

Gary S Frost

List of Publications by Year in descending order

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Version: 2024-02-01

183
papers

11,763
citations

50170

46
h-index

30848

102
g-index

193
all docs

193
docs citations

193
times ranked

13901
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	11
2	The association of mycoprotein-based food consumption with diet quality, energy intake and non-communicable diseasesâ€™ risk in the UK adult population using the National Diet and Nutrition Survey (NDNS) years 2008/2009â€“2016/2017: a cross-sectional study. <i>British Journal of Nutrition</i> , 2022, 127, 1685-1694.	1.2	13
3	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.	0.5	4
4	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.	3.3	39
5	Evidence-Based Tools for Dietary Assessments in Nutrition Epidemiology Studies for Dementia Prevention. <i>Journal of prevention of Alzheimer's disease, The</i> , 2022, 9, 1-5.	1.5	4
6	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.	2.0	4
7	A Novel Approach to Dining Bowl Reconstruction for Image-Based Food Volume Estimation. <i>Sensors</i> , 2022, 22, 1493.	2.1	8
8	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.	2.9	7
9	Food environments and obesity: A geospatial analysis of the South Asia Biobank, income and sex inequalities. <i>SSM - Population Health</i> , 2022, 17, 101055.	1.3	8
10	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.	1.8	23
11	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.	2.2	15
12	OUP accepted manuscript. <i>American Journal of Clinical Nutrition</i> , 2022, , .	2.2	0
13	Food environment and diabetes mellitus in South Asia: A geospatial analysis of health outcome data. <i>PLoS Medicine</i> , 2022, 19, e1003970.	3.9	9
14	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.	1.1	1
15	Low glycaemic index diets for the prevention of cardiovascular disease. <i>The Cochrane Library</i> , 2021, 2021, CD004467.	1.5	34
16	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.	3.1	34
17	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.	4.3	14
18	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.	0.9	7

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19	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.	2.0	5
20	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.	1.9	19
21	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.	3.1	16
22	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.	2.2	22
23	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.	3.3	14
24	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.	2.2	23
25	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.	1.3	8
26	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.	0.9	15
27	Enhanced triacylglycerol catabolism by carboxylesterase 1 promotes aggressive colorectal carcinoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	25
28	UK Nutrition Research Partnership (NRP) workshop: Forum on advancing dietary intake assessment. <i>Nutrition Bulletin</i> , 2021, 46, 228-237.	0.8	6
29	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.	1.2	9
30	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.	2.9	34
31	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021, 44, 511-518.	4.3	16
32	Odd Chain Fatty Acids Are Not Robust Biomarkers for Dietary Intake of Fiber. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100316.	1.5	0
33	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.	0.7	1
34	The Relationship between Fish Intake and Urinary Trimethylamine-N-Oxide. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900799.	1.5	22
35	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.	1.5	10
36	Longitudinal Multi-omics Reveals Subset-Specific Mechanisms Underlying Irritable Bowel Syndrome. <i>Cell</i> , 2020, 182, 1460-1473.e17.	13.5	217

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37	Healthy Foods and Healthy Diets. How Government Policies Can Steer Food Reformulation. <i>Nutrients</i> , 2020, 12, 1992.	1.7	35
38	Identifying unknown metabolites using NMR-based metabolic profiling techniques. <i>Nature Protocols</i> , 2020, 15, 2538-2567.	5.5	69
39	Short Chain Fatty Acids Enhance Expression and Activity of the Umami Taste Receptor in Enteroendocrine Cells via a G α i/o Pathway. <i>Frontiers in Nutrition</i> , 2020, 7, 568991.	1.6	17
40	Investigating the Role of Diet and Exercise in Gut Microbe-Host Cometabolism. <i>MSystems</i> , 2020, 5, .	1.7	11
41	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020, 58, 102932.	2.7	3
42	Modulation of the Gut Microbiota by Olive Oil Phenolic Compounds: Implications for Lipid Metabolism, Immune System, and Obesity. <i>Nutrients</i> , 2020, 12, 2200.	1.7	48
43	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.	6.2	37
44	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, 2000517.	1.5	7
45	Nutriomeâ€™metabolome relationships provide insights into dietary intake and metabolism. <i>Nature Food</i> , 2020, 1, 426-436.	6.2	41
46	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.	3.9	47
47	Short-chain fatty acids as potential regulators of skeletal muscle metabolism and function. <i>Nature Metabolism</i> , 2020, 2, 840-848.	5.1	194
48	Long Term Exposure to a Grape Seed Proanthocyanidin Extract Enhances Lâ€™Cell Differentiation in Intestinal Organoids. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000303.	1.5	17
49	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.	0.1	15
50	Effects of mycoprotein on glycaemic control and energy intake in humans: a systematic review. <i>British Journal of Nutrition</i> , 2020, 123, 1321-1332.	1.2	23
51	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.	2.9	12
52	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, e001012.	1.2	20
53	Chemical biology of noncanonical G proteinâ€™coupled receptor signaling: Towardâ€™advanced therapeutics. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 98-110.	2.8	15
54	Title is missing!. , 2020, 17, e1003149.		0

#	ARTICLE	IF	CITATIONS
55	Title is missing!. , 2020, 17, e1003149.		0
56	Title is missing!. , 2020, 17, e1003149.		0
57	Title is missing!. , 2020, 17, e1003149.		0
58	Title is missing!. , 2020, 17, e1003149.		0
59	The effects of dietary supplementation with inulin and inulinâ€propionate ester on hepatic steatosis in adults with nonâ€alcoholic fatty liver disease. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 372-376.	2.2	73
60	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, 1839.	1.7	21
61	A randomized controlled trial for overweight and obesity in preschoolers: the More and Less Europe studyÂ- an intervention within the STOP project. <i>BMC Public Health</i> , 2019, 19, 945.	1.2	25
62	Validation of the Oxford WebQ Online 24-Hour Dietary Questionnaire Using Biomarkers. <i>American Journal of Epidemiology</i> , 2019, 188, 1858-1867.	1.6	109
63	Measuring phenotypic flexibility by transcriptome timeâ€course analyses during challenge tests before and after energy restriction. <i>FASEB Journal</i> , 2019, 33, 10280-10290.	0.2	9
64	Transfusion Volume for Children with Severe Anemia in Africa. <i>New England Journal of Medicine</i> , 2019, 381, 420-431.	13.9	49
65	Immediate Transfusion in African Children with Uncomplicated Severe Anemia. <i>New England Journal of Medicine</i> , 2019, 381, 407-419.	13.9	64
66	Geneâ€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.	1.0	5
67	Exploration of muscle loss and metabolic state during prolonged critical illness: Implications for intervention?. <i>PLoS ONE</i> , 2019, 14, e0224565.	1.1	36
68	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.	2.9	21
69	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.	2.9	22
70	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.	0.1	2
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.	1.3	31
72	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.	4.3	84

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73	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.	1.7	25
74	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.	6.1	235
75	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.	2.2	67
76	Carbohydrate and human health: is it all about quality?. <i>Lancet, The</i> , 2019, 393, 384-386.	6.3	19
77	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.	0.8	5
78	Regulation of energy expenditure and substrate oxidation by short-chain fatty acids. <i>Journal of Endocrinology</i> , 2019, 242, R1-R8.	1.2	31
79	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.	1.2	15
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.	1.8	24
81	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.	2.2	80
82	Role of Gut Microbiota-Generated Short-Chain Fatty Acids in Metabolic and Cardiovascular Health. <i>Current Nutrition Reports</i> , 2018, 7, 198-206.	2.1	425
83	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.	1.7	32
84	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.	0.2	54
85	The effect of L-rhamnose on intestinal transit time, short chain fatty acids and appetite regulation: a pilot human study using combined $^{13}\text{CO}_2/\text{H}_2$ breath tests. <i>Journal of Breath Research</i> , 2018, 12, 046006.	1.5	15
86	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.	2.3	82
87	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. <i>Wellcome Open Research</i> , 2018, 3, 95.	0.9	4
88	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.	5.5	194
89	A metabolomic study of biomarkers of meat and fish intake. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 600-608.	2.2	156
90	Integrated Analytical and Statistical Two-Dimensional Spectroscopy Strategy for Metabolite Identification: Application to Dietary Biomarkers. <i>Analytical Chemistry</i> , 2017, 89, 3300-3309.	3.2	46

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91	Exploring the Links between Diet and Health in an Irish Cohort: A Lipidomic Approach. <i>Journal of Proteome Research</i> , 2017, 16, 1280-1287.	1.8	7
92	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.	2.2	83
93	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.	1.5	58
94	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, K Overlook 10 Tf 50</i>		
95	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.	1.8	31
96	Estimation of Chicken Intake by Adults Using Metabolomics-Derived Markers. <i>Journal of Nutrition</i> , 2017, 147, 1850-1857.	1.3	28
97	Determinants of postprandial plasma bile acid kinetics in human volunteers. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G300-G312.	1.6	38
98	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.	2.2	186
99	Fermentable carbohydrate stimulates FFAR2-dependent colonic PYY cell expansion to increase satiety. <i>Molecular Metabolism</i> , 2017, 6, 48-60.	3.0	179
100	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, Volume 12, 6677-6685.	3.3	16
101	Development of a New Branded UK Food Composition Database for an Online Dietary Assessment Tool. <i>Nutrients</i> , 2016, 8, 480.	1.7	51
102	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.	1.5	28
103	Validation of triple pass 24-hour dietary recall in Ugandan children by simultaneous weighed food assessment. <i>BMC Nutrition</i> , 2016, 2, .	0.6	21
104	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.	0.7	21
105	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.	1.2	58
106	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.	1.2	49
107	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.	2.2	145
108	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.	2.4	48

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109	Resection of the large bowel suppresses hunger and food intake and modulates gastrointestinal fermentation. <i>Obesity</i> , 2016, 24, 1723-1730.	1.5	3
110	Information provision for antibacterial dosing in the obese patient: a sizeable absence?. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3588-3592.	1.3	12
111	Identifying crop variants with high resistant starch content to maintain healthy glucose homeostasis. <i>Nutrition Bulletin</i> , 2016, 41, 372-377.	0.8	6
112	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, 320-327.	1.8	6
113	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.	1.0	31
114	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.	1.8	11
115	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.	1.2	61
116	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.	1.3	53
117	Lack of weight recording in patients being administered narrow therapeutic index antibiotics: a prospective cross-sectional study. <i>BMJ Open</i> , 2015, 5, e006092-e006092.	0.8	17
118	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.	0.8	1
119	Development of a UK Online 24-h Dietary Assessment Tool: myfood24. <i>Nutrients</i> , 2015, 7, 4016-4032.	1.7	130
120	Prebiotics Modulate the Effects of Antibiotics on Gut Microbial Diversity and Functioning in Vitro. <i>Nutrients</i> , 2015, 7, 4480-4497.	1.7	55
121	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.	0.4	216
122	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.	1.2	86
123	Antimicrobial therapy in obesity: a multicentre cross-sectional study. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2906-2912.	1.3	10
124	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.	0.9	22
125	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.	1.2	67
126	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.	2.2	134

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127	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.	6.1	950
128	Gender Differences in Bile Acid Kinetics After Dietary Challenges. <i>FASEB Journal</i> , 2015, 29, 743.5.	0.2	1
129	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.	0.2	1
130	Increased Colonic Propionate Reduces Anticipatory Food Reward Responses in the Human Striatum. <i>FASEB Journal</i> , 2015, 29, 385.8.	0.2	0
131	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.	2.5	1
132	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.	1.8	27
133	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.	2.2	116
134	Obese patients after gastric bypass surgery have lower brain-hedonic responses to food than after gastric banding. <i>Gut</i> , 2014, 63, 891-902.	6.1	234
135	The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. <i>Nature Communications</i> , 2014, 5, 3611.	5.8	1,129
136	The impact of oligofructose on stimulation of gut hormones, appetite regulation and adiposity. <i>Obesity</i> , 2014, 22, 1430-1438.	1.5	73
137	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.	2.5	23
138	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.	2.9	48
139	The role of metabonomics as a tool for augmenting nutritional information in epidemiological studies. <i>Electrophoresis</i> , 2013, 34, 2776-2786.	1.3	16
140	Breeding low-glycemic index barley for functional food. <i>Field Crops Research</i> , 2013, 154, 31-39.	2.3	17
141	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.	1.8	61
142	Weight gain and insulin sensitivity: a role for the glycaemic index and dietary fibre?. <i>British Journal of Nutrition</i> , 2013, 109, 1539-1541.	1.2	6
143	Fermentable Carbohydrate Alters Hypothalamic Neuronal Activity and Protects Against the Obesogenic Environment. <i>Obesity</i> , 2012, 20, 1016-1023.	1.5	72
144	An Intelligent Food-Intake Monitoring System Using Wearable Sensors. , 2012, , .		83

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145	Differential Effects of Two Fermentable Carbohydrates on Central Appetite Regulation and Body Composition. PLoS ONE, 2012, 7, e43263.	1.1	66
146	Variation in the FFAR1 Gene Modifies BMI, Body Composition and Beta-Cell Function in Overweight Subjects: An Exploratory Analysis. PLoS ONE, 2011, 6, e19146.	1.1	8
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