

Gary S Frost

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.

176
papers

8,131
citations

41
h-index

88
g-index

192
ext. papers

10,053
ext. citations

7.9
avg, IF

5.85
L-index

#	Paper	IF	Citations
176	Inhibition of food intake in obese subjects by peptide YY3-36. <i>New England Journal of Medicine</i> , 2003 , 349, 941-8	59.2	1291
175	The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. <i>Nature Communications</i> , 2014 , 5, 3611	17.4	781
174	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, 1744-54	19.2	654
173	Oxyntomodulin suppresses appetite and reduces food intake in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4696-701	5.6	355
172	Role of Gut Microbiota-Generated Short-Chain Fatty Acids in Metabolic and Cardiovascular Health. <i>Current Nutrition Reports</i> , 2018 , 7, 198-206	6	271
171	Fasting biases brain reward systems towards high-calorie foods. <i>European Journal of Neuroscience</i> , 2009 , 30, 1625-35	3.5	246
170	Magnetic resonance imaging of total body fat. <i>Journal of Applied Physiology</i> , 1998 , 85, 1778-85	3.7	239
169	Obese patients after gastric bypass surgery have lower brain-hedonic responses to food than after gastric banding. <i>Gut</i> , 2014 , 63, 891-902	19.2	198
168	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, 135-45	7	168
167	Control of appetite and energy intake by SCFA: what are the potential underlying mechanisms?. <i>Proceedings of the Nutrition Society</i> , 2015 , 74, 328-36	2.9	154
166	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	18.1	143
165	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, 748-58	7	139
164	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	19.2	134
163	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, 4330-8	5.6	133
162	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, 669-72	12.7	132
161	Fermentable carbohydrate stimulates FFAR2-dependent colonic PYY cell expansion to increase satiety. <i>Molecular Metabolism</i> , 2017 , 6, 48-60	8.8	127
160	A metabolomic study of biomarkers of meat and fish intake. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 600-608	7	115

159	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	6.7	110
158	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	7	103
157	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	7	100
156	Impact of resistant starch on body fat patterning and central appetite regulation. <i>PLoS ONE</i> , 2007 , 2, e1309	3.7	96
155	Development of a UK Online 24-h Dietary Assessment Tool: myfood24. <i>Nutrients</i> , 2015 , 7, 4016-32	6.7	87
154	Ghrelin mimics fasting to enhance human hedonic, orbitofrontal cortex, and hippocampal responses to food. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 1319-30	7	86
153	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, 574-84	3.6	76
152	Short-chain fatty acids as potential regulators of skeletal muscle metabolism and function. <i>Nature Metabolism</i> , 2020 , 2, 840-848	14.6	66
151	Wholegrain cereals for coronary heart disease. <i>Cochrane Database of Systematic Reviews</i> , 2007 , CD005051		65
150	An Intelligent Food-Intake Monitoring System Using Wearable Sensors 2012 ,		64
149	Longitudinal Multi-omics Reveals Subset-Specific Mechanisms Underlying Irritable Bowel Syndrome. <i>Cell</i> , 2020 , 182, 1460-1473.e17	56.2	63
148	The impact of oligofructose on stimulation of gut hormones, appetite regulation and adiposity. <i>Obesity</i> , 2014 , 22, 1430-8	8	60
147	Fermentable carbohydrate alters hypothalamic neuronal activity and protects against the obesogenic environment. <i>Obesity</i> , 2012 , 20, 1016-23	8	56
146	Differential effects of two fermentable carbohydrates on central appetite regulation and body composition. <i>PLoS ONE</i> , 2012 , 7, e43263	3.7	56
145	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	6.7	55
144	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	4.5	52
143	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	6.7	49
142	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	14.6	47

141	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, 1415-22	3.7	46
140	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	11.4	43
139	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	6.7	43
138	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	6.7	42
137	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	5.9	41
136	Immediate Transfusion in African Children with Uncomplicated Severe Anemia. <i>New England Journal of Medicine</i> , 2019 , 381, 407-419	59.2	41
135	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, 1132-42	10.3	39
134	Identifying unknown metabolites using NMR-based metabolic profiling techniques. <i>Nature Protocols</i> , 2020 , 15, 2538-2567	18.8	38
133	An Analytical Pipeline for Quantitative Characterization of Dietary Intake: Application To Assess Grape Intake. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2423-31	5.7	38
132	Total, insoluble and soluble dietary fibre intake in relation to blood pressure: the INTERMAP Study. <i>British Journal of Nutrition</i> , 2015 , 114, 1480-6	3.6	36
131	Prebiotics Modulate the Effects of Antibiotics on Gut Microbial Diversity and Functioning in Vitro. <i>Nutrients</i> , 2015 , 7, 4480-97	6.7	35
130	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, 360-74	3.6	35
129	Integrated Analytical and Statistical Two-Dimensional Spectroscopy Strategy for Metabolite Identification: Application to Dietary Biomarkers. <i>Analytical Chemistry</i> , 2017 , 89, 3300-3309	7.8	34
128	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	4.6	34
127	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, 160-7	3.6	34
126	Obesity impacts on general practice appointments. <i>Obesity</i> , 2005 , 13, 1442-9		33
125	Development of a New Branded UK Food Composition Database for an Online Dietary Assessment Tool. <i>Nutrients</i> , 2016 , 8,	6.7	33
124	Modulation of the Gut Microbiota by Olive Oil Phenolic Compounds: Implications for Lipid Metabolism, Immune System, and Obesity. <i>Nutrients</i> , 2020 , 12,	6.7	29

123	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	0.9	28
122	Validation of the Oxford WebQ Online 24-Hour Dietary Questionnaire Using Biomarkers. <i>American Journal of Epidemiology</i> , 2019 , 188, 1858-1867	3.8	28
121	Transfusion Volume for Children with Severe Anemia in Africa. <i>New England Journal of Medicine</i> , 2019 , 381, 420-431	59.2	27
120	Low glycaemic index diets for the prevention of cardiovascular disease. <i>The Cochrane Library</i> , 2017 , 7, CD004467	5.2	25
119	Determinants of postprandial plasma bile acid kinetics in human volunteers. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, G300-G312	5.1	25
118	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	4.5	24
117	Impacts of plant-based foods in ancestral hominin diets on the metabolism and function of gut microbiota in vitro. <i>MBio</i> , 2014 , 5, e00853-14	7.8	21
116	Estimation of Chicken Intake by Adults Using Metabolomics-Derived Markers. <i>Journal of Nutrition</i> , 2017 , 147, 1850-1857	4.1	20
115	Development of a rapid and efficient magnetic resonance imaging technique for analysis of body fat distribution. <i>NMR in Biomedicine</i> , 1996 , 9, 156-64	4.4	20
114	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,	6.7	20
113	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, 566-75	5	19
112	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, 444-57	5.9	19
111	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 Study). <i>BMJ Open</i> , 2017 , 7, e012927	3	18
110	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	11.6	18
109	Interaction of PPARG Pro12Ala with dietary fat influences plasma lipids in subjects at cardiometabolic risk. <i>Journal of Lipid Research</i> , 2011 , 52, 2298-2303	6.3	18
108	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	6.5	17
107	Effect of energy restriction and physical exercise intervention on phenotypic flexibility as examined by transcriptomics analyses of mRNA from adipose tissue and whole body magnetic resonance imaging. <i>Physiological Reports</i> , 2016 , 4, e13019	2.6	17
106	Exploration of muscle loss and metabolic state during prolonged critical illness: Implications for intervention?. <i>PLoS ONE</i> , 2019 , 14, e0224565	3.7	16

105	The effect of dietary glycemic index on weight maintenance in overweight subjects: a pilot study. <i>Obesity</i> , 2009 , 17, 396-401	8	16
104	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	4.1	15
103	Adherence to NICE guidelines on diabetes prevention in the UK: Effect on patient knowledge and perceived risk. <i>Primary Care Diabetes</i> , 2015 , 9, 407-11	2.4	15
102	Nutriome-metabolome relationships provide insights into dietary intake and metabolism. <i>Nature Food</i> , 2020 , 1, 426-436	14.4	15
101	The role of metabonomics as a tool for augmenting nutritional information in epidemiological studies. <i>Electrophoresis</i> , 2013 , 34, 2776-86	3.6	15
100	Engaging patients, clinicians and health funders in weight management: the Counterweight Programme. <i>Family Practice</i> , 2008 , 25 Suppl 1, i79-86	1.9	15
99	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	14.4	15
98	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	10.3	14
97	Dietary metabotype modelling predicts individual responses to dietary interventions. <i>Nature Food</i> , 2020 , 1, 355-364	14.4	14
96	Lack of weight recording in patients being administered narrow therapeutic index antibiotics: a prospective cross-sectional study. <i>BMJ Open</i> , 2015 , 5, e006092	3	14
95	A randomized controlled trial for overweight and obesity in preschoolers: the More and Less Europe study – an intervention within the STOP project. <i>BMC Public Health</i> , 2019 , 19, 945	4.1	13
94	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,	6.7	12
93	Low-energy total diet replacement intervention in patients with type 2 diabetes mellitus and obesity treated with insulin: a randomized trial. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	12
92	Regulation of energy expenditure and substrate oxidation by short-chain fatty acids. <i>Journal of Endocrinology</i> , 2019 , 242, R1-R8	4.7	12
91	Validation of triple pass 24-hour dietary recall in Ugandan children by simultaneous weighed food assessment. <i>BMC Nutrition</i> , 2016 , 2,	2.5	12
90	Carbohydrate and human health: is it all about quality?. <i>Lancet, The</i> , 2019 , 393, 384-386	4.0	12
89	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	5.2	12
88	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. <i>Nutrients</i> , 2019 , 11,	6.7	11

87	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. <i>British Journal of Nutrition</i> , 2018 , 119, 695-705	3.6	10
86	Antimicrobial therapy in obesity: a multicentre cross-sectional study. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 2906-12	5.1	10
85	The Relationship between Fish Intake and Urinary Trimethylamine-N-Oxide. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1900799	5.9	10
84	Effects of mycoprotein on glycaemic control and energy intake in humans: a systematic review. <i>British Journal of Nutrition</i> , 2020 , 123, 1321-1332	3.6	9
83	Cationic lipid-based nanoparticles mediate functional delivery of acetate to tumor cells in vivo leading to significant anticancer effects. <i>International Journal of Nanomedicine</i> , 2017 , 12, 6677-6685	7.3	9
82	Information provision for antibacterial dosing in the obese patient: a sizeable absence?. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 3588-3592	5.1	9
81	Breeding low-glycemic index barley for functional food. <i>Field Crops Research</i> , 2013 , 154, 31-39	5.5	9
80	Co-trimoxazole or multivitamin multimineral supplement for post-discharge outcomes after severe anaemia in African children: a randomised controlled trial. <i>The Lancet Global Health</i> , 2019 , 7, e1435-e1447	13.6	8
79	Short Chain Fatty Acids Enhance Expression and Activity of the Umami Taste Receptor in Enteroendocrine Cells via a GIP Pathway. <i>Frontiers in Nutrition</i> , 2020 , 7, 568991	6.2	8
78	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	10.6	8
77	The effect of L-rhamnose on intestinal transit time, short chain fatty acids and appetite regulation: a pilot human study using combined CO/H breath tests. <i>Journal of Breath Research</i> , 2018 , 12, 046006	3.1	7
76	Variation in the FFAR1 gene modifies BMI, body composition and beta-cell function in overweight subjects: an exploratory analysis. <i>PLoS ONE</i> , 2011 , 6, e19146	3.7	7
75	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	12.7	7
74	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	14.6	7
73	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021 , 44, 511-518	14.6	6
72	Healthy Foods and Healthy Diets. How Government Policies Can Steer Food Reformulation. <i>Nutrients</i> , 2020 , 12,	6.7	6
71	Long Term Exposure to a Grape Seed Proanthocyanidin Extract Enhances L-Cell Differentiation in Intestinal Organoids. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000303	5.9	5
70	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, 142-9	4.5	5

69	Gene-diet quality interactions on haemoglobin A1c and type 2 diabetes risk: The Airwave Health Monitoring Study. <i>Endocrinology, Diabetes and Metabolism</i> , 2019 , 2, e00074	2.7	5
68	Weight gain and insulin sensitivity: a role for the glycaemic index and dietary fibre?. <i>British Journal of Nutrition</i> , 2013 , 109, 1539-41	3.6	5
67	Chemical biology of noncanonical G protein-coupled receptor signaling: Toward advanced therapeutics. <i>Current Opinion in Chemical Biology</i> , 2020 , 56, 98-110	9.7	5
66	A UK survey of nutritional care pathways for patients with COVID-19 prior to and post-hospital stay. <i>Journal of Human Nutrition and Dietetics</i> , 2021 , 34, 660-669	3.1	5
65	Enhanced triacylglycerol catabolism by carboxylesterase 1 promotes aggressive colorectal carcinoma. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	5
64	Exploring the Links between Diet and Health in an Irish Cohort: A Lipidomic Approach. <i>Journal of Proteome Research</i> , 2017 , 16, 1280-1287	5.6	4
63	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	10.3	4
62	Investigating the Role of Diet and Exercise in Gut Microbe-Host Cometabolism. <i>MSystems</i> , 2020 , 5,	7.6	4
61	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. <i>Sports Medicine</i> , 2021 , 51, 1949-1966	10.6	4
60	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	7.8	4
59	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> , 2021 , 1-10	3.6	4
58	Long limb compared with standard limb Roux-en-Y gastric bypass for type 2 diabetes and obesity: the LONG LIMB RCT. <i>Efficacy and Mechanism Evaluation</i> , 2021 , 8, 1-54	1.7	4
57	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	0.4	3
56	Increased peptide YY blood concentrations, not decreased acyl-ghrelin, are associated with reduced hunger and food intake in healthy older women: Preliminary evidence. <i>Appetite</i> , 2016 , 105, 320-325	4.5	3
55	Measuring phenotypic flexibility by transcriptome time-course analyses during challenge tests before and after energy restriction. <i>FASEB Journal</i> , 2019 , 33, 10280-10290	0.9	3
54	A Standardized Strategy for Simultaneous Quantification of Urine Metabolites to Validate Development of a Biomarker Panel Allowing Comprehensive Assessment of Dietary Exposure. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000517	5.9	3
53	Effect of ultraprocessed food intake on cardiometabolic risk is mediated by diet quality: a cross-sectional study. <i>BMJ Nutrition, Prevention and Health</i> , 2021 , 4, 174-180	6.7	3
52	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	7	3

51	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	7	3
50	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 ,	10.3	3
49	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	5.1	3
48	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> , 2019 , 8, 258	3.6	2
47	Modifying intestinal integrity and microbiome in Severe Malnutrition with Gume-Based Feeds (MIMBLE 2.0): protocol for a phase II refined feed and intervention trial. <i>Wellcome Open Research</i> , 2018 , 3, 95	4.8	2
46	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020 , 58, 102932	8.8	2
45	Minor changes in fibre intake in the UK population between 2008/2009 and 2016/2017. <i>European Journal of Clinical Nutrition</i> , 2021 ,	5.2	2
44	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	4.1	2
43	Resection of the large bowel suppresses hunger and food intake and modulates gastrointestinal fermentation. <i>Obesity</i> , 2016 , 24, 1723-30	8	2
42	Food environments and obesity: A geospatial analysis of the South Asia Biobank, income and sex inequalities.. <i>SSM - Population Health</i> , 2022 , 17, 101055	3.8	2
41	Food environment and diabetes mellitus in South Asia: A geospatial analysis of health outcome data.. <i>PLoS Medicine</i> , 2022 , 19, e1003970	11.6	2
40	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	5	1
39	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	3.1	1
38	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		1
37	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	18	1
36	Effect of Variations in Amount and Kind of Dietary Fat and Carbohydrate in the Dietary Management of Type 2 Diabetes 189-200		1
35	Gender Differences in Bile Acid Kinetics After Dietary Challenges. <i>FASEB Journal</i> , 2015 , 29, 743.5	0.9	1
34	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	0.9	1

33	Food/Non-Food Classification of Real-Life Egocentric Images in Low- and Middle-Income Countries Based on Image Tagging Features. <i>Frontiers in Artificial Intelligence</i> , 2021 , 4, 644712	3	1
32	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	18	1
31	Development of a Rapid and Efficient Magnetic Resonance Imaging Technique for Analysis of Body Fat Distribution 1996 , 9, 156		1
30	Whole blood versus red cell concentrates for children with severe anaemia: a secondary analysis of the Transfusion and Treatment of African Children (TRACT) trial.. <i>The Lancet Global Health</i> , 2022 , 10, e360-e368	13.6	1
29	Nutritional Recommendations in Diabetes Management 2004 , 1-17		0
28	Evidence-Based Tools for Dietary Assessments in Nutrition Epidemiology Studies for Dementia Prevention.. <i>journal of prevention of Alzheimer disease, The</i> , 2022 , 9, 49-53	3.8	0
27	Strategies to ensure continuity of nutritional care in patients with COVID-19 infection on discharge from hospital: A rapid review.. <i>Clinical Nutrition ESPEN</i> , 2022 , 47, 106-116	1.3	0
26	Diabetes and Renal Replacement Therapy 2004 , 231-247		
25	Nutritional Management of the Elderly Person with Diabetes 2004 , 147-168		
24	Inpatient Nutritional Support of Sick Patients with Diabetes 2004 , 215-229		
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22	Nutritional Management of Cardiac Risk Factors in Type 2 Diabetes 2004 , 133-145		
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