	Total, insoluble and soluble dietary fibre intake in relation to blood pressure: the INTERMAP Study. <i>British Journal of Nutrition</i> , 2015, 114, 1480-1486.	2.3	61
44	Mycoprotein reduces energy intake and postprandial insulin release without altering glucagon-like peptide-1 and peptide tyrosine-tyrosine concentrations in healthy overweight and obese adults: a randomised-controlled trial. <i>British Journal of Nutrition</i> , 2016, 116, 360-374.	2.3	58
45	Demonstration of the utility of biomarkers for dietary intake assessment; proline betaine as an example. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700037.	3.3	58
46	Prebiotics Modulate the Effects of Antibiotics on Gut Microbial Diversity and Functioning in Vitro. <i>Nutrients</i> , 2015, 7, 4480-4497.	4.1	55
47	Plasma metabolome analysis identifies distinct human metabolotypes in the postprandial state with different susceptibility to weight loss-mediated metabolic improvements. <i>FASEB Journal</i> , 2018, 32, 5447-5458.	0.5	54
48	A randomized controlled trial: the effect of inulin on weight management and ectopic fat in subjects with prediabetes. <i>Nutrition and Metabolism</i> , 2015, 12, 36.	3.0	53
49	Development of a New Branded UK Food Composition Database for an Online Dietary Assessment Tool. <i>Nutrients</i> , 2016, 8, 480.	4.1	51
50	A pilot study to determine whether using a lightweight, wearable micro-camera improves dietary assessment accuracy and offers information on macronutrients and eating rate. <i>British Journal of Nutrition</i> , 2016, 115, 160-167.	2.3	49
51	Transfusion Volume for Children with Severe Anemia in Africa. <i>New England Journal of Medicine</i> , 2019, 381, 420-431.	27.0	49
52	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: rationale and design of the epidemiological studies within the IMI DIRECT Consortium. <i>Diabetologia</i> , 2014, 57, 1132-1142.	6.3	48
53	An Analytical Pipeline for Quantitative Characterization of Dietary Intake: Application To Assess Grape Intake. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2423-2431.	5.2	48
54	Modulation of the Gut Microbiota by Olive Oil Phenolic Compounds: Implications for Lipid Metabolism, Immune System, and Obesity. <i>Nutrients</i> , 2020, 12, 2200.	4.1	48

#	ARTICLE	IF	CITATIONS
55	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. <i>PLoS Medicine</i> , 2020, 17, e1003149.	8.4	47
56	Integrated Analytical and Statistical Two-Dimensional Spectroscopy Strategy for Metabolite Identification: Application to Dietary Biomarkers. <i>Analytical Chemistry</i> , 2017, 89, 3300-3309.	6.5	46
57	Visceral Adipose Tissue and Metabolic Complications of Obesity Are Reduced in Prader-Willi Syndrome Female Adults: Evidence for Novel Influences on Body Fat Distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4330-4338.	3.6	43
58	Nutriomeâ€“metabolome relationships provide insights into dietary intake and metabolism. <i>Nature Food</i> , 2020, 1, 426-436.	14.0	41
59	Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study. <i>Cell Reports Medicine</i> , 2022, 3, 100477.	6.5	39
60	Determinants of postprandial plasma bile acid kinetics in human volunteers. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G300-G312.	3.4	38
61	A natural mutation in <i>Pisum sativum</i> L. (pea) alters starch assembly and improves glucose homeostasis in humans. <i>Nature Food</i> , 2020, 1, 693-704.	14.0	37
62	Obesity Impacts on General Practice Appointments. <i>Obesity</i> , 2005, 13, 1442-1449.	4.0	36
63	Exploration of muscle loss and metabolic state during prolonged critical illness: Implications for intervention?. <i>PLoS ONE</i> , 2019, 14, e0224565.	2.5	36
64	Healthy Foods and Healthy Diets. How Government Policies Can Steer Food Reformulation. <i>Nutrients</i> , 2020, 12, 1992.	4.1	35
65	Low glycaemic index diets for the prevention of cardiovascular disease. <i>The Cochrane Library</i> , 2021, 2021, CD004467.	2.8	34
66	What is the impact of food reformulation on individuals' behaviour, nutrient intakes and health status? A systematic review of empirical evidence. <i>Obesity Reviews</i> , 2021, 22, e13139.	6.5	34
67	Higher dietary fibre intake is associated with increased skeletal muscle mass and strength in adults aged 40 years and older. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 2134-2144.	7.3	34
68	APOE4 Genotype Exerts Greater Benefit in Lowering Plasma Cholesterol and Apolipoprotein B than Wild Type (E3/E3), after Replacement of Dietary Saturated Fats with Low Glycaemic Index Carbohydrates. <i>Nutrients</i> , 2018, 10, 1524.	4.1	32
69	A Randomised Crossover Trial: The Effect of Inulin on Glucose Homeostasis in Subtypes of Prediabetes. <i>Annals of Nutrition and Metabolism</i> , 2016, 68, 26-34.	1.9	31
70	Impact of liver fat on the differential partitioning of hepatic triacylglycerol into VLDL subclasses on high and low sugar diets. <i>Clinical Science</i> , 2017, 131, 2561-2573.	4.3	31
71	Spot and Cumulative Urine Samples Are Suitable Replacements for 24-Hour Urine Collections for Objective Measures of Dietary Exposure in Adults Using Metabolite Biomarkers. <i>Journal of Nutrition</i> , 2019, 149, 1692-1700.	2.9	31
72	Regulation of energy expenditure and substrate oxidation by short-chain fatty acids. <i>Journal of Endocrinology</i> , 2019, 242, R1-R8.	2.6	31

#	ARTICLE	IF	CITATIONS
73	Changes in the human plasma and urinary metabolome associated with acute dietary exposure to sucrose and the identification of potential biomarkers of sucrose intake. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 444-457.	3.3	28
74	Estimation of Chicken Intake by Adults Using Metabolomics-Derived Markers. <i>Journal of Nutrition</i> , 2017, 147, 1850-1857.	2.9	28
75	Impacts of Plant-Based Foods in Ancestral Hominin Diets on the Metabolism and Function of Gut Microbiota <i>In Vitro</i> . <i>MBio</i> , 2014, 5, e00853-14.	4.1	27
76	Dietary assessment of British police force employees: a description of diet record coding procedures and cross-sectional evaluation of dietary energy intake reporting (The Airwave Health Monitoring) <i>Tj ETQq0 0 0 rgBT.4 Overlock 10 Tf 50</i>	4.1	27
77	A randomized controlled trial for overweight and obesity in preschoolers: the More and Less Europe studyA- an intervention within the STOP project. <i>BMC Public Health</i> , 2019, 19, 945.	2.9	25
78	Effects of Inulin Propionate Ester Incorporated into Palatable Food Products on Appetite and Resting Energy Expenditure: A Randomised Crossover Study. <i>Nutrients</i> , 2019, 11, 861.	4.1	25
79	Enhanced triacylglycerol catabolism by carboxylesterase 1 promotes aggressive colorectal carcinoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	25
80	A cross-sectional investigation into the occupational and socio-demographic characteristics of British police force employees reporting a dietary pattern associated with cardiometabolic risk: findings from the Airwave Health Monitoring Study. <i>European Journal of Nutrition</i> , 2018, 57, 2913-2926.	3.9	24
81	Development of a Rapid and Efficient Magnetic Resonance Imaging Technique for Analysis of Body Fat Distribution. , 1996, 9, 156-164.		23
82	Predicting Free-Living Energy Expenditure Using a Miniaturized Ear-Worn Sensor: An Evaluation Against Doubly Labeled Water. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 566-575.	4.2	23
83	Effects of mycoprotein on glycaemic control and energy intake in humans: a systematic review. <i>British Journal of Nutrition</i> , 2020, 123, 1321-1332.	2.3	23
84	The impact of starchy food structure on postprandial glycemic response and appetite: a systematic review with meta-analysis of randomized crossover trials. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 472-487.	4.7	23
85	The impact of the consumer and neighbourhood food environment on dietary intake and obesity-related outcomes: A systematic review of causal impact studies. <i>Social Science and Medicine</i> , 2022, 299, 114879.	3.8	23
86	The Effect of Dietary Glycemic Index on Weight Maintenance in Overweight Subjects: A Pilot Study. <i>Obesity</i> , 2009, 17, 396-401.	3.0	22
87	Adherence to NICE guidelines on diabetes prevention in the UK: Effect on patient knowledge and perceived risk. <i>Primary Care Diabetes</i> , 2015, 9, 407-411.	1.8	22
88	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: descriptive characteristics of the epidemiological studies within the IMI DIRECT Consortium. <i>Diabetologia</i> , 2019, 62, 1601-1615.	6.3	22
89	The Relationship between Fish Intake and Urinary Trimethylamineâ€œNâ€œOxide. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900799.	3.3	22
90	Contribution of reformulation, product renewal, and changes in consumer behavior to the reduction of salt intakes in the UK population between 2008/2009 and 2016/2017. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1092-1099.	4.7	22

#	ARTICLE	IF	CITATIONS
91	Validation of triple pass 24-hour dietary recall in Ugandan children by simultaneous weighed food assessment. BMC Nutrition, 2016, 2, .	1.6	21
92	Effect of energy restriction and physical exercise intervention on phenotypic flexibility as examined by transcriptomics analyses of <sc>mRNA</sc> from adipose tissue and whole body magnetic resonance imaging. Physiological Reports, 2016, 4, e13019.	1.7	21
93	Intakes and Food Sources of Dietary Fibre and Their Associations with Measures of Body Composition and Inflammation in UK Adults: Cross-Sectional Analysis of the Airwave Health Monitoring Study. Nutrients, 2019, 11, 1839.	4.1	21
94	Co-trimoxazole or multivitamin multimineral supplement for post-discharge outcomes after severe anaemia in African children: a randomised controlled trial. The Lancet Global Health, 2019, 7, e1435-e1447.	6.3	21
95	Engaging patients, clinicians and health funders in weight management: the Counterweight Programme. Family Practice, 2008, 25, i79-i86.	1.9	20
96	Low-energy total diet replacement intervention in patients with type 2 diabetes mellitus and obesity treated with insulin: a randomized trial. BMJ Open Diabetes Research and Care, 2020, 8, e001012.	2.8	20
97	Interaction of PPARG Pro12Ala with dietary fat influences plasma lipids in subjects at cardiometabolic risk. Journal of Lipid Research, 2011, 52, 2298-2303.	4.2	19
98	Carbohydrate and human health: is it all about quality?. Lancet, The, 2019, 393, 384-386.	13.7	19
99	Effect of ultraprocessed food intake on cardiometabolic risk is mediated by diet quality: a cross-sectional study. BMJ Nutrition, Prevention and Health, 2021, 4, 174-180.	3.7	19
100	Breeding low-glycemic index barley for functional food. Field Crops Research, 2013, 154, 31-39.	5.1	17
101	Lack of weight recording in patients being administered narrow therapeutic index antibiotics: a prospective cross-sectional study. BMJ Open, 2015, 5, e006092-e006092.	1.9	17
102	Short Chain Fatty Acids Enhance Expression and Activity of the Umami Taste Receptor in Enteroendocrine Cells via a GÎ±i/o Pathway. Frontiers in Nutrition, 2020, 7, 568991.	3.7	17
103	Long Term Exposure to a Grape Seed Proanthocyanidin Extract Enhances Lâ€Cell Differentiation in Intestinal Organoids. Molecular Nutrition and Food Research, 2020, 64, e2000303.	3.3	17
104	The role of metabonomics as a tool for augmenting nutritional information in epidemiological studies. Electrophoresis, 2013, 34, 2776-2786.	2.4	16
105	Cationic lipid-based nanoparticles mediate functional delivery of acetate to tumor cells in vivo leading to significant anticancer effects. International Journal of Nanomedicine, 2017, Volume 12, 6677-6685.	6.7	16
106	The Effect of a Single Bout of Continuous Aerobic Exercise on Glucose, Insulin and Glucagon Concentrations Compared to Resting Conditions in Healthy Adults: A Systematic Review, Meta-Analysis and Meta-Regression. Sports Medicine, 2021, 51, 1949-1966.	6.5	16
107	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. Diabetes Care, 2021, 44, 511-518.	8.6	16
108	Nutrient profiling and adherence to components of the UK national dietary guidelines association with metabolic risk factors for CVD and diabetes: Airwave Health Monitoring Study. British Journal of Nutrition, 2018, 119, 695-705.	2.3	15

#	ARTICLE	IF	CITATIONS
109	The effect of L-rhamnose on intestinal transit time, short chain fatty acids and appetite regulation: a pilot human study using combined ¹³ CO ₂ /H ₂ breath tests. <i>Journal of Breath Research</i> , 2018, 12, 046006.	3.0	15
110	Development and Validation of an Objective, Passive Dietary Assessment Method for Estimating Food and Nutrient Intake in Households in Low- and Middle-Income Countries: A Study Protocol. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa020.	0.3	15
111	Data Resource Profile: Understanding the patterns and determinants of health in South Asians—the South Asia Biobank. <i>International Journal of Epidemiology</i> , 2021, 50, 717-718e.	1.9	15
112	Chemical biology of noncanonical G protein-coupled receptor signaling: Toward advanced therapeutics. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 98-110.	6.1	15
113	The effects of SCFAs on glycemic control in humans: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 335-361.	4.7	15
114	The Effect of Standard Versus Longer Intestinal Bypass on GLP-1 Regulation and Glucose Metabolism in Patients With Type 2 Diabetes Undergoing Roux-en-Y Gastric Bypass: The Long-Limb Study. <i>Diabetes Care</i> , 2021, 44, 1082-1090.	8.6	14
115	Modifying gut integrity and microbiome in children with severe acute malnutrition using legume-based feeds (MIMBLE): A pilot trial. <i>Cell Reports Medicine</i> , 2021, 2, 100280.	6.5	14
116	The association of mycoprotein-based food consumption with diet quality, energy intake and non-communicable diseases risk in the UK adult population using the National Diet and Nutrition Survey (NDNS) years 2008/2009–2016/2017: a cross-sectional study. <i>British Journal of Nutrition</i> , 2022, 127, 1685-1694.	2.3	13
117	Information provision for antibacterial dosing in the obese patient: a sizeable absence?. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3588-3592.	3.0	12
118	The role of physical activity in metabolic homeostasis before and after the onset of type 2 diabetes: an IMI DIRECT study. <i>Diabetologia</i> , 2020, 63, 744-756.	6.3	12
119	L-rhamnose as a source of colonic propionate inhibits insulin secretion but does not influence measures of appetite or food intake. <i>Appetite</i> , 2016, 98, 142-149.	3.7	11
120	Investigating the Role of Diet and Exercise in Gut Microbe-Host Cometabolism. <i>MSystems</i> , 2020, 5, .	3.8	11
121	Minor changes in fibre intake in the UK population between 2008/2009 and 2016/2017. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 322-327.	2.9	11
122	Antimicrobial therapy in obesity: a multicentre cross-sectional study. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2906-2912.	3.0	10
123	Moderate intensity exercise training combined with inulin-propionate ester supplementation increases whole body resting fat oxidation in overweight women. <i>Metabolism: Clinical and Experimental</i> , 2020, 104, 154043.	3.4	10
124	Measuring phenotypic flexibility by transcriptome time-course analyses during challenge tests before and after energy restriction. <i>FASEB Journal</i> , 2019, 33, 10280-10290.	0.5	9
125	Incidence and predictors of hospital readmission in children presenting with severe anaemia in Uganda and Malawi: a secondary analysis of TRACT trial data. <i>BMC Public Health</i> , 2021, 21, 1480.	2.9	9
126	Food environment and diabetes mellitus in South Asia: A geospatial analysis of health outcome data. <i>PLoS Medicine</i> , 2022, 19, e1003970.	8.4	9

#	ARTICLE	IF	CITATIONS
127	Variation in the FFAR1 Gene Modifies BMI, Body Composition and Beta-Cell Function in Overweight Subjects: An Exploratory Analysis. PLoS ONE, 2011, 6, e19146.	2.5	8
128	A UK survey of nutritional care pathways for patients with COVID-19 prior to and post-hospital stay. Journal of Human Nutrition and Dietetics, 2021, 34, 660-669.	2.5	8
129	A Novel Approach to Dining Bowl Reconstruction for Image-Based Food Volume Estimation. Sensors, 2022, 22, 1493.	3.8	8
130	Food environments and obesity: A geospatial analysis of the South Asia Biobank, income and sex inequalities. SSM - Population Health, 2022, 17, 101055.	2.7	8
131	Exploring the Links between Diet and Health in an Irish Cohort: A Lipidomic Approach. Journal of Proteome Research, 2017, 16, 1280-1287.	3.7	7
132	A Standardized Strategy for Simultaneous Quantification of Urine Metabolites to Validate Development of a Biomarker Panel Allowing Comprehensive Assessment of Dietary Exposure. Molecular Nutrition and Food Research, 2020, 64, 2000517.	3.3	7
133	Long limb compared with standard limb Roux-en-Y gastric bypass for type 2 diabetes and obesity: the LONG LIMB RCT. Efficacy and Mechanism Evaluation, 2021, 8, 1-54.	0.7	7
134	Whole blood versus red cell concentrates for children with severe anaemia: a secondary analysis of the Transfusion and Treatment of African Children (TRACT) trial. The Lancet Global Health, 2022, 10, e360-e368.	6.3	7
135	Weight gain and insulin sensitivity: a role for the glycaemic index and dietary fibre?. British Journal of Nutrition, 2013, 109, 1539-1541.	2.3	6
136	Identifying crop variants with high resistant starch content to maintain healthy glucose homeostasis. Nutrition Bulletin, 2016, 41, 372-377.	1.8	6
137	Increased peptide YY blood concentrations, not decreased acyl-ghrelin, are associated with reduced hunger and food intake in healthy older women: Preliminary evidence. Appetite, 2016, 105, 320-327.	3.7	6
138	UK Nutrition Research Partnership (NRP) workshop: Forum on advancing dietary intake assessment. Nutrition Bulletin, 2021, 46, 228-237.	1.8	6
139	Gene-diet quality interactions on haemoglobin A1c and type 2 diabetes risk: The Airwave Health Monitoring Study. Endocrinology, Diabetes and Metabolism, 2019, 2, e00074.	2.4	5
140	Food/Non-Food Classification of Real-Life Egocentric Images in Low- and Middle-Income Countries Based on Image Tagging Features. Frontiers in Artificial Intelligence, 2021, 4, 644712.	3.4	5
141	A study protocol for a randomised crossover study evaluating the effect of diets differing in carbohydrate quality on ileal content and appetite regulation in healthy humans. F1000Research, 2019, 8, 258.	1.6	5
142	Modifying Intestinal Integrity and MicroBiome in Severe Malnutrition with Legume-Based Feeds (MIMBLE 2.0): protocol for a phase II refined feed and intervention trial. Wellcome Open Research, 2018, 3, 95.	1.8	4
143	Strategies to ensure continuity of nutritional care in patients with COVID-19 infection on discharge from hospital: A rapid review. Clinical Nutrition ESPEN, 2022, 47, 106-116.	1.2	4
144	Evidence-Based Tools for Dietary Assessments in Nutrition Epidemiology Studies for Dementia Prevention. journal of prevention of Alzheimer's disease, The, 2022, 9, 1-5.	2.7	4

#	ARTICLE	IF	CITATIONS
145	A predictive algorithm for identifying children with sickle cell anemia among children admitted to hospital with severe anemia in Africa. <i>American Journal of Hematology</i> , 2022, 97, 527-536.	4.1	4
146	Does higher quality information improve the attendance rate or treatment outcome of obese patients?. <i>Journal of Human Nutrition and Dietetics</i> , 1995, 8, 137-139.	2.5	3
147	Resection of the large bowel suppresses hunger and food intake and modulates gastrointestinal fermentation. <i>Obesity</i> , 2016, 24, 1723-1730.	3.0	3
148	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020, 58, 102932.	6.1	3
149	Methodology for Objective, Passive, Image- and Sensor-based Assessment of Dietary Intake, Meal-timing, and Food-related Activity in Ghana and Kenya (P13-028-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz036.P13-028-19.	0.3	2
150	Diabetes in general practice setting up a mini-clinic. <i>Practical Diabetes International: the International Journal for Diabetes Care Teams Worldwide</i> , 1990, 7, 179-179.	0.2	1
151	Nutritional Management of the Elderly Person with Diabetes. , 2004, , 147-168.		1
152	Inpatient Nutritional Support of Sick Patients with Diabetes. , 2004, , 215-229.		1
153	The Dietary Management of Diabetic Pregnancies. , 2004, , 91-109.		1
154	Nutritional Recommendations in Diabetes Management. , 2004, , 1-17.		1
155	Corrections to "Predicting Free-Living Energy Expenditure Using a Miniaturized Ear-Worn Sensor: An Evaluation Against Doubly Labeled Water" [Feb 14 566-575]. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 2818-2818.	4.2	1
156	A novel dietary strategy to increase colonic propionate production in humans and improve appetite regulation and bodyweight management. <i>Nutrition Bulletin</i> , 2015, 40, 227-230.	1.8	1
157	Development of a legume-enriched feed for treatment of severe acute malnutrition. <i>Wellcome Open Research</i> , 0, 6, 206.	1.8	1
158	Development of a Rapid and Efficient Magnetic Resonance Imaging Technique for Analysis of Body Fat Distribution. <i>NMR in Biomedicine</i> , 1996, 9, 156-164.	2.8	1
159	Effect of Variations in Amount and Kind of Dietary Fat and Carbohydrate in the Dietary Management of Type 2 Diabetes. , 0, , 189-200.		1
160	Gender Differences in Bile Acid Kinetics After Dietary Challenges. <i>FASEB Journal</i> , 2015, 29, 743.5.	0.5	1
161	Effects of Elevating Colonic Propionate on Liver Fat Content in Adults with Non-Alcoholic Fatty Liver Disease. <i>FASEB Journal</i> , 2015, 29, 385.2.	0.5	1
162	The iHealth-T2D study, prevention of type 2 diabetes amongst South Asians with central obesity and prediabetes: study protocol for a randomised controlled trial. <i>Trials</i> , 2021, 22, 928.	1.6	1

#	ARTICLE	IF	CITATIONS
163	Feasibility of the automatic ingestion monitor (AIM-2) for infant feeding assessment: a pilot study among breast-feeding mothers from Ghana. <i>Public Health Nutrition</i> , 2022, 25, 2897-2907.	2.2	1
164	Dietary treatment of diabetic nephropathy. <i>Practical Diabetes International: the International Journal for Diabetes Care Teams Worldwide</i> , 1993, 10, 160-161.	0.2	0
165	<i>Diabetes and Renal Replacement Therapy</i> . , 2004, , 231-247.		0
166	<i>Obesity and Diabetes</i> . , 2004, , 111-132.		0
167	<i>Nutritional Management of Cardiac Risk Factors in Type 2 Diabetes</i> . , 2004, , 133-145.		0
168	<i>Nutritional Management of Diabetic Renal Transplant Recipients</i> . , 2004, , 249-256.		0
169	<i>Diabetes and Alcohol</i> . , 2004, , 201-214.		0
170	<i>Counselling in Diabetes</i> . , 2004, , 33-44.		0
171	<i>The Role of Carbohydrate in the Management of Diabetes</i> . , 2004, , 169-187.		0
172	<i>Diabetes and Physical Activity</i> . , 2004, , 19-31.		0
173	<i>Dietitian and Diabetic: Thoughts on Working and Living with Diabetes</i> . , 2004, , 45-51.		0
174	<i>The Nutritional Management of Children's Diabetes</i> . , 2004, , 53-84.		0
175	Odd Chain Fatty Acids Are Not Robust Biomarkers for Dietary Intake of Fiber. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100316.	3.3	0
176	<i>An Introduction to Type 2 Diabetes</i> . , 0, , 85-90.		0
177	Increased Colonic Propionate Reduces Anticipatory Food Reward Responses in the Human Striatum. <i>FASEB Journal</i> , 2015, 29, 385.8.	0.5	0
178	A study protocol for a randomised crossover study evaluating the effect of diets differing in carbohydrate quality on ileal content and appetite regulation in healthy humans. <i>F1000Research</i> , 0, 8, 258.	1.6	0
179	OUP accepted manuscript. <i>American Journal of Clinical Nutrition</i> , 2022, , .	4.7	0
180	Title is missing!. , 2020, 17, e1003149.		0

#	ARTICLE	IF	CITATIONS
181	Title is missing!. , 2020, 17, e1003149.		0
182	Title is missing!. , 2020, 17, e1003149.		0
183	Title is missing!. , 2020, 17, e1003149.		0
184	Title is missing!. , 2020, 17, e1003149.		0