Janette Walton

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9459421/publications.pdf

Version: 2024-02-01

130	2,521	257357	254106
papers	citations	24 h-index	43 g-index

132	132	132	3703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of sugar consumption from nationally representative dietary surveys across the world. Journal of Human Nutrition and Dietetics, 2016, 29, 225-240.	1.3	179
2	Colonic microbiota is associated with inflammation and host epigenomic alterations in inflammatory bowel disease. Nature Communications, 2020, 11, 1512.	5.8	167
3	Vitamin D status of Irish adults: findings from the National Adult Nutrition Survey. British Journal of Nutrition, 2013, 109, 1248-1256.	1.2	104
4	A review of the design and validation of web- and computer-based 24-h dietary recall tools. Nutrition Research Reviews, 2016, 29, 268-280.	2.1	85
5	Development of an on-line Irish food composition database for nutrients. Journal of Food Composition and Analysis, 2011, 24, 1017-1023.	1.9	79
6	Worldwide trends in dietary sugars intake. Nutrition Research Reviews, 2014, 27, 330-345.	2.1	67
7	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, 1163-1172.	2.2	61
8	A metabolomics approach to the identification of biomarkers of sugar-sweetened beverage intake. American Journal of Clinical Nutrition, 2015, 101, 471-477.	2.2	59
9	Demonstration of the utility of biomarkers for dietary intake assessment; proline betaine as an example. Molecular Nutrition and Food Research, 2017, 61, 1700037.	1.5	58
10	The impact of voluntary food fortification on micronutrient intakes and status in European countries: a review. Proceedings of the Nutrition Society, 2013, 72, 433-440.	0.4	56
11	Nutritional challenges for older adults in Europe: current status and future directions. Proceedings of the Nutrition Society, 2019, 78, 221-233.	0.4	56
12	The role of meat in the European diet: current state of knowledge on dietary recommendations, intakes and contribution to energy and nutrient intakes and status. Nutrition Research Reviews, 2020, 33, 181-189.	2.1	55
13	Adequacy of vitamin D intakes in children and teenagers from the base diet, fortified foods and supplements. Public Health Nutrition, 2014, 17, 721-731.	1.1	53
14	Malnutrition in the elderly. Science Progress, 2019, 102, 171-180.	1.0	53
15	Small Increments in Vitamin D Intake by Irish Adults over a Decade Show That Strategic Initiatives to Fortify the Food Supply Are Needed. Journal of Nutrition, 2015, 145, 969-976.	1.3	52
16	The Development, Validation, and User Evaluation of Foodbook24: A Web-Based Dietary Assessment Tool Developed for the Irish Adult Population. Journal of Medical Internet Research, 2017, 19, e158.	2.1	52
17	The 3 Epimer of 25-Hydroxycholecalciferol Is Present in the Circulation of the Majority of Adults in a Nationally Representative Sample and Has Endogenous Origins. Journal of Nutrition, 2014, 144, 1050-1057.	1.3	48
18	Use of metabotyping for the delivery of personalised nutrition. Molecular Nutrition and Food Research, 2015, 59, 377-385.	1.5	44

#	Article	IF	Citations
19	Nutritional adequacy of diets containing growing up milks or unfortified cow's milk in Irish children (aged 12â€“24 months). Food and Nutrition Research, 2013, 57, 21836.	1.2	43
20	Modelling the impact of specific food policy options on coronary heart disease and stroke deaths in Ireland. BMJ Open, 2013, 3, e002837.	0.8	40
21	Dietary fat intakes in Irish adults in 2011: how much has changed in 10 years?. British Journal of Nutrition, 2016, 115, 1798-1809.	1.2	34
22	Dietary vitamin D₂ â€“ a potentially underestimated contributor to vitamin D nutritional status of adults?. British Journal of Nutrition, 2014, 112, 193-202.	1.2	33
23	Sodium and Potassium Intakes and Their Ratio in Adults (18â€“90 y): Findings from the Irish National Adult Nutrition Survey. Nutrients, 2020, 12, 938.	1.7	32
24	Estimation of Chicken Intake by Adults Using Metabolomics-Derived Markers. Journal of Nutrition, 2017, 147, 1850-1857.	1.3	28
25	Plant-based diets: a review of the definitions and nutritional role in the adult diet. Proceedings of the Nutrition Society, 2022, 81, 62-74.	0.4	27
26	An overview of the contribution of dairy and cheese intakes to nutrient intakes in the Irish diet: results from the National Adult Nutrition Survey. British Journal of Nutrition, 2016, 115, 709-717.	1.2	26
27	Nutrient intakes and compliance with nutrient recommendations in children aged 1â€“4 years in Ireland. Journal of Human Nutrition and Dietetics, 2017, 30, 665-676.	1.3	26
28	Metabolomicâ€based identification of clusters that reflect dietary patterns. Molecular Nutrition and Food Research, 2017, 61, 1601050.	1.5	26
29	Habitual protein intake, protein distribution patterns and dietary sources in Irish adults with stratification by sex and age. Journal of Human Nutrition and Dietetics, 2020, 33, 465-476.	1.3	26
30	Plasma fatty acid patterns reflect dietary habits and metabolic health: A crossâ€sectional study. Molecular Nutrition and Food Research, 2016, 60, 2043-2052.	1.5	25
31	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.	1.1	25
32	Risk of Iron Overload in Obesity and Implications in Metabolic Health. Nutrients, 2021, 13, 1539.	1.7	25
33	Water intakes and dietary sources of a nationally representative sample of <scp>I</scp>rish adults. Journal of Human Nutrition and Dietetics, 2014, 27, 550-556.	1.3	24
34	Patterns of dairy food intake, body composition and markers of metabolic health in Ireland: results from the National Adult Nutrition Survey. Nutrition and Diabetes, 2017, 7, e243-e243.	1.5	23
35	Dietary Assessment Methodology for Nutritional Assessment. Topics in Clinical Nutrition, 2015, 30, 33-46.	0.2	22
36	The role of fortified foods and nutritional supplements in increasing vitamin D intake in Irish preschool children. European Journal of Nutrition, 2017, 56, 1219-1231.	1.8	22

#	Article	IF	Citations
37	Modeling tool for calculating dietary iron bioavailability in iron-sufficient adults. American Journal of Clinical Nutrition, 2017, 105, 1408-1414.	2.2	22
38	Comparison of a Web-Based 24-h Dietary Recall Tool (Foodbook24) to an Interviewer-Led 24-h Dietary Recall. Nutrients, 2017, 9, 425.	1.7	22
39	The Relationship between Fish Intake and Urinary Trimethylamineâ€Nâ€Oxide. Molecular Nutrition and Food Research, 2020, 64, e1900799.	1.5	22
40	Current perspectives on global sugar consumption: definitions, recommendations, population intakes, challenges and future direction. Nutrition Research Reviews, 2023, 36, 1-22.	2.1	21
41	Dietary energy density and its association with the nutritional quality of the diet of children and teenagers. Journal of Nutritional Science, 2013, 2, e10.	0.7	20
42	Iodine intakes and status in Irish adults: is there cause for concern?. British Journal of Nutrition, 2017, 117, 422-431.	1.2	20
43	Processed red meat contribution to dietary patterns and the associated cardio-metabolic outcomes. British Journal of Nutrition, 2017, 118, 222-228.	1.2	20
44	Whole grain intakes in Irish adults: findings from the National Adults Nutrition Survey (NANS). European Journal of Nutrition, 2019, 58, 541-550.	1.8	20
45	Food neophobia across the life course: Pooling data from five national cross-sectional surveys in Ireland. Appetite, 2022, 171, 105941.	1.8	19
46	Secular trends in reported portion size of food and beverages consumed by Irish adults. British Journal of Nutrition, 2015, 113, 1148-1157.	1.2	17
47	The factors associated with food fussiness in Irish school-aged children. Public Health Nutrition, 2019, 22, 164-174.	1.1	17
48	Dietary strategies for achieving adequate vitamin D and iron intakes in young children in Ireland. Journal of Human Nutrition and Dietetics, 2017, 30, 405-416.	1.3	16
49	Iodine status of teenage girls on the island of Ireland. European Journal of Nutrition, 2020, 59, 1859-1867.	1.8	16
50	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.	0.4	15
51	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, 1-11.	1.1	15
52	Development and evaluation of a concise food list for use in a web-based 24-h dietary recall tool. Journal of Nutritional Science, 2017, 6, e46.	0.7	15
53	Impact of the common MTHFR 677Câ†'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.	2.3	15
54	Phylloquinone Intakes and Food Sources and Vitamin K Status in a Nationally Representative Sample of Irish Adults. Journal of Nutrition, 2016, 146, 2274-2280.	1.3	14

#	Article	IF	Citations
55	The prevalence and trends in overweight and obesity in Irish adults between 1990 and 2011. Public Health Nutrition, 2014, 17, 2389-2397.	1.1	13
56	Dietary energy density: estimates, trends and dietary determinants for a nationally representative sample of the Irish population (aged 5â€“90 years). British Journal of Nutrition, 2015, 113, 172-180.	1.2	13
57	Joint Data Analysis in Nutritional Epidemiology: Identification of Observational Studies and Minimal Requirements. Journal of Nutrition, 2018, 148, 285-297.	1.3	13
58	Combining biomarker and food intake data: calibration equations for citrus intake. American Journal of Clinical Nutrition, 2019, 110, 977-983.	2.2	13
59	A modelling approach to investigate the impact of consumption of three different beef compositions on human dietary fat intakes. Public Health Nutrition, 2020, 23, 2373-2383.	1.1	13
60	The prevalence of overweight and obesity in Irish children between 1990 and 2019. Public Health Nutrition, 2020, 23, 2512-2520.	1.1	13
61	Classifying Individuals Into a Dietary Pattern Based on Metabolomic Data. Molecular Nutrition and Food Research, 2021, 65, e2001183.	1.5	13
62	Food neophobia and its relationship with dietary variety and quality in Irish adults: Findings from a national cross-sectional study. Appetite, 2022, 169, 105859.	1.8	13
63	Impact of voluntary food fortification practices in Ireland: trends in nutrient intakes in Irish adults between 1997â€“9 and 2008â€“10. British Journal of Nutrition, 2015, 113, 310-320.	1.2	12
64	Perspective: Essential Study Quality Descriptors for Data from Nutritional Epidemiologic Research. Advances in Nutrition, 2017, 8, 639-651.	2.9	12
65	Metabolomicâ€Based Approach to Identify Biomarkers of Apple Intake. Molecular Nutrition and Food Research, 2020, 64, e1901158.	1.5	12
66	Development and validation testing of a short nutrition questionnaire to identify dietary risk factors in preschoolers aged 12â€“36 months. Food and Nutrition Research, 2015, 59, 27912.	1.2	11
67	Intake, status and dietary sources of riboflavin in a representative sample of Irish adults aged 18â€“90 years. Proceedings of the Nutrition Society, 2018, 77, .	0.4	11
68	The Potential of Multi-Biomarker Panels in Nutrition Research: Total Fruit Intake as an Example. Frontiers in Nutrition, 2020, 7, 577720.	1.6	11
69	Development of an online database of typical food portion sizes in Irish population groups. Journal of Nutritional Science, 2013, 2, e25.	0.7	10
70	Food portion sizes and dietary quality in Irish children and adolescents. Public Health Nutrition, 2015, 18, 1444-1452.	1.1	10
71	Efficacy and safety of food fortification to improve vitamin D intakes of older adults. Nutrition, 2020, 75-76, 110767.	1.1	10
72	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, 2019, 11, 6.	1.7	10

#	Article	IF	Citations
73	The role of fruit and vegetables in the diets of children in Europe: current state of knowledge on dietary recommendations, intakes and contribution to energy and nutrient intakes. Proceedings of the Nutrition Society, 2020, 79, 479-486.	0.4	9
74	Eating behaviour styles in Irish teens: a cross-sectional study. Public Health Nutrition, 2021, 24, 2144-2152.	1.1	9
75	Fruit and vegetable intakes, sources and contribution to total diet in very young children (1â€“4 years): the Irish National Pre-School Nutrition Survey. British Journal of Nutrition, 2016, 115, 2196-2202.	1.2	8
76	Estimating safe maximum levels of vitamins and minerals in fortified foods and food supplements. European Journal of Nutrition, 2017, 56, 2529-2539.	1.8	8
77	Intakes and sources of dietary sugars in a representative sample of Irish adults (18â€“90y). Proceedings of the Nutrition Society, 2017, 76, .	0.4	6
78	Tackling obesity: A knowledge-base to enable industrial food reformulation. Innovative Food Science and Emerging Technologies, 2020, 64, 102433.	2.7	6
79	Energy, Macronutrients, Dietary Fibre and Salt Intakes in Older Adults in Ireland: Key Sources and Compliance with Recommendations. Nutrients, 2021, 13, 876.	1.7	6
80	Micronutrient intakes in Irish teenagers (13â€“17 years). Proceedings of the Nutrition Society, 2008, 67, .	0.4	5
81	Contribution of fortified foods to nutrient intakes in Irish teenagers aged 13 to 17 years. Proceedings of the Nutrition Society, 2010, 69, .	0.4	5
82	The National Adult Nutrition Survey: dietary fibre intake of Irish adults. Proceedings of the Nutrition Society, 2011, 70, .	0.4	5
83	Nutritional quality of the schoolâ€day diet in Irish children (5â€“12Âyears). Journal of Human Nutrition and Dietetics, 2015, 28, 73-82.	1.3	5
84	What is the availability of iodised salt in supermarkets on the Island of Ireland?. European Journal of Clinical Nutrition, 2019, 73, 1636-1638.	1.3	5
85	Dietary fibre (DF) and NSP intake in Irish teenagers aged 13â€“17 years. Proceedings of the Nutrition Society, 2008, 67, .	0.4	4
86	Folate and vitamin B₁₂ status in a representative sample of Irish adults. Proceedings of the Nutrition Society, 2011, 70, .	0.4	4
87	The contribution of nutritional supplements to micronutrient intake in Irish adults aged 18â€“64 years. Proceedings of the Nutrition Society, 2011, 70, .	0.4	4
88	Impact of voluntary fortification and supplement use on dietary intakes of folate and status in an Irish adult population. Proceedings of the Nutrition Society, 2012, 71, .	0.4	4
89	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.	1.5	4
90	Larger Food Portion Sizes Are Associated with Both Positive and Negative Markers of Dietary Quality in Irish Adults. Nutrients, 2018, 10, 1929.	1.7	4

#	Article	IF	Citations
91	Cross-sectional association of dietary water intakes and sources, and adiposity: National Adult Nutrition Survey, the Republic of Ireland. European Journal of Nutrition, 2019, 58, 1193-1201.	1.8	4
92	Adequacy of calcium and vitamin D nutritional status in a nationally representative sample of Irish teenagers aged 13â€“18Âyears. European Journal of Nutrition, 2022, 61, 4001-4014.	1.8	4
93	Dietary patterns influencing dietary fibre intake in Irish teenagers aged 13â€“17 years. Proceedings of the Nutrition Society, 2010, 69, .	0.4	3
94	The role of meat in the diets of Irish adults (18â€“90 years). Proceedings of the Nutrition Society, 2018, 77, .	0.4	3
95	Dietary fat intakes in Irish children: changes between 2005 and 2019. Public Health Nutrition, 2021, 24, 802-812.	1.1	3
96	Addressing nutrient shortfalls in 1- to 5-year-old Irish children using diet modeling: development of a protocol for use in country-specific population health. American Journal of Clinical Nutrition, 2022, 115, 105-117.	2.2	3
97	Respondent Characteristics and Dietary Intake Data Collected Using Web-Based and Traditional Nutrition Surveillance Approaches: Comparison and Usability Study. JMIR Public Health and Surveillance, 2021, 7, e22759.	1.2	3
98	Dietary fibre (DF) intakes in preâ€“school children aged 1â€“4 years in Ireland. Proceedings of the Nutrition Society, 2012, 71, .	0.4	2
99	Vitamin intakes in Irish pre-school children aged 1â€“4 years. Proceedings of the Nutrition Society, 2012, 71, .	0.4	2
100	Contribution of growing-up milks to the diets of Irish children aged 12â€“36 months. Proceedings of the Nutrition Society, 2012, 71, .	0.4	2
101	Modelling the impact of mandatory folic acid fortification of bread or flour in Ireland on the risk of occurrence of NTD-affected pregnancies in women of childbearing age and on risk of masking vitamin B12 deficiency in older adults. European Journal of Nutrition, 2020, 59, 2631-2639.	1.8	2
102	Application of a composite scoring protocol to identify factors that contribute to the risk of overweight and obesity in Irish children. Pediatric Obesity, 2022, 17, .	1.4	2
103	Determination of food group intakes in Irish teenagers aged 13â€“17 years. Proceedings of the Nutrition Society, 2008, 67, .	0.4	1
104	Sodium (Na) intakes in Irish adults. Proceedings of the Nutrition Society, 2011, 70, .	0.4	1
105	The contribution of fortified foods to micronutrient intake in Irish adults aged 18â€“64 years. Proceedings of the Nutrition Society, 2011, 70, .	0.4	1
106	Analysis of the anthropometric data of adults aged 65+ years participating in the National Adult Nutrition Survey. Proceedings of the Nutrition Society, 2011, 70, .	0.4	1
107	Intakes of micronutrients in Irish adults (18â€“64 years). Proceedings of the Nutrition Society, 2011, 70, .	0.4	1
108	Mineral intakes in Irish pre-school children aged 1â€“4 years. Proceedings of the Nutrition Society, 2012, 71, .	0.4	1

#	Article	IF	Citations
109	Dietary energy density (ED) in Irish children aged 1 to 4 years. Proceedings of the Nutrition Society, 2013, 72, .	0.4	1
110	The impact of nutritional supplement use on the prevalence of inadequate micronutrient intakes in 18â€“64 year old Irish adults. Proceedings of the Nutrition Society, 2013, 72, .	0.4	1
111	Dietary determinants of vitamin D intake in Irish pre-school children aged 1â€“4 years. Proceedings of the Nutrition Society, 2015, 74, .	0.4	1
112	Intakes and sources of dietary sugars in Irish pre-school children aged 1â€“4 years. Proceedings of the Nutrition Society, 2016, 75, .	0.4	1
113	Intakes of fruit and vegetables in Irish children (5â€“12 years). Proceedings of the Nutrition Society, 2018, 77, .	0.4	1
114	Updating of the Irish Food Composition Database for vitamin K1 and vitamin K2. Proceedings of the Nutrition Society, 2020, 79, .	0.4	1
115	An Evaluation of Probability of Adequate Nutrient Intake (PANDiet) Scores as a Diet Quality Metric in Irish National Food Consumption Data. Nutrients, 2022, 14, 994.	1.7	1
116	Food group intakes in a representative sample of adults aged 18â€“64 years in Ireland. Proceedings of the Nutrition Society, 2011, 70, .	0.4	0
117	Association of fibre density with nutritional quality of the diet in Irish adults aged 18â€“64 years. Proceedings of the Nutrition Society, 2012, 71, .	0.4	0
118	Potassium intakes in Irish adults. Proceedings of the Nutrition Society, 2012, 71, .	0.4	0
119	Fortified food consumption: impact on micronutrient adequacy and compliance with dietary recommendations in Irish children 1â€“4 years. Proceedings of the Nutrition Society, 2013, 72, .	0.4	0
120	The impact of voluntary fortification practices on adequacy of micronutrient intake in older adults in Ireland. Proceedings of the Nutrition Society, 2014, 73, .	0.4	0
121	Micronutrient intakes and adequacy of intake in older adults in Ireland. Proceedings of the Nutrition Society, 2014, 73, .	0.4	0
122	Consumption of energy drinks in a representative sample of Irish adults aged 18â€“64 years. Proceedings of the Nutrition Society, 2015, 74, .	0.4	0
123	Dietary determinants of micronutrient intake in older Irish adults. Proceedings of the Nutrition Society, 2016, 75, .	0.4	0
124	Dietary determinants of saturated fat intake in Irish pre-school children aged 1â€“4 years. Proceedings of the Nutrition Society, 2017, 76, .	0.4	0
125	The role of yogurt in the diets of the Irish population (5â€“90y). Proceedings of the Nutrition Society, 2017, 76, .	0.4	0
126	Dietary Patterns in Irish Children (5â€“12yrs) and Weight Status. Proceedings of the Nutrition Society, 2018, 77, .	0.4	0

#	Article	IF	Citations
127	Micronutrient intake and adequacy in women of child-bearing age (WCBA) (18-50y) in Ireland. Proceedings of the Nutrition Society, 2019, 78, .	0.4	0
128	Beverage consumption in school-aged children (5â€“12y) in Ireland. Proceedings of the Nutrition Society, 2021, 80, .	0.4	0
129	The dietary role of unprocessed beef & lamb in a representative sample of adults aged 18â€“64 years in Ireland. Proceedings of the Nutrition Society, 2021, 80, .	0.4	0
130	Eating behaviour styles and their association with sex, BMI and energy intake in Irish teens from the National Teens' Food Survey II. Proceedings of the Nutrition Society, 2022, 81, .	0.4	0