

# Anouk Geelen

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

3,875  
citations

109137

35  
h-index

133063

59  
g-index

94  
all docs

94  
docs citations

94  
times ranked

6011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Fish Oil on Heart Rate in Humans. <i>Circulation</i> , 2005, 112, 1945-1952.	1.6	357
2	Self-reported energy intake by FFQ compared with actual energy intake to maintain body weight in 516 adults. <i>British Journal of Nutrition</i> , 2011, 106, 274-281.	1.2	195
3	Development and evaluation of the Dutch Healthy Diet index 2015. <i>Public Health Nutrition</i> , 2017, 20, 2289-2299.	1.1	170
4	Fish Consumption, n-3 Fatty Acids, and Colorectal Cancer: A Meta-Analysis of Prospective Cohort Studies. <i>American Journal of Epidemiology</i> , 2007, 166, 1116-1125.	1.6	159
5	Dietary Flavonol Intake May Lower Stroke Risk in Men and Women. <i>Journal of Nutrition</i> , 2010, 140, 600-604.	1.3	124
6	The Dutch Healthy Diet index (DHD-index): an instrument to measure adherence to the Dutch Guidelines for a Healthy Diet. <i>Nutrition Journal</i> , 2012, 11, 49.	1.5	103
7	Adherence to a Healthy Diet According to the World Health Organization Guidelines and All-Cause Mortality in Elderly Adults From Europe and the United States. <i>American Journal of Epidemiology</i> , 2014, 180, 978-988.	1.6	95
8	High-protein diets in hyperlipidemia: effect of wheat gluten on serum lipids, uric acid, and renal function. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 57-63.	2.2	94
9	Review Article Socio-economic determinants of micronutrient intake and status in Europe: a systematic review. <i>Public Health Nutrition</i> , 2014, 17, 1031-1045.	1.1	94
10	Effects of n-3 fatty acids from fish on premature ventricular complexes and heart rate in humans. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 416-420.	2.2	85
11	Validation of the Diet Quality Index for Adolescents by comparison with biomarkers, nutrient and food intakes: the HELENA study. <i>British Journal of Nutrition</i> , 2013, 109, 2067-2078.	1.2	82
12	Intake of n-3 fatty acids from fish does not lower serum concentrations of C-reactive protein in healthy subjects. <i>European Journal of Clinical Nutrition</i> , 2004, 58, 1440-1442.	1.3	77
13	Two non-consecutive 24h recalls using EPIC-Soft software are sufficiently valid for comparing protein and potassium intake between five European centres – results from the European Food Consumption Validation (EFCOVAL) study. <i>British Journal of Nutrition</i> , 2011, 105, 447-458.	1.2	77
14	Opposing associations of serum n-3 and n-6 polyunsaturated fatty acids with colorectal adenoma risk: An endoscopy-based case-control study. <i>International Journal of Cancer</i> , 2008, 123, 1974-1977.	2.3	75
15	Identification of potential serum biomarkers of inflammation and lipid modulation that are altered by fish oil supplementation in healthy volunteers. <i>Proteomics</i> , 2008, 8, 1965-1974.	1.3	71
16	Evaluation of a screener to assess diet quality in the Netherlands. <i>British Journal of Nutrition</i> , 2016, 115, 517-526.	1.2	70
17	Adherence to the WCRF/AICR Dietary Recommendations for Cancer Prevention and Risk of Cancer in Elderly from Europe and the United States: A Meta-Analysis within the CHANCES Project. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 136-144.	1.1	67
18	No effect of fish oil supplementation on serum inflammatory markers and their interrelationships: a randomized controlled trial in healthy, middle-aged individuals. <i>European Journal of Clinical Nutrition</i> , 2009, 63, 1353-1359.	1.3	61

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19	WHO guidelines for a healthy diet and mortality from cardiovascular disease in European and American elderly: the CHANCES project. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 745-756.	2.2	61
20	Adherence to dietary guidelines and cardiovascular disease risk in the EPIC-NL cohort. <i>International Journal of Cardiology</i> , 2014, 176, 354-359.	0.8	60
21	n <sup>3</sup> Fatty acids, cardiac arrhythmia and fatal coronary heart disease. <i>Progress in Lipid Research</i> , 2006, 45, 357-367.	5.3	57
22	The Maastricht FFQ: Development and validation of a comprehensive food frequency questionnaire for the Maastricht study. <i>Nutrition</i> , 2019, 62, 39-46.	1.1	57
23	Large inter-individual variation in isoflavone plasma concentration limits use of isoflavone intake data for risk assessment. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 1141-1147.	1.3	51
24	The Development of a Diet Quality Score for Preschool Children and Its Validation and Determinants in the Generation R Study. <i>Journal of Nutrition</i> , 2015, 145, 306-314.	1.3	50
25	Nutrient-rich foods, cardiovascular diseases and all-cause mortality: the Rotterdam study. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 741-747.	1.3	45
26	Diet quality in childhood: the Generation R Study. <i>European Journal of Nutrition</i> , 2019, 58, 1259-1269.	1.8	44
27	Does a better adherence to dietary guidelines reduce mortality risk and environmental impact in the Dutch sub-cohort of the European Prospective Investigation into Cancer and Nutrition?. <i>British Journal of Nutrition</i> , 2017, 118, 69-80.	1.2	43
28	Increased Consumption of Fatty and Lean Fish Reduces Serum C-Reactive Protein Concentrations but Not Inflammation Markers in Feces and in Colonic Biopsies. <i>Journal of Nutrition</i> , 2010, 140, 371-376.	1.3	42
29	Self-reported eating rate is associated with weight status in a Dutch population: a validation study and a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 121.	2.0	40
30	Fish consumption and markers of colorectal cancer risk: a multicenter randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 354-361.	2.2	39
31	Micronutrient intake and status in Central and Eastern Europe compared with other European countries, results from the EURRECA network. <i>Public Health Nutrition</i> , 2013, 16, 824-840.	1.1	39
32	BMI was found to be a consistent determinant related to misreporting of energy, protein and potassium intake using self-report and duplicate portion methods. <i>Public Health Nutrition</i> , 2017, 20, 598-607.	1.1	39
33	Evaluation of dietary intake assessed by the Dutch self-administered web-based dietary 24-h recall tool (Compl-eat <sup>®</sup> ) against interviewer-administered telephone-based 24-h recalls. <i>Journal of Nutritional Science</i> , 2017, 6, e49.	0.7	39
34	Pre-pregnancy dietary carbohydrate quantity and quality, and risk of developing gestational diabetes: the Australian Longitudinal Study on Women's Health. <i>British Journal of Nutrition</i> , 2018, 120, 435-444.	1.2	39
35	Isoflavone supplement composition and equal producer status affect gene expression in adipose tissue: a double-blind, randomized, placebo-controlled crossover trial in postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 1269-1277.	2.2	38
36	A national FFQ for the Netherlands (the FFQ-NL 1.0): validation of a comprehensive FFQ for adults. <i>British Journal of Nutrition</i> , 2016, 116, 913-923.	1.2	38

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37	User-documented food consumption data from publicly available apps: an analysis of opportunities and challenges for nutrition research. <i>Nutrition Journal</i> , 2018, 17, 59.	1.5	38
38	Effect of n-3 fatty acids on heart rate variability and baroreflex sensitivity in middle-aged subjects. <i>American Heart Journal</i> , 2003, 146, 344.	1.2	37
39	Adherence to the World Cancer Research Fund/American Institute for Cancer Research lifestyle recommendations in colorectal cancer survivors: results of the PROFILES registry. <i>Cancer Medicine</i> , 2016, 5, 2587-2595.	1.3	37
40	Antiarrhythmic effects of n-3 fatty acids: evidence from human studies. <i>Current Opinion in Lipidology</i> , 2004, 15, 25-30.	1.2	36
41	Apolipoprotein E polymorphism and serum lipid response to plant sterols in humans. <i>European Journal of Clinical Investigation</i> , 2002, 32, 738-742.	1.7	35
42	The Dutch Healthy Diet index as assessed by 24h recalls and FFQ: associations with biomarkers from a cross-sectional study. <i>Journal of Nutritional Science</i> , 2013, 2, e40.	0.7	34
43	Evaluation of food and nutrient intake assessment using concentration biomarkers in European adolescents from the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>British Journal of Nutrition</i> , 2013, 109, 736-747.	1.2	32
44	Online discussion compensates for suboptimal timing of supportive information presentation in a digitally supported learning environment. <i>Educational Technology Research and Development</i> , 2012, 60, 193-221.	2.0	31
45	A National Dietary Assessment Reference Database (NDARD) for the Dutch Population: Rationale behind the Design. <i>Nutrients</i> , 2017, 9, 1136.	1.7	30
46	Predicting urinary creatinine excretion and its usefulness to identify incomplete 24h urine collections. <i>British Journal of Nutrition</i> , 2012, 108, 1118-1125.	1.2	27
47	Comparison of duplicate portion and 24 h recall as reference methods for validating a FFQ using urinary markers as the estimate of true intake. <i>British Journal of Nutrition</i> , 2015, 114, 1304-1312.	1.2	27
48	Changes in Micronutrient Intake and Status, Diet Quality and Glucose Tolerance from Preconception to the Second Trimester of Pregnancy. <i>Nutrients</i> , 2019, 11, 460.	1.7	27
49	Nutrition Questionnaires plus (NQplus) study, a prospective study on dietary determinants and cardiometabolic health in Dutch adults. <i>BMJ Open</i> , 2018, 8, e020228.	0.8	26
50	Reporting accuracy of population dietary sodium intake using duplicate 24h dietary recalls and a salt questionnaire. <i>British Journal of Nutrition</i> , 2015, 113, 488-497.	1.2	25
51	Evaluation of using spot urine to replace 24 h urine sodium and potassium excretions. <i>Public Health Nutrition</i> , 2014, 17, 2505-2511.	1.1	24
52	Alcoholic beverage preference and diet in a representative Dutch population: the Dutch national food consumption survey 2007-2010. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 287-294.	1.3	24
53	Comparison of meal patterns across five European countries using standardized 24-h recall (GloboDiet) data from the EFCOVAL project. <i>European Journal of Nutrition</i> , 2018, 57, 1045-1057.	1.8	24
54	Women, their Offspring and iMproving lifestyle for Better cardiovascular health of both (WOMB) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 e016579.	0.8	24

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55	Estrogen Receptor-Mediated Effects of Isoflavone Supplementation Were Not Observed in Whole-Genome Gene Expression Profiles of Peripheral Blood Mononuclear Cells in Postmenopausal, Equol-Producing Women. <i>Journal of Nutrition</i> , 2013, 143, 774-780.	1.3	23
56	Evaluation of a nutrient-rich food index score in the Netherlands. <i>Journal of Nutritional Science</i> , 2015, 4, e14.	0.7	23
57	Bias in protein and potassium intake collected with 24-h recalls (EPIC-Soft) is rather comparable across European populations. <i>European Journal of Nutrition</i> , 2012, 51, 997-1010.	1.8	22
58	Effects of a preconception lifestyle intervention in obese infertile women on diet and physical activity; A secondary analysis of a randomized controlled trial. <i>PLoS ONE</i> , 2018, 13, e0206888.	1.1	22
59	Supplement Use and Dietary Sources of Folate, Vitamin D, and n-3 Fatty Acids during Preconception: The GLIMP2 Study. <i>Nutrients</i> , 2018, 10, 962.	1.7	22
60	Uncertainty in Intake Due to Portion Size Estimation in 24-Hour Recalls Varies Between Food Groups. <i>Journal of Nutrition</i> , 2011, 141, 1396-1401.	1.3	21
61	A systematic review of methods to assess intake of fruits and vegetables among healthy European adults and children: a DEDIPAC (DEterminants of Diet and Physical Activity) study. <i>Public Health Nutrition</i> , 2017, 20, 417-448.	1.1	21
62	Advanced glycation end-products (AGEs) and associations with cardio-metabolic, lifestyle, and dietary factors in a general population: the NQplus study. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2892.	1.7	20
63	Determinants of successful lifestyle change during a 6-month preconception lifestyle intervention in women with obesity and infertility. <i>European Journal of Nutrition</i> , 2019, 58, 2463-2475.	1.8	19
64	(n-3) Fatty Acids Do Not Affect Electrocardiographic Characteristics of Healthy Men and Women. <i>Journal of Nutrition</i> , 2002, 132, 3051-3054.	1.3	18
65	Food identification by barcode scanning in the Netherlands: a quality assessment of labelled food product databases underlying popular nutrition applications. <i>Public Health Nutrition</i> , 2018, 22, 1-8.	1.1	17
66	Effect of n-3 fatty acids from fish on electrocardiographic characteristics in patients with frequent premature ventricular complexes. <i>British Journal of Nutrition</i> , 2005, 93, 787-790.	1.2	15
67	Pre-pregnancy dietary micronutrient adequacy is associated with lower risk of developing gestational diabetes in Australian women. <i>Nutrition Research</i> , 2019, 62, 32-40.	1.3	15
68	The accuracy of portion size estimation using food images and textual descriptions of portion sizes: an evaluation study. <i>Journal of Human Nutrition and Dietetics</i> , 2021, 34, 945-952.	1.3	15
69	Comparison of approaches to correct intake-health associations for FFQ measurement error using a duplicate recovery biomarker and a duplicate 24 h dietary recall as reference method. <i>Public Health Nutrition</i> , 2015, 18, 226-233.	1.1	14
70	Sweet Snacks Are Positively and Fruits and Vegetables Are Negatively Associated with Visceral or Liver Fat Content in Middle-Aged Men and Women. <i>Journal of Nutrition</i> , 2019, 149, 304-313.	1.3	14
71	Development and external validation of the Flower-FFQ™: a FFQ designed for the Lifelines Cohort Study. <i>Public Health Nutrition</i> , 2021, , 1-12.	1.1	13
72	Increasing fish consumption does not affect genotoxicity markers in the colon in an intervention study. <i>Carcinogenesis</i> , 2010, 31, 1087-1091.	1.3	12

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73	Associations of alcoholic beverage preference with cardiometabolic and lifestyle factors: the NQplus study. <i>BMJ Open</i> , 2016, 6, e010437.	0.8	12
74	Pre-to-post diagnosis weight trajectories in colorectal cancer patients with non-metastatic disease. <i>Supportive Care in Cancer</i> , 2019, 27, 1541-1549.	1.0	12
75	Socioeconomic factors are associated with folate and vitamin B12 intakes and related biomarkers concentrations in European adolescents: the Healthy Lifestyle in Europe by Nutrition in Adolescence study. <i>Nutrition Research</i> , 2014, 34, 199-209.	1.3	11
76	Consumption of Alcoholic and Sugar-Sweetened Beverages is Associated with Increased Liver Fat Content in Middle-Aged Men and Women. <i>Journal of Nutrition</i> , 2019, 149, 649-658.	1.3	10
77	Alcoholic Beverage Preference and Dietary Habits in Elderly across Europe: Analyses within the Consortium on Health and Ageing: Network of Cohorts in Europe and the United States (CHANCES) Project. <i>PLoS ONE</i> , 2016, 11, e0161603.	1.1	9
78	Systematic Review of Observational Studies with Dose-Response Meta-Analysis between Folate Intake and Status Biomarkers in Adults and the Elderly. <i>Annals of Nutrition and Metabolism</i> , 2018, 73, 30-43.	1.0	9
79	Design aspects of 24 h recall assessments may affect the estimates of protein and potassium intake in dietary surveys. <i>Public Health Nutrition</i> , 2012, 15, 1196-1200.	1.1	8
80	A systematic review of methods to assess intake of sugar-sweetened beverages among healthy European adults and children: a DEDIPAC (DEterminants of Diet and Physical Activity) study. <i>Public Health Nutrition</i> , 2017, 20, 578-597.	1.1	7
81	A national FFQ for the Netherlands (the FFQ-NL1.0): development and compatibility with existing Dutch FFQs. <i>Public Health Nutrition</i> , 2018, 21, 2221-2229.	1.1	7
82	Using enhanced regression calibration to combine dietary intake estimates from 24 h recall and FFQ reduces bias in diet-disease associations. <i>Public Health Nutrition</i> , 2019, 22, 2738-2746.	1.1	7
83	Importance of details in food descriptions in estimating population nutrient intake distributions. <i>Nutrition Journal</i> , 2019, 18, 17.	1.5	7
84	Adherence to a food group-based dietary guideline and incidence of prediabetes and type 2 diabetes. <i>European Journal of Nutrition</i> , 2020, 59, 2159-2169.	1.8	7
85	Preconception Lifestyle and Cardiovascular Health in the Offspring of Overweight and Obese Women. <i>Nutrients</i> , 2019, 11, 2446.	1.7	6
86	A systematic review of methods to assess intake of saturated fat (SF) among healthy European adults and children: a DEDIPAC (Determinants of Diet and Physical Activity) study. <i>BMC Nutrition</i> , 2018, 4, 21.	0.6	5
87	Validating fatty acid intake as estimated by an FFQ: how does the 24 h recall perform as reference method compared with the duplicate portion?. <i>Public Health Nutrition</i> , 2018, 21, 2568-2574.	1.1	4
88	Adherence to dietary guidelines in relation to visceral fat and liver fat in middle-aged men and women: the NEO study. <i>International Journal of Obesity</i> , 2020, 44, 297-306.	1.6	4
89	Optimizing Low Socioeconomic Status Pregnant Women's Dietary Intake in the Netherlands: Protocol for a Mixed-Methods Study. <i>JMIR Research Protocols</i> , 2020, 9, e14796.	0.5	3
90	Validity of Absolute Intake and Nutrient Density of Protein, Potassium, and Sodium Assessed by Various Dietary Assessment Methods: An Exploratory Study. <i>Nutrients</i> , 2020, 12, 109.	1.7	2

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91	A risk assessment-driven quantitative comparison of gene expression profiles in PBMCs and white adipose tissue of humans and rats after isoflavone supplementation. Food and Chemical Toxicology, 2016, 95, 203-210.	1.8	1