Michael J Gibney

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.

171 papers	6,624 citations	44 h-index	74 g-index
182 ext. papers	7,634 ext. citations	4.6 avg, IF	5.85 L-index

#	Paper	IF	Citations
171	Metabolomics in human nutrition: opportunities and challenges. *American Journal of Clinical Nutrition*, **2005**, 82, 497-503	7	307
170	Metabolomics in human nutrition: opportunities and challenges. *American Journal of Clinical Nutrition*, **2005**, 82, 497-503	7	293
169	Distribution and determinants of sedentary lifestyles in the European Union. *International Journal of Epidemiology*, **2003**, 32, 138-46	7.8	261
168	Effect of acute dietary standardization on the urinary, plasma, and salivary metabolomic profiles of healthy humans. *American Journal of Clinical Nutrition*, **2006**, 84, 531-9	7	241
167	Dietary intake patterns are reflected in metabolomic profiles: potential role in dietary assessment studies. *American Journal of Clinical Nutrition*, **2011**, 93, 314-21	7	217
166	The effect of dietary supplementation using isomeric blends of conjugated linoleic acid on lipid metabolism in healthy human subjects. *British Journal of Nutrition*, **2002**, 88, 243-51	3.6	187
165	Isomer-dependent metabolic effects of conjugated linoleic acid: insights from molecular markers sterol regulatory element-binding protein-1c and LXRalpha. *Diabetes*, **2002**, 51, 2037-44	0.9	153
164	Effect of personalized nutrition on health-related behaviour change: evidence from the Food4Me European randomized controlled trial. *International Journal of Epidemiology*, **2017**, 46, 578-588	7.8	138
163	Effect of long-chain n-3 polyunsaturated fatty acids on fasting and postprandial triacylglycerol metabolism. *American Journal of Clinical Nutrition*, **2000**, 71, 232S-7S	7	133
162	Evaluation of Vitamin D Standardization Program protocols for standardizing serum 25-hydroxyvitamin D data: a case study of the programs potential for national nutrition and health surveys. *American Journal of Clinical Nutrition*, **2013**, 97, 1235-42	7	118
161	Influence of acute phytochemical intake on human urinary metabolomic profiles. *American Journal of Clinical Nutrition*, **2007**, 86, 1687-93	7	116
160	The case for strategic international alliances to harness nutritional genomics for public and personal health. *British Journal of Nutrition*, **2005**, 94, 623-32	3.6	112
159	Online dietary intake estimation: reproducibility and validity of the Food4Me food frequency questionnaire against a 4-day weighed food record. *Journal of Medical Internet Research*, **2014**, 16, e190	7.6	112
158	The metabolic syndrome: the crossroads of diet and genetics. *Proceedings of the Nutrition Society*, **2005**, 64, 371-7	2.9	111
157	Design and baseline characteristics of the Food4Me study: a web-based randomised controlled trial of personalised nutrition in seven European countries. *Genes and Nutrition*, **2015**, 10, 450	4.3	109
156	Perceived benefits and barriers to physical activity in a nationally representative sample in the European Union. *Public Health Nutrition*, **1999**, 2, 153-60	3.3	104
155	Ultra-processed foods in human health: a critical appraisal. *American Journal of Clinical Nutrition*, **2017**, 106, 717-724	7	94

154	Vitamin D status of Irish adults: findings from the National Adult Nutrition Survey. *British Journal of Nutrition*, **2013**, 109, 1248-56	3.6	91
153	The impact of postprandial lipemia in accelerating atherothrombosis. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2000**, 7, 317-24		88
152	Online dietary intake estimation: the Food4Me food frequency questionnaire. *Journal of Medical Internet Research*, **2014**, 16, e150	7.6	88
151	Influence of acute phytochemical intake on human urinary metabolomic profiles. *American Journal of Clinical Nutrition*, **2007**, 86, 1687-1693	7	85
150	The potential role of vitamin D enhanced foods in improving vitamin D status. *Nutrients*, **2011**, 3, 1023-41	6.7	79
149	Food4Me study: Validity and reliability of Food Choice Questionnaire in 9 European countries. *Food Quality and Preference*, **2015**, 45, 26-32	5.8	78
148	Comparison of cluster and principal component analysis techniques to derive dietary patterns in Irish adults. *British Journal of Nutrition*, **2009**, 101, 598-608	3.6	77
147	Proposed guidelines to evaluate scientific validity and evidence for genotype-based dietary advice. *Genes and Nutrition*, **2017**, 12, 35	4.3	72
146	The future direction of personalised nutrition: my diet, my phenotype, my genes. *Proceedings of the Nutrition Society*, **2013**, 72, 219-25	2.9	71
145	Attitudes toward genetic testing and personalised nutrition in a representative sample of European consumers. *British Journal of Nutrition*, **2009**, 101, 982-9	3.6	70
144	Evaluation of New Technology-Based Tools for Dietary Intake Assessment-An ILSI Europe Dietary Intake and Exposure Task Force Evaluation. *Nutrients*, **2018**, 11,	6.7	69
143	Ultra-Processed Foods: Definitions and Policy Issues. *Current Developments in Nutrition*, **2019**, 3, nzy077	0.4	68
142	Biochemical and metabolomic phenotyping in the identification of a vitamin D responsive metabotype for markers of the metabolic syndrome. *Molecular Nutrition and Food Research*, **2011**, 55, 679-90	5.9	66
141	The effect of test meal monounsaturated fatty acid: saturated fatty acid ratio on postprandial lipid metabolism. *British Journal of Nutrition*, **1998**, 79, 419-24	3.6	62
140	Personalised nutrition: status and perspectives. *British Journal of Nutrition*, **2007**, 98, 26-31	3.6	61
139	Alterations in hepatic one-carbon metabolism and related pathways following a high-fat dietary intervention. *Physiological Genomics*, **2011**, 43, 408-16	3.6	59
138	The relationship between BMI and metabolomic profiles: a focus on amino acids. *Proceedings of the Nutrition Society*, **2012**, 71, 634-8	2.9	58
137	Breakfast in Human Nutrition: The International Breakfast Research Initiative. *Nutrients*, **2018**, 10,	6.7	57

136	Identification of differential responses to an oral glucose tolerance test in healthy adults. *PLoS ONE* , **2013**, 8, e72890	3.7	55
135	Leptin receptor polymorphisms interact with polyunsaturated fatty acids to augment risk of insulin resistance and metabolic syndrome in adults. *Journal of Nutrition*, **2010**, 140, 238-44	4.1	51
134	A metabolomics approach to the identification of biomarkers of sugar-sweetened beverage intake. *American Journal of Clinical Nutrition*, **2015**, 101, 471-7	7	49
133	Long-chain n-3 polyunsaturated fatty acids and triacylglycerol metabolism in the postprandial state. *Lipids*, **1999**, 34 Suppl, S259-65	1.6	49
132	Effect of an Internet-based, personalized nutrition randomized trial on dietary changes associated with the Mediterranean diet: the Food4Me Study. *American Journal of Clinical Nutrition*, **2016**, 104, 288-97	7	49
131	Gene-nutrient interactions with dietary fat modulate the association between genetic variation of the ACSL1 gene and metabolic syndrome. *Journal of Lipid Research*, **2010**, 51, 1793-800	6.3	48
130	Postprandial coagulation factor VII activity: the effect of monounsaturated fatty acids. *British Journal of Nutrition*, **1997**, 77, 537-49	3.6	48
129	Impact of voluntary fortification and supplement use on dietary intakes and biomarker status of folate and vitamin B-12 in Irish adults. *American Journal of Clinical Nutrition*, **2015**, 101, 1163-72	7	47
128	Relationship between the lipidome, inflammatory markers and insulin resistance. *Molecular BioSystems*, **2014**, 10, 1586-95		47
127	A framework for food-based dietary guidelines in the European Union. *Public Health Nutrition*, **2001** , 4, 293-305	3.3	44
126	The challenges for molecular nutrition research 2: quantification of the nutritional phenotype. *Genes and Nutrition*, **2008**, 3, 51-9	4.3	43
125	Demonstration of the utility of biomarkers for dietary intake assessment; proline betaine as an example. *Molecular Nutrition and Food Research*, **2017**, 61, 1700037	5.9	41
124	Analysis of meal patterns with the use of supervised data mining techniques--artificial neural networks and decision trees. *American Journal of Clinical Nutrition*, **2008**, 88, 1632-42	7	41
123	Can genetic-based advice help you lose weight? Findings from the Food4Me European randomized controlled trial. *American Journal of Clinical Nutrition*, **2017**, 105, 1204-1213	7	40
122	High-Density Lipoprotein Proteomic Composition, and not Efflux Capacity, Reflects Differential Modulation of Reverse Cholesterol Transport by Saturated and Monounsaturated Fat Diets. *Circulation*, **2016**, 133, 1838-50	16.7	40
121	Diabetes-related nutrition knowledge and dietary intake among adults with type 2 diabetes. *British Journal of Nutrition*, **2015**, 114, 439-47	3.6	39
120	The challenges for molecular nutrition research 1: linking genotype to healthy nutrition. *Genes and Nutrition*, **2008**, 3, 41-9	4.3	39
119	The relationship between aerobic fitness level and metabolic profiles in healthy adults. *Molecular Nutrition and Food Research*, **2013**, 57, 1246-54	5.9	38

118	Irish consumersRuse and perception of nutrition and health claims. *Public Health Nutrition*, **2011**, 14, 2213-9	3.3	38
117	A low-fat, high-complex carbohydrate diet supplemented with long-chain (n-3) fatty acids alters the postprandial lipoprotein profile in patients with metabolic syndrome. *Journal of Nutrition*, **2010**, 140, 1595-601	4.1	38
116	How reliable is internet-based self-reported identity, socio-demographic and obesity measures in European adults?. *Genes and Nutrition*, **2015**, 10, 28	4.3	37
115	Intakes of total fat, saturated, monounsaturated and polyunsaturated fatty acids in Irish children, teenagers and adults. *Public Health Nutrition*, **2009**, 12, 156-65	3.3	37
114	Personalised nutrition: the role of new dietary assessment methods. *Proceedings of the Nutrition Society*, **2016**, 75, 96-105	2.9	36
113	Association between Diet-Quality Scores, Adiposity, Total Cholesterol and Markers of Nutritional Status in European Adults: Findings from the Food4Me Study. *Nutrients*, **2018**, 10,	6.7	36
112	Attitudes towards and beliefs about nutrition and health among a random sample of adults in the Republic of Ireland and Northern Ireland. *Public Health Nutrition*, **2001**, 4, 1117-26	3.3	36
111	Use of metabotyping for the delivery of personalised nutrition. *Molecular Nutrition and Food Research*, **2015**, 59, 377-85	5.9	35
110	The effect of the apolipoprotein E genotype on response to personalized dietary advice intervention: findings from the Food4Me randomized controlled trial. *American Journal of Clinical Nutrition*, **2016**, 104, 827-36	7	34
109	Conjugated linoleic acid and atherosclerosis: no effect on molecular markers of cholesterol homeostasis in THP-1 macrophages. *Atherosclerosis*, **2004**, 174, 261-73	3.1	33
108	Application of dried blood spots to determine vitamin D status in a large nutritional study with unsupervised sampling: the Food4Me project. *British Journal of Nutrition*, **2016**, 115, 202-11	3.6	33
107	Perceived barriers of, and benefits to, healthy eating reported by a Spanish national sample. *Public Health Nutrition*, **1999**, 2, 209-15	3.3	32
106	Whole grain intakes in the diets of Irish children and teenagers. *British Journal of Nutrition*, **2013**, 110, 354-62	3.6	30
105	Within-person variation in the postprandial lipemic response of healthy adults. *American Journal of Clinical Nutrition*, **2013**, 97, 261-7	7	28
104	Mucosal and systemic IgA anti-gliadin antibody in celiac disease. Contrasting patterns of response in serum, saliva, and intestinal secretions. *Digestive Diseases and Sciences*, **1991**, 36, 743-51	4	28
103	Profile of European adults interested in internet-based personalised nutrition: the Food4Me study. *European Journal of Nutrition*, **2016**, 55, 759-769	5.2	27
102	Attitudes toward and Beliefs about Nutrition and Health among a Nationally Representative Sample of Irish Adults: Application of Logistic Regression Modelling. *Journal of Nutrition Education and Behavior*, **1998**, 30, 139-148		26
101	Dietary vitamin D□a potentially underestimated contributor to vitamin D nutritional status of adults?. *British Journal of Nutrition*, **2014**, 112, 193-202	3.6	25

100	A generic coding approach for the examination of meal patterns. *American Journal of Clinical Nutrition*, **2015**, 102, 316-23	7	24
99	Dietary fat intakes in Irish adults in 2011: how much has changed in 10 years?. *British Journal of Nutrition*, **2016**, 115, 1798-809	3.6	24
98	Effect of vitamin E intake from food and supplement sources on plasma □and □tocopherol concentrations in a healthy Irish adult population. *British Journal of Nutrition*, **2014**, 112, 1575-85	3.6	23
97	Effect of supplementation with vitamin D2-enhanced mushrooms on vitamin D status in healthy adults. *Journal of Nutritional Science*, **2013**, 2, e29	2.7	23
96	A Dietary Feedback System for the Delivery of Consistent Personalized Dietary Advice in the Web-Based Multicenter Food4Me Study. *Journal of Medical Internet Research*, **2016**, 18, e150	7.6	23
95	The NuGO proof of principle study package: a collaborative research effort of the European Nutrigenomics Organisation. *Genes and Nutrition*, **2008**, 3, 147-51	4.3	22
94	Exploring the association of dairy product intake with the fatty acids C15:0 and C17:0 measured from dried blood spots in a multipopulation cohort: Findings from the Food4Me study. *Molecular Nutrition and Food Research*, **2016**, 60, 834-45	5.9	22
93	Glycemic, insulinemic, and appetite responses of patients with type 2 diabetes to commonly consumed breads. *The Diabetes Educator*, **2013**, 39, 376-86	2.5	21
92	Diet, genes and disease: implications for nutrition policy. *Proceedings of the Nutrition Society*, **2004**, 63, 491-500	2.9	21
91	Effect of postprandial lipaemia and Taq 1B polymorphism of the cholesteryl ester transfer protein (CETP) gene on CETP mass, activity, associated lipoproteins and plasma lipids. *British Journal of Nutrition*, **2000**, 84, 203-209	3.6	21
90	Changes in Physical Activity Following a Genetic-Based Internet-Delivered Personalized Intervention: Randomized Controlled Trial (Food4Me). *Journal of Medical Internet Research*, **2016**, 18, e30	7.6	21
89	Plasma fatty acid patterns reflect dietary habits and metabolic health: A cross-sectional study. *Molecular Nutrition and Food Research*, **2016**, 60, 2043-52	5.9	21
88	Estimation of Chicken Intake by Adults Using Metabolomics-Derived Markers. *Journal of Nutrition*, **2017**, 147, 1850-1857	4.1	20
87	Analysis of Dietary Pattern Impact on Weight Status for Personalised Nutrition through On-Line Advice: The Food4Me Spanish Cohort. *Nutrients*, **2015**, 7, 9523-37	6.7	20
86	Differences in glucose-dependent insulinotrophic polypeptide hormone and hepatic lipase in subjects of southern and northern Europe: implications for postprandial lipemia. *American Journal of Clinical Nutrition*, **2000**, 71, 13-20	7	20
85	Effects of a Web-Based Personalized Intervention on Physical Activity in European Adults: A Randomized Controlled Trial. *Journal of Medical Internet Research*, **2015**, 17, e231	7.6	20
84	Reproducibility of the Online Food4Me Food-Frequency Questionnaire for Estimating Dietary Intakes across Europe. *Journal of Nutrition*, **2016**, 146, 1068-75	4.1	20
83	Knowing your genes: does this impact behaviour change?. *Proceedings of the Nutrition Society*, **2017**, 76, 182-191	2.9	19

82	Can metabotyping help deliver the promise of personalised nutrition?. *Proceedings of the Nutrition Society*, **2016**, 75, 106-114	2.9	19
81	Towards an Evidence-Based Recommendation for a Balanced Breakfast-A Proposal from the International Breakfast Research Initiative. *Nutrients*, **2018**, 10,	6.7	19
80	Metabolomic-based identification of clusters that reflect dietary patterns. *Molecular Nutrition and Food Research*, **2017**, 61, 1601050	5.9	18
79	Metabotyping for the development of tailored dietary advice solutions in a European population: the Food4Me study. *British Journal of Nutrition*, **2017**, 118, 561-569	3.6	18
78	Associations of vitamin D status with dietary intakes and physical activity levels among adults from seven European countries: the Food4Me study. *European Journal of Nutrition*, **2018**, 57, 1357-1368	5.2	18
77	Mediterranean Diet Adherence and Genetic Background Roles within a Web-Based Nutritional Intervention: The Food4Me Study. *Nutrients*, **2017**, 9,	6.7	18
76	Dietary patterns in Irish adolescents: a comparison of cluster and principal component analyses. *Public Health Nutrition*, **2013**, 16, 848-57	3.3	18
75	Fat mass- and obesity-associated genotype, dietary intakes and anthropometric measures in European adults: the Food4Me study. *British Journal of Nutrition*, **2016**, 115, 440-8	3.6	17
74	Dietary intakes of six intense sweeteners by Irish adults. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2018**, 35, 425-438	3.2	17
73	Reversible hypercholesterolaemia produced by cholesterol-free fish meal protein diets. *Atherosclerosis*, **1983**, 49, 127-37	3.1	16
72	Objectively Measured Physical Activity in European Adults: Cross-Sectional Findings from the Food4Me Study. *PLoS ONE*, **2016**, 11, e0150902	3.7	16
71	Iodine intakes and status in Irish adults: is there cause for concern?. *British Journal of Nutrition*, **2017**, 117, 422-431	3.6	15
70	Impact of geographical region on urinary metabolomic and plasma fatty acid profiles in subjects with the metabolic syndrome across Europe: the LIPGENE study. *British Journal of Nutrition*, **2014**, 111, 424-31	3.6	15
69	Predicting percentage of individuals consuming foods from percentage of households purchasing foods to improve the use of household budget surveys in estimating food chemical intakes. *Public Health Nutrition*, **1998**, 1, 239-47	3.3	15
68	Development and validation of a food-frequency questionnaire for the determination of detailed fatty acid intakes. *Public Health Nutrition*, **2005**, 8, 97-107	3.3	15
67	Modeled Dietary Impact of Pizza Reformulations in US Children and Adolescents. *PLoS ONE*, **2016**, 11, e0164197	3.7	15
66	Dietary intake of four artificial sweeteners by Irish pre-school children. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2016**, 33, 592-602	3.2	14
65	Relationship between energy from added sugars and frequency of added sugars intake in Irish children, teenagers and adults. *British Journal of Nutrition*, **2008**, 99, 1117-26	3.6	14

64	The effect of acute carbohydrate load on the monophasic or biphasic nature of the postprandial lipaemic response to acute fat ingestion in human subjects. *British Journal of Nutrition*, **1998**, 80, 411-418	3.6	14
63	Whole grain intakes in Irish adults: findings from the National Adults Nutrition Survey (NANS). *European Journal of Nutrition*, **2019**, 58, 541-550	5.2	13
62	Correlates of overall and central obesity in adults from seven European countries: findings from the Food4Me Study. *European Journal of Clinical Nutrition*, **2018**, 72, 207-219	5.2	13
61	Sexual Dimorphism, Age, and Fat Mass Are Key Phenotypic Drivers of Proteomic Signatures. *Journal of Proteome Research*, **2017**, 16, 4122-4133	5.6	12
60	Diet, lifestyle and body weight in Irish children: findings from Irish Universities Nutrition Alliance national surveys. *Proceedings of the Nutrition Society*, **2014**, 73, 190-200	2.9	12
59	Gene methylation parallelisms between peripheral blood cells and oral mucosa samples in relation to overweight. *Journal of Physiology and Biochemistry*, **2016**, 73, 465-474	5	12
58	Frequent Nutritional Feedback, Personalized Advice, and Behavioral Changes: Findings from the European Food4Me Internet-Based RCT. *American Journal of Preventive Medicine*, **2019**, 57, 209-219	6.1	11
57	Comparison of the effect of multicomponent and resistance training programs on metabolic health parameters in the elderly. *Archives of Gerontology and Geriatrics*, **2015**, 60, 412-7	4	11
56	Chronic but not acute treatment with conjugated linoleic acid (CLA) isomers (trans-10, cis-12 CLA and cis-9, trans-11 CLA) affects lipid metabolism in Caco-2 cells. *Journal of Nutrition*, **2002**, 132, 2167-73	4.1	11
55	Dietary advice to reduce fat intake is more successful when it does not restrict habitual eating patterns. *Journal of the American Dietetic Association*, **1999**, 99, 685-9		11
54	Using NMR-Based Metabolomics to Evaluate Postprandial Urinary Responses Following Consumption of Minimally Processed Wheat Bran or Wheat Aleurone by Men and Women. *Nutrients* , **2016**, 8, 96	6.7	11
53	Within-person reproducibility and sensitivity to dietary change of C15:0 and C17:0 levels in dried blood spots: Data from the European Food4Me Study. *Molecular Nutrition and Food Research*, **2017**, 61, 1700142	5.9	10
52	Phytosterol-enriched products on the Irish market: examination of intake and consumption patterns. *Public Health Nutrition*, **2009**, 12, 51-8	3.3	10
51	Capturing health and eating status through a nutritional perception screening questionnaire (NPSQ9) in a randomised internet-based personalised nutrition intervention: the Food4Me study. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 168	8.4	9
50	Twin metabolomics: the key to unlocking complex phenotypes in nutrition research. *Nutrition Research*, **2016**, 36, 291-304	4	9
49	Higher vegetable protein consumption, assessed by an isoenergetic macronutrient exchange model, is associated with a lower presence of overweight and obesity in the web-based Food4me European study. *International Journal of Food Sciences and Nutrition*, **2019**, 70, 240-253	3.7	9
48	Predicting fatty acid profiles in blood based on food intake and the FADS1 rs174546 SNP. *Molecular Nutrition and Food Research*, **2015**, 59, 2565-73	5.9	9
47	The prevalence and trends in overweight and obesity in Irish adults between 1990 and 2011. *Public Health Nutrition*, **2014**, 17, 2389-97	3.3	9

46	Food additives and preschool children. *Proceedings of the Nutrition Society*, **2013**, 72, 109-16	2.9	9
45	Antibodies to heated milk protein in coronary heart disease. *Atherosclerosis*, **1980**, 37, 151-5	3.1	9
44	Phenotypic factors influencing the variation in response of circulating cholesterol level to personalised dietary advice in the Food4Me study. *British Journal of Nutrition*, **2016**, 116, 2011-2019	3.6	9
43	Probabilistic modelling to assess exposure to three artificial sweeteners of young Irish patients aged 1-3 years with PKU and CMPA. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2016**, 33, 1660-1671	3.2	9
42	The impact of 677C -ɖT risk knowledge on changes in folate intake: findings from the Food4Me study. *Genes and Nutrition*, **2016**, 11, 25	4.3	8
41	Acute postprandial effect of hydrogenated fish oil, palm oil and lard on plasma cholesterol, triacylglycerol and non-esterified fatty acid metabolism in normocholesterolaemic males. *British Journal of Nutrition*, **2006**, 95, 787-94	3.6	8
40	Acute-on-chronic effects of fatty acids on intestinal triacylglycerol-rich lipoprotein metabolism. *British Journal of Nutrition*, **2002**, 88, 661-9	3.6	8
39	Nutrition, physical activity and health status in Europe: an overview. *Public Health Nutrition*, **1999**, 2, 329-33	3.3	8
38	The effect of low and moderate fat intakes on the postprandial lipaemic and hormonal responses in healthy volunteers. *British Journal of Nutrition*, **1999**, 81, 25-30	3.6	8
37	Patterns of food and nutrient intake in a suburb of Dublin with chronically high unemployment. *Journal of Human Nutrition and Dietetics*, **1993**, 6, 13-22	3.1	8
36	Characteristics of European adults who dropped out from the Food4Me Internet-based personalised nutrition intervention. *Public Health Nutrition*, **2017**, 20, 53-63	3.3	7
35	The perceived impact of the National Health Service on personalised nutrition service delivery among the UK public. *British Journal of Nutrition*, **2015**, 113, 1271-9	3.6	7
34	□Tocopherol Stereoisomers in Human Plasma Are Affected by the Level and Form of the Vitamin E Supplement Used. *Journal of Nutrition*, **2015**, 145, 2347-54	4.1	7
33	Weekday sunlight exposure, but not vitamin D intake, influences the association between vitamin D receptor genotype and circulating concentration 25-hydroxyvitamin D in a pan-European population: the Food4Me study. *Molecular Nutrition and Food Research*, **2017**, 61, 1600476	5.9	7
32	Effect of supplementation with vitamin D□n glucose production pathways in human subjects. *Molecular Nutrition and Food Research*, **2011**, 55, 1018-25	5.9	7
31	Food Technology and Plant-Based Diets. *Journal of Nutrition*, **2021**, 151, 1-2	4.1	7
30	Longitudinal modelling of the exposure of young UK patients with PKU to acesulfame K and sucralose. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2017**, 34, 1863-1874	3.2	6
29	Lipids and fatty acids and their relationship to restenosis. *Catheterization and Cardiovascular Diagnosis*, **1992**, 25, 25-30		6

28	Clustering of adherence to personalised dietary recommendations and changes in healthy eating index within the Food4Me study. *Public Health Nutrition*, **2016**, 19, 3296-3305	3.3	6
27	Ultraprocessed Foods and Their Application to Nutrition Policy. *Nutrition Today*, **2020**, 55, 16-21	1.6	5
26	Characteristics of participants who benefit most from personalised nutrition: findings from the pan-European Food4Me randomised controlled trial. *British Journal of Nutrition*, **2020**, 123, 1396-1405	3.6	5
25	Perceived risk of metabolic syndrome and attitudes towards fat-modified food concepts among European consumers. *Food Quality and Preference*, **2012**, 23, 79-85	5.8	5
24	Immune tolerance and atherosclerosis in rabbits. Effect of high-fat and cholesterol-supplemented diets. *Atherosclerosis*, **1982**, 45, 115-27	3.1	5
23	Nutrition research challenges for processed food and health. *Nature Food*,	14.4	5
22	Personalised nutrition advice reduces intake of discretionary foods and beverages: findings from the Food4Me randomised controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 70	8.4	5
21	A proteomic signature that reflects pancreatic beta-cell function. *PLoS ONE*, **2018**, 13, e0202727	3.7	5
20	Exploring the Links between Diet and Health in an Irish Cohort: A Lipidomic Approach. *Journal of Proteome Research*, **2017**, 16, 1280-1287	5.6	4
19	Uncovering Factors Related to Pancreatic Beta-Cell Function. *PLoS ONE*, **2016**, 11, e0161350	3.7	4
18	Exploring Covariation between Traditional Markers of Metabolic Health and the Plasma Metabolomic Profile: A Classic Twin Design. *Journal of Proteome Research*, **2019**, 18, 2613-2623	5.6	3
17	Nutritional phenotype databases and integrated nutrition: from molecules to populations. *Advances in Nutrition*, **2014**, 5, 352S-7S	10	3
16	Optimal macronutrient balance. *Proceedings of the Nutrition Society*, **1999**, 58, 421-5	2.9	3
15	Obesity and health: why slim?. *Proceedings of the Nutrition Society*, **1991**, 50, 413-32	2.9	3
14	Absence of an effect of tolerance to milk protein on experimental atherosclerosis in rabbits. *Atherosclerosis*, **1984**, 52, 199-202	3.1	3
13	Genetic and environmental influences on covariation in reproducible diet-metabolite associations. *American Journal of Clinical Nutrition*, **2021**, 113, 1232-1240	7	3
12	Genetic and Environmental Contributions to Variation in the Stable Urinary NMR Metabolome over Time: A Classic Twin Study. *Journal of Proteome Research*, **2021**, 20, 3992-4000	5.6	3
11	Adiposity Associated Plasma Linoleic Acid is Related to Demographic, Metabolic Health and Haplotypes of FADS1/2 Genes in Irish Adults. *Molecular Nutrition and Food Research*, **2018**, 62, e1700785	5.9	2

10	A Life in Food: A Grain of Salt and Some Humble Pie. *Annual Review of Nutrition*, **2018**, 38, 1-16	9.9	2
9	Nutrient Profiling. *Nutrition Today*, **2010**, 45, 6-12	1.6	2
8	Approaches to assessment of exposure to food- and supplement-derived amino acids. *Journal of Nutrition*, **2004**, 134, 1660S-1663S; discussion 1664S-1666S, 1667S-1672S	4.1	2
7	Analysis of the National Adult Nutrition Survey (Ireland) and the Food4Me Nutrition Survey Databases to Explore the Development of Food Labelling Portion Sizes for the European Union. *Nutrients*, **2018**, 11,	6.7	2
6	Impact of the common MTHFR 677C-ₜ polymorphism on blood pressure in adulthood and role of riboflavin in modifying the genetic risk of hypertension: evidence from the JINGO project. *BMC Medicine*, **2020**, 18, 318	11.4	2
5	Postprandial factor VII metabolism: the effect of the R353Q and 10 bp polymorphisms. *British Journal of Nutrition*, **2000**, 83, 467-472	3.6	1
4	An analysis of the incremental value of retaining brand-level information in food consumption databases in estimating food additive intake. *Food Additives and Contaminants*, **1999**, 16, 93-7		1
3	Interactions of Carbohydrate Intake and Physical Activity with Regulatory Genes Affecting Glycaemia: A Food4Me Study Analysis. *Lifestyle Genomics*, **2021**, 14, 63-72	2	1
2	Predictive modelling of the exposure to steviol glycosides in Irish patients aged 1-3 years with phenylketonuria and cowℝs milk protein allergy. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2018**, 35, 40-48	3.2	1
1	Associations between dietary patterns, FTO genotype and obesity in adults from seven European countries.. *European Journal of Nutrition*, **2022**, 1	5.2	0