

Eileen R 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.

122 papers	3,309 citations	34 h-index	51 g-index
130 ext. papers	4,172 ext. citations	4.9 avg, IF	5.26 L-index

#	Paper	IF	Citations
122	Effect of personalized nutrition on health-related behaviour change: evidence from the Food4Me European randomized controlled trial. <i>International Journal of Epidemiology</i> , 2017 , 46, 578-588	7.8	138
121	Addressing the inter-individual variation in response to consumption of plant food bioactives: Towards a better understanding of their role in healthy aging and cardiometabolic risk reduction. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600557	5.9	127
120	Online dietary intake estimation: reproducibility and validity of the Food4Me food frequency questionnaire against a 4-day weighed food record. <i>Journal of Medical Internet Research</i> , 2014 , 16, e190	7.6	112
119	Design and baseline characteristics of the Food4Me study: a web-based randomised controlled trial of personalised nutrition in seven European countries. <i>Genes and Nutrition</i> , 2015 , 10, 450	4.3	109
118	Enhancing cognitive functioning in the elderly: multicomponent vs resistance training. <i>Clinical Interventions in Aging</i> , 2013 , 8, 19-27	4	100
117	Ultra-processed foods in human health: a critical appraisal. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 717-724	7	94
116	Impact of Flavonols on Cardiometabolic Biomarkers: A Meta-Analysis of Randomized Controlled Human Trials to Explore the Role of Inter-Individual Variability. <i>Nutrients</i> , 2017 , 9,	6.7	93
115	Online dietary intake estimation: the Food4Me food frequency questionnaire. <i>Journal of Medical Internet Research</i> , 2014 , 16, e150	7.6	88
114	A review of the validity of malnutrition screening tools used in older adults in community and healthcare settings - A MaNuEL study. <i>Clinical Nutrition ESPEN</i> , 2018 , 24, 1-13	1.3	85
113	Meta-Analysis of the Effects of Foods and Derived Products Containing Ellagitannins and Anthocyanins on Cardiometabolic Biomarkers: Analysis of Factors Influencing Variability of the Individual Responses. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	77
112	Proposed guidelines to evaluate scientific validity and evidence for genotype-based dietary advice. <i>Genes and Nutrition</i> , 2017 , 12, 35	4.3	72
111	Fruit, vegetables, and mushrooms for the preparation of extracts with α -amylase and α -glucosidase inhibition properties: A review. <i>Food Chemistry</i> , 2021 , 338, 128119	8.5	72
110	Influence of short-term dietary weight loss on cortisol secretion and metabolism in obese men. <i>European Journal of Endocrinology</i> , 2004 , 150, 185-94	6.5	60
109	The relationship between BMI and metabolomic profiles: a focus on amino acids. <i>Proceedings of the Nutrition Society</i> , 2012 , 71, 634-8	2.9	58
108	Plasma concentrations of alpha-MSH, AgRP and leptin in lean and obese men and their relationship to differing states of energy balance perturbation. <i>Clinical Endocrinology</i> , 2004 , 61, 31-9	3.4	56
107	Identification of differential responses to an oral glucose tolerance test in healthy adults. <i>PLoS ONE</i> , 2013 , 8, e72890	3.7	55
106	Inhibition of proinflammatory biomarkers in THP1 macrophages by polyphenols derived from chamomile, meadowsweet and willow bark. <i>Phytotherapy Research</i> , 2013 , 27, 588-94	6.7	52

105	Effect of an Internet-based, personalized nutrition randomized trial on dietary changes associated with the Mediterranean diet: the Food4Me Study. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 288-97	7	49
104	Relationship between the lipidome, inflammatory markers and insulin resistance. <i>Molecular BioSystems</i> , 2014 , 10, 1586-95		47
103	A review of the design and validation of web- and computer-based 24-h dietary recall tools. <i>Nutrition Research Reviews</i> , 2016 , 29, 268-280	7	47
102	Pregnancy Exercise and Nutrition With Smartphone Application Support: A Randomized Controlled Trial. <i>Obstetrics and Gynecology</i> , 2018 , 131, 818-826	4.9	44
101	The association between childcare and risk of childhood overweight and obesity in children aged 5 years and under: a systematic review. <i>European Journal of Pediatrics</i> , 2016 , 175, 1277-94	4.1	42
100	Can genetic-based advice help you lose weight? Findings from the Food4Me European randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1204-1213	7	40
99	High-Density Lipoprotein Proteomic Composition, and not Efflux Capacity, Reflects Differential Modulation of Reverse Cholesterol Transport by Saturated and Monounsaturated Fat Diets. <i>Circulation</i> , 2016 , 133, 1838-50	16.7	40
98	A Systematic Review and Meta-Analysis of the Effects of Flavanol-Containing Tea, Cocoa and Apple Products on Body Composition and Blood Lipids: Exploring the Factors Responsible for Variability in Their Efficacy. <i>Nutrients</i> , 2017 , 9, 746	6.7	39
97	Bitter taste perception and dietary intake patterns in Irish children. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2013 , 6, 43-58		39
96	Genetic and environmental influences on liking and reported intakes of vegetables in Irish children. <i>Food Quality and Preference</i> , 2014 , 32, 253-263	5.8	38
95	How reliable is internet-based self-reported identity, socio-demographic and obesity measures in European adults?. <i>Genes and Nutrition</i> , 2015 , 10, 28	4.3	37
94	Maternal low glycaemic index diet, fat intake and postprandial glucose influences neonatal adiposity--secondary analysis from the ROLO study. <i>Nutrition Journal</i> , 2014 , 13, 78	4.3	37
93	Maternal Nutrition and Glycaemic Index during Pregnancy Impacts on Offspring Adiposity at 6 Months of Age--Analysis from the ROLO Randomised Controlled Trial. <i>Nutrients</i> , 2016 , 8,	6.7	37
92	Personalised nutrition: the role of new dietary assessment methods. <i>Proceedings of the Nutrition Society</i> , 2016 , 75, 96-105	2.9	36
91	Association between Diet-Quality Scores, Adiposity, Total Cholesterol and Markers of Nutritional Status in European Adults: Findings from the Food4Me Study. <i>Nutrients</i> , 2018 , 10,	6.7	36
90	Dairy matrix effects: response to consumption of dairy fat differs when eaten within the cheese matrix-a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 667-674	7	35
89	Use of metabotyping for the delivery of personalised nutrition. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 377-85	5.9	35
88	Determinants of Incident Malnutrition in Community-Dwelling Older Adults: A MaNuEL Multicohort Meta-Analysis. <i>Journal of the American Geriatrics Society</i> , 2018 , 66, 2335-2343	5.6	34

87	The effect of the apolipoprotein E genotype on response to personalized dietary advice intervention: findings from the Food4Me randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 827-36	7	34
86	A qualitative study of psychological, social and behavioral barriers to appropriate food portion size control. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013 , 10, 92	8.4	33
85	Do high blood folate concentrations exacerbate metabolic abnormalities in people with low vitamin B-12 status?. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 495-500	7	33
84	Application of dried blood spots to determine vitamin D status in a large nutritional study with unsupervised sampling: the Food4Me project. <i>British Journal of Nutrition</i> , 2016 , 115, 202-11	3.6	33
83	Maternal diet and weight at 3 months postpartum following a pregnancy intervention with a low glycaemic index diet: results from the ROLO randomised control trial. <i>Nutrients</i> , 2014 , 6, 2946-55	6.7	30
82	The Development, Validation, and User Evaluation of Foodbook24: A Web-Based Dietary Assessment Tool Developed for the Irish Adult Population. <i>Journal of Medical Internet Research</i> , 2017 , 19, e158	7.6	29
81	Within-person variation in the postprandial lipemic response of healthy adults. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 261-7	7	28
80	Profile of European adults interested in internet-based personalised nutrition: the Food4Me study. <i>European Journal of Nutrition</i> , 2016 , 55, 759-769	5.2	27
79	Factors influencing the cardiometabolic response to (poly)phenols and phytosterols: a review of the COST Action POSITIVE activities. <i>European Journal of Nutrition</i> , 2019 , 58, 37-47	5.2	27
78	Tryptophan catabolism and vitamin B-6 status are affected by gender and lifestyle factors in healthy young adults. <i>Journal of Nutrition</i> , 2015 , 145, 701-7	4.1	26
77	A generic coding approach for the examination of meal patterns. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 316-23	7	24
76	Comparison of Environmental Impact and Nutritional Quality among a European Sample Population - findings from the Food4Me study. <i>Scientific Reports</i> , 2018 , 8, 2330	4.9	23
75	Effect of vitamin E intake from food and supplement sources on plasma β -carotene and tocopherol concentrations in a healthy Irish adult population. <i>British Journal of Nutrition</i> , 2014 , 112, 1575-85	3.6	23
74	A Dietary Feedback System for the Delivery of Consistent Personalized Dietary Advice in the Web-Based Multicenter Food4Me Study. <i>Journal of Medical Internet Research</i> , 2016 , 18, e150	7.6	23
73	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. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 834-45	5.9	22
72	An evaluation of portion size estimation aids: precision, ease of use and likelihood of future use. <i>Public Health Nutrition</i> , 2016 , 19, 2377-87	3.3	21
71	Diet, genes and disease: implications for nutrition policy. <i>Proceedings of the Nutrition Society</i> , 2004 , 63, 491-500	2.9	21
70	Changes in Physical Activity Following a Genetic-Based Internet-Delivered Personalized Intervention: Randomized Controlled Trial (Food4Me). <i>Journal of Medical Internet Research</i> , 2016 , 18, e30	7.6	21

69	Analysis of Dietary Pattern Impact on Weight Status for Personalised Nutrition through On-Line Advice: The Food4Me Spanish Cohort. <i>Nutrients</i> , 2015 , 7, 9523-37	6.7	20
68	Energy expenditure in disease: time to revisit?. <i>Proceedings of the Nutrition Society</i> , 2000 , 59, 199-207	2.9	20
67	Effects of a Web-Based Personalized Intervention on Physical Activity in European Adults: A Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2015 , 17, e231	7.6	20
66	Reproducibility of the Online Food4Me Food-Frequency Questionnaire for Estimating Dietary Intakes across Europe. <i>Journal of Nutrition</i> , 2016 , 146, 1068-75	4.1	20
65	Knowing your genes: does this impact behaviour change?. <i>Proceedings of the Nutrition Society</i> , 2017 , 76, 182-191	2.9	19
64	Can metabotyping help deliver the promise of personalised nutrition?. <i>Proceedings of the Nutrition Society</i> , 2016 , 75, 106-114	2.9	19
63	Metabotyping for the development of tailored dietary advice solutions in a European population: the Food4Me study. <i>British Journal of Nutrition</i> , 2017 , 118, 561-569	3.6	18
62	Imposed rate and extent of weight loss in obese men and adaptive changes in resting and total energy expenditure. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 896-904	12.7	18
61	Associations of vitamin D status with dietary intakes and physical activity levels among adults from seven European countries: the Food4Me study. <i>European Journal of Nutrition</i> , 2018 , 57, 1357-1368	5.2	18
60	Mediterranean Diet Adherence and Genetic Background Roles within a Web-Based Nutritional Intervention: The Food4Me Study. <i>Nutrients</i> , 2017 , 9,	6.7	18
59	An overview of the contribution of dairy and cheese intakes to nutrient intakes in the Irish diet: results from the National Adult Nutrition Survey. <i>British Journal of Nutrition</i> , 2016 , 115, 709-17	3.6	18
58	Are food-related perceptions associated with meal portion size decisions? A cross-sectional study. <i>Appetite</i> , 2016 , 103, 377-385	4.5	18
57	The association between maternal nutrition and lifestyle during pregnancy and 2-year-old offspring adiposity: analysis from the ROLO study. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2016 , 24, 427-436	1.4	17
56	Impact of Foods and Dietary Supplements Containing Hydroxycinnamic Acids on Cardiometabolic Biomarkers: A Systematic Review to Explore Inter-Individual Variability. <i>Nutrients</i> , 2019 , 11,	6.7	17
55	Fat mass- and obesity-associated genotype, dietary intakes and anthropometric measures in European adults: the Food4Me study. <i>British Journal of Nutrition</i> , 2016 , 115, 440-8	3.6	17
54	Regularity of Breakfast Consumption and Diet: Insights from National Adult Nutrition Survey. <i>Nutrients</i> , 2018 , 10,	6.7	17
53	Suprathreshold measures of taste perception in children - Association with dietary quality and body weight. <i>Appetite</i> , 2017 , 113, 116-123	4.5	16
52	Why interindividual variation in response to consumption of plant food bioactives matters for future personalised nutrition. <i>Proceedings of the Nutrition Society</i> , 2020 , 79, 225-235	2.9	16

51	Development and application of a scoring system to rate malnutrition screening tools used in older adults in community and healthcare settings - A MaNuEL study. <i>Clinical Nutrition</i> , 2019 , 38, 1807-1819	5.9	15
50	Executive function moderates the role of muscular fitness in determining functional mobility in older adults. <i>Aging Clinical and Experimental Research</i> , 2013 , 25, 291-8	4.8	15
49	General practitioners' views on malnutrition management and oral nutritional supplementation prescription in the community: A qualitative study. <i>Clinical Nutrition ESPEN</i> , 2020 , 36, 116-127	1.3	15
48	Generic Meal Patterns Identified by Latent Class Analysis: Insights from NANS (National Adult Nutrition Survey). <i>Nutrients</i> , 2018 , 10,	6.7	13
47	An in vivo study examining the antiinflammatory effects of chamomile, meadowsweet, and willow bark in a novel functional beverage. <i>Journal of Dietary Supplements</i> , 2013 , 10, 370-80	2.3	13
46	Correlates of overall and central obesity in adults from seven European countries: findings from the Food4Me Study. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 207-219	5.2	13
45	Secular trends in reported portion size of food and beverages consumed by Irish adults. <i>British Journal of Nutrition</i> , 2015 , 113, 1148-57	3.6	12
44	Frequent Nutritional Feedback, Personalized Advice, and Behavioral Changes: Findings from the European Food4Me Internet-Based RCT. <i>American Journal of Preventive Medicine</i> , 2019 , 57, 209-219	6.1	11
43	Comparison of the effect of multicomponent and resistance training programs on metabolic health parameters in the elderly. <i>Archives of Gerontology and Geriatrics</i> , 2015 , 60, 412-7	4	11
42	Comparison of a Web-Based 24-h Dietary Recall Tool (Foodbook24) to an Interviewer-Led 24-h Dietary Recall. <i>Nutrients</i> , 2017 , 9,	6.7	11
41	Modulation of the lipidomic profile due to a lipid challenge and fitness level: a postprandial study. <i>Lipids in Health and Disease</i> , 2015 , 14, 65	4.4	11
40	Child Care Exposure Influences Childhood Adiposity at 2 Years: Analysis from the ROLO Study. <i>Childhood Obesity</i> , 2017 , 13, 93-101	2.5	10
39	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. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1700142	5.9	10
38	Systematic bioinformatic analysis of nutrigenomic data of flavanols in cell models of cardiometabolic disease. <i>Food and Function</i> , 2020 , 11, 5040-5064	6.1	10
37	Capturing health and eating status through a nutritional perception screening questionnaire (NPSQ9) in a randomised internet-based personalised nutrition intervention: the Food4Me study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 168	8.4	9
36	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. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 240-253	3.7	9
35	Predicting fatty acid profiles in blood based on food intake and the FADS1 rs174546 SNP. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2565-73	5.9	9
34	Phenotypic factors influencing the variation in response of circulating cholesterol level to personalised dietary advice in the Food4Me study. <i>British Journal of Nutrition</i> , 2016 , 116, 2011-2019	3.6	9

33	The impact of 677C -5T risk knowledge on changes in folate intake: findings from the Food4Me study. <i>Genes and Nutrition</i> , 2016 , 11, 25	4.3	8
32	Characteristics of European adults who dropped out from the Food4Me Internet-based personalised nutrition intervention. <i>Public Health Nutrition</i> , 2017 , 20, 53-63	3.3	7
31	Tocopherol Stereoisomers in Human Plasma Are Affected by the Level and Form of the Vitamin E Supplement Used. <i>Journal of Nutrition</i> , 2015 , 145, 2347-54	4.1	7
30	Development and evaluation of a concise food list for use in a web-based 24-h dietary recall tool. <i>Journal of Nutritional Science</i> , 2017 , 6, e46	2.7	7
29	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. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600476	5.9	7
28	Personalised nutrition - phenotypic and genetic variation in response to dietary intervention. <i>Proceedings of the Nutrition Society</i> , 2020 , 79, 236-245	2.9	7
27	Predictors of Incident Malnutrition in Older Irish Adults from the Irish Longitudinal Study on Ageing Cohort-A MaNuEL study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 249-256	6.4	7
26	Targeting the delivery of dietary plant bioactives to those who would benefit most: from science to practical applications. <i>European Journal of Nutrition</i> , 2019 , 58, 65-73	5.2	6
25	Clustering of adherence to personalised dietary recommendations and changes in healthy eating index within the Food4Me study. <i>Public Health Nutrition</i> , 2016 , 19, 3296-3305	3.3	6
24	An investigation of community-dwelling older adults' opinions about their nutritional needs and risk of malnutrition; a scoping review. <i>Clinical Nutrition</i> , 2021 , 40, 2936-2945	5.9	6
23	Characteristics of participants who benefit most from personalised nutrition: findings from the pan-European Food4Me randomised controlled trial. <i>British Journal of Nutrition</i> , 2020 , 123, 1396-1405	3.6	5
22	Personalised nutrition advice reduces intake of discretionary foods and beverages: findings from the Food4Me randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 70	8.4	5
21	A proteomic signature that reflects pancreatic beta-cell function. <i>PLoS ONE</i> , 2018 , 13, e0202727	3.7	5
20	Healthcare professionals' perceptions of malnutrition management and oral nutritional supplement prescribing in the community: A qualitative study. <i>Clinical Nutrition ESPEN</i> , 2021 , 44, 415-423	4.3	5
19	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
18	Uncovering Factors Related to Pancreatic Beta-Cell Function. <i>PLoS ONE</i> , 2016 , 11, e0161350	3.7	4
17	An observational analysis of meal patterns in overweight and obese pregnancy: exploring meal pattern behaviours and the association with maternal and fetal health measures. <i>Irish Journal of Medical Science</i> , 2020 , 189, 585-594	1.9	4
16	Optimisation of a metatype approach to deliver targeted dietary advice. <i>Nutrition and Metabolism</i> , 2020 , 17, 82	4.6	4

15	Malnutrition: A Misunderstood Diagnosis by Primary Care Health Care Professionals and Community-Dwelling Older Adults in Ireland. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2021 , 121, 2443-2453	3.9	4
14	Plasma n-3 polyunsaturated fatty status and its relationship with vitamin E intake and plasma level. <i>European Journal of Nutrition</i> , 2017 , 56, 1281-1291	5.2	3
13	Exploring Covariation between Traditional Markers of Metabolic Health and the Plasma Metabolomic Profile: A Classic Twin Design. <i>Journal of Proteome Research</i> , 2019 , 18, 2613-2623	5.6	3
12	Dairy Consumption and Metabolic Health. <i>Nutrients</i> , 2020 , 12,	6.7	3
11	Genetic and environmental influences on covariation in reproducible diet-metabolite associations. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1232-1240	7	3
10	Genetic and Environmental Contributions to Variation in the Stable Urinary NMR Metabolome over Time: A Classic Twin Study. <i>Journal of Proteome Research</i> , 2021 , 20, 3992-4000	5.6	3
9	Characteristics and determinants of high volume dispensing in long-term oral nutritional supplement users in primary care: a secondary analysis. <i>BJGP Open</i> , 2021 , 5,	3.1	3
8	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. <i>Nutrients</i> , 2018 , 11,	6.7	2
7	Respondent Characteristics and Dietary Intake Data Collected Using Web-Based and Traditional Nutrition Surveillance Approaches: Comparison and Usability Study. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e22759	11.4	2
6	Personalized Nutrition: Making It Happen 2019 , 261-276		1
5	Ageing rate of older adults affects the factors associated with, and the determinants of malnutrition in the community: a systematic review and narrative synthesis. <i>BMC Geriatrics</i> , 2021 , 21, 676	4.1	1
4	Interactions of Carbohydrate Intake and Physical Activity with Regulatory Genes Affecting Glycaemia: A Food4Me Study Analysis. <i>Lifestyle Genomics</i> , 2021 , 14, 63-72	2	1
3	Meal Pattern Analysis in Nutritional Science: Recent Methods and Findings. <i>Advances in Nutrition</i> , 2021 , 12, 1365-1378	10	1
2	Nutrition policy: developing scientific recommendations for food-based dietary guidelines for older adults living independently in Ireland.. <i>Proceedings of the Nutrition Society</i> , 2022 , 1-27	2.9	0
1	Associations between dietary patterns, FTO genotype and obesity in adults from seven European countries.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	0