

Matthieu Maillot

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.

52 papers	2,047 citations	24 h-index	45 g-index
56 ext. papers	2,419 ext. citations	4.7 avg, IF	4.91 L-index

#	Paper	IF	Citations
52	Early adiposity rebound: causes and consequences for obesity in children and adults. <i>International Journal of Obesity</i> , 2006 , 30 Suppl 4, S11-7	5.5	288
51	A nutrient density standard for vegetables and fruits: nutrients per calorie and nutrients per unit cost. <i>Journal of the American Dietetic Association</i> , 2005 , 105, 1881-7		162
50	Nutrient-dense food groups have high energy costs: an econometric approach to nutrient profiling. <i>Journal of Nutrition</i> , 2007 , 137, 1815-20	4.1	149
49	A review of total & added sugar intakes and dietary sources in Europe. <i>Nutrition Journal</i> , 2017 , 16, 6	4.3	148
48	Nutrient profiles discriminate between foods according to their contribution to nutritionally adequate diets: a validation study using linear programming and the SAIN,LIM system. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1227-36	7	110
47	How low can dietary greenhouse gas emissions be reduced without impairing nutritional adequacy, affordability and acceptability of the diet? A modelling study to guide sustainable food choices. <i>Public Health Nutrition</i> , 2016 , 19, 2662-74	3.3	90
46	Can we trust untargeted metabolomics? Results of the metabo-ring initiative, a large-scale, multi-instrument inter-laboratory study. <i>Metabolomics</i> , 2015 , 11, 807-821	4.7	84
45	Individual diet modeling translates nutrient recommendations into realistic and individual-specific food choices. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 421-30	7	80
44	Mathematical Optimization to Explore Tomorrow's Sustainable Diets: A Narrative Review. <i>Advances in Nutrition</i> , 2018 , 9, 602-616	10	68
43	Should nutrient profiles be based on 100 g, 100 kcal or serving size?. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 898-904	5.2	67
42	The shortest way to reach nutritional goals is to adopt Mediterranean food choices: evidence from computer-generated personalized diets. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 1127-37	7	67
41	Nutrient profiling can help identify foods of good nutritional quality for their price: a validation study with linear programming. <i>Journal of Nutrition</i> , 2008 , 138, 1107-13	4.1	62
40	Testing nutrient profile models in relation to energy density and energy cost. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 674-83	5.2	61
39	Diet optimization methods can help translate dietary guidelines into a cancer prevention food plan. <i>Journal of Nutrition</i> , 2009 , 139, 1541-8	4.1	50
38	A conflict between nutritionally adequate diets and meeting the 2010 dietary guidelines for sodium. <i>American Journal of Preventive Medicine</i> , 2012 , 42, 174-9	6.1	49
37	Are the lowest-cost healthful food plans culturally and socially acceptable?. <i>Public Health Nutrition</i> , 2010 , 13, 1178-85	3.3	49
36	The feasibility of meeting the WHO guidelines for sodium and potassium: a cross-national comparison study. <i>BMJ Open</i> , 2015 , 5, e006625	3	37

35	To meet nutrient recommendations, most French adults need to expand their habitual food repertoire. <i>Journal of Nutrition</i> , 2009 , 139, 1721-7	4.1	36
34	Water and beverage consumption patterns among 4 to 13-year-old children in the United Kingdom. <i>BMC Public Health</i> , 2017 , 17, 479	4.1	29
33	Low-cost foods: how do they compare with their brand name equivalents? A French study. <i>Public Health Nutrition</i> , 2009 , 12, 808-15	3.3	28
32	Energy allowances for solid fats and added sugars in nutritionally adequate U.S. diets estimated at 17-33% by a linear programming model. <i>Journal of Nutrition</i> , 2011 , 141, 333-40	4.1	28
31	In-store marketing of inexpensive foods with good nutritional quality in disadvantaged neighborhoods: increased awareness, understanding, and purchasing. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 104	8.4	27
30	Water and beverage consumption among children aged 4-13 years in France: analyses of INCA 2 (Étude Individuelle Nationale des Consommations Alimentaires 2006-2007) data. <i>Public Health Nutrition</i> , 2016 , 19, 2305-14	3.3	25
29	Dietary changes needed to reach nutritional adequacy without increasing diet cost according to income: An analysis among French adults. <i>PLoS ONE</i> , 2017 , 12, e0174679	3.7	23
28	Individual Diet Modeling Shows How to Balance the Diet of French Adults with or without Excessive Free Sugar Intakes. <i>Nutrients</i> , 2017 , 9,	6.7	18
27	Food pattern modeling shows that the 2010 Dietary Guidelines for sodium and potassium cannot be met simultaneously. <i>Nutrition Research</i> , 2013 , 33, 188-94	4	18
26	Quantifying the contribution of foods with unfavourable nutrient profiles to nutritionally adequate diets. <i>British Journal of Nutrition</i> , 2011 , 105, 1133-7	3.6	18
25	From the SAIN,LIM system to the SENS algorithm: a review of a French approach of nutrient profiling. <i>Proceedings of the Nutrition Society</i> , 2017 , 76, 237-246	2.9	15
24	A methodology to compile food metrics related to diet sustainability into a single food database: Application to the French case. <i>Food Chemistry</i> , 2018 , 238, 125-133	8.5	14
23	Dairy products: how they fit in nutritionally adequate diets. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2013 , 113, 950-6	3.9	13
22	Drinking Water Intake Is Associated with Higher Diet Quality among French Adults. <i>Nutrients</i> , 2016 , 8,	6.7	13
21	Tea Consumption Patterns in Relation to Diet Quality among Children and Adults in the United States: Analyses of NHANES 2011-2016 Data. <i>Nutrients</i> , 2019 , 11,	6.7	12
20	Role of Young Child Formulae and Supplements to Ensure Nutritional Adequacy in U.K. Young Children. <i>Nutrients</i> , 2016 , 8,	6.7	12
19	Designing Optimal Breakfast for the United States Using Linear Programming and the NHANES 2011-2014 Database: A Study from the International Breakfast Research Initiative (IBRI). <i>Nutrients</i> , 2019 , 11,	6.7	10
18	Consumption Patterns of Milk and 100% Juice in Relation to Diet Quality and Body Weight Among United States Children: Analyses of NHANES 2011-16 Data. <i>Frontiers in Nutrition</i> , 2019 , 6, 117	6.2	8

17	The SENS algorithm-a new nutrient profiling system for food labelling in Europe. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 236-248	5.2	8
16	Modeled dietary impact of industry-wide food and beverage reformulations in the United States and France. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 225-232	7	7
15	Flavonoid Intakes in the US Diet Are Linked to Higher Socioeconomic Status and to Tea Consumption: Analyses of NHANES 2011-16 Data. <i>Journal of Nutrition</i> , 2020 , 150, 2147-2155	4.1	7
14	The Presence of Pulses within a Meal can Alter Fat-Soluble Vitamin Bioavailability. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801323	5.9	6
13	Relationships Between Gut Microbiota, Metabolome, Body Weight, and Glucose Homeostasis of Obese Dogs Fed with Diets Differing in Prebiotic and Protein Content. <i>Microorganisms</i> , 2020 , 8,	4.9	6
12	The simplified nutrient profiling system (SENS) adequately ranks foods in relation to the overall nutritional quality of diets: a validation study. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 593-602	5.2	4
11	Apports en sucres et principaux contributeurs dans la population française. <i>Cahiers De Nutrition Et De Dietetique</i> , 2017 , 52, S58-S65	0.2	3
10	Enfants et adultes forts consommateurs de sucres libres en France : quels changements alimentaires pour respecter les recommandations nutritionnelles ?. <i>Cahiers De Nutrition Et De Dietetique</i> , 2017 , 52, S66-S79	0.2	3
9	Ultra-processed foods: how functional is the NOVA system?. <i>European Journal of Clinical Nutrition</i> , 2022 ,	5.2	3
8	A New Carbohydrate Food Quality Scoring System to Reflect Dietary Guidelines: An Expert Panel Report.. <i>Nutrients</i> , 2022 , 14,	6.7	2
7	Consumption of 100% Orange Juice in Relation to Flavonoid Intakes and Diet Quality Among US Children and Adults: Analyses of NHANES 2013-16 Data. <i>Frontiers in Nutrition</i> , 2020 , 7, 63	6.2	1
6	Testing the nutritional relevance of food-based dietary guidelines with mathematical optimisation of individual diets. <i>Nutrition Bulletin</i> , 2020 , 45, 175-188	3.5	1
5	Modélisation de l'impact du respect des nouvelles recommandations alimentaires françaises sur les apports nutritionnels des adultes. <i>Cahiers De Nutrition Et De Dietetique</i> , 2020 , 55, 18-29	0.2	1
4	Sustainable Diet Optimization Targeting Dietary Water Footprint Reduction: A Country-Specific Study. <i>Sustainability</i> , 2022 , 14, 2309	3.6	1
3	Number of meal components, nutritional guidelines, vegetarian meals, avoiding ruminant meat: what is the best trade-off for improving school meal sustainability?. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	0
2	Multiple Metrics of Carbohydrate Quality Place Starchy Vegetables Alongside Non-starchy Vegetables, Legumes, and Whole Fruit.. <i>Frontiers in Nutrition</i> , 2022 , 9, 867378	6.2	0
1	Modeled industry-wide food and beverage reformulations reduce the gap between current and nutritionally adequate dietary intakes among French adults. <i>European Journal of Nutrition</i> , 2020 , 59, 1123-1134	5.2	