

Jean-François Huneau

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,442
citations

430874

18
h-index

345221

36
g-index

50
all docs

50
docs citations

50
times ranked

2008
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary copper and human health: Current evidence and unresolved issues. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 35, 107-115.	3.0	467
2	Evaluation of a Diet Quality Index Based on the Probability of Adequate Nutrient Intake (PANDiet) Using National French and US Dietary Surveys. <i>PLoS ONE</i> , 2012, 7, e42155.	2.5	88
3	Patterns of Protein Food Intake Are Associated with Nutrient Adequacy in the General French Adult Population. <i>Nutrients</i> , 2018, 10, 226.	4.1	58
4	Plant and Animal Protein Intakes Are Differently Associated with Nutrient Adequacy of the Diet of French Adults. <i>Journal of Nutrition</i> , 2013, 143, 1466-1473.	2.9	54
5	Self-declared attitudes and beliefs regarding protein sources are a good prediction of the degree of transition to a low-meat diet in France. <i>Appetite</i> , 2019, 142, 104345.	3.7	49
6	Quinoa extract enriched in 20-hydroxyecdysone affects energy homeostasis and intestinal fat absorption in mice fed a high-fat diet. <i>Physiology and Behavior</i> , 2014, 128, 226-231.	2.1	48
7	Protein Adequacy Is Primarily a Matter of Protein Quantity, Not Quality: Modeling an Increase in Plant:Animal Protein Ratio in French Adults. <i>Nutrients</i> , 2017, 9, 1333.	4.1	48
8	The Nature of the Dietary Protein Impacts the Tissue-to-Diet 15N Discrimination Factors in Laboratory Rats. <i>PLoS ONE</i> , 2011, 6, e28046.	2.5	48
9	Natural Isotopic Signatures of Variations in Body Nitrogen Fluxes: A Compartmental Model Analysis. <i>PLoS Computational Biology</i> , 2014, 10, e1003865.	3.2	43
10	Concerns, attitudes, beliefs and information seeking practices with respect to nutrition-related issues: a qualitative study in French pregnant women. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 306.	2.4	43
11	Plant-Protein Diversity Is Critical to Ensuring the Nutritional Adequacy of Diets When Replacing Animal With Plant Protein: Observed and Modeled Diets of French Adults (INCA3). <i>Journal of Nutrition</i> , 2020, 150, 536-545.	2.9	37
12	Substituting Meat or Dairy Products with Plant-Based Substitutes Has Small and Heterogeneous Effects on Diet Quality and Nutrient Security: A Simulation Study in French Adults (INCA3). <i>Journal of Nutrition</i> , 2021, 151, 2435-2445.	2.9	35
13	Environmental and nutritional analysis of the EAT-Lancet diet at the individual level: insights from the NutriNet-Santé study. <i>Journal of Cleaner Production</i> , 2021, 296, 126555.	9.3	29
14	Contrary to ultra-processed foods, the consumption of unprocessed or minimally processed foods is associated with favorable patterns of protein intake, diet quality and lower cardiometabolic risk in French adults (INCA3). <i>European Journal of Nutrition</i> , 2021, 60, 4055-4067.	3.9	28
15	Unconditional Cash Transfers Do Not Prevent Children's Undernutrition in the Moderate Acute Malnutrition Out (MAM-Out) Cluster-Randomized Controlled Trial in Rural Burkina Faso. <i>Journal of Nutrition</i> , 2017, 147, 1410-1417.	2.9	27
16	L-Arginine Supplementation Alleviates Postprandial Endothelial Dysfunction When Baseline Fasting Plasma Arginine Concentration Is Low: A Randomized Controlled Trial in Healthy Overweight Adults with Cardiometabolic Risk Factors. <i>Journal of Nutrition</i> , 2016, 146, 1330-1340.	2.9	25
17	Unconditional Seasonal Cash Transfer Increases Intake of High-Nutritional-Value Foods in Young Burkinabe Children: Results of 24-Hour Dietary Recall Surveys within the Moderate Acute Malnutrition Out (MAM-Out) Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2017, 147, 1418-1425.	2.9	24
18	Results, meta-analysis and a first evaluation of UNOxR, the urinary nitrate-to-nitrite molar ratio, as a measure of nitrite reabsorption in experimental and clinical settings. <i>Amino Acids</i> , 2018, 50, 799-821.	2.7	23

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19	Plant Protein Intake and Dietary Diversity Are Independently Associated with Nutrient Adequacy in French Adults. <i>Journal of Nutrition</i> , 2016, 146, 2351-2360.	2.9	21
20	Early changes in tissue amino acid metabolism and nutrient routing in rats fed a high-fat diet: evidence from natural isotope abundances of nitrogen and carbon in tissue proteins. <i>British Journal of Nutrition</i> , 2018, 119, 981-991.	2.3	19
21	Pregnancy Requires Major Changes in the Quality of the Diet for Nutritional Adequacy: Simulations in the French and the United States Populations. <i>PLoS ONE</i> , 2016, 11, e0149858.	2.5	19
22	Modeled healthy eating patterns are largely constrained by currently estimated requirements for bioavailable iron and zinc—a diet optimization study in French adults. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 958-969.	4.7	19
23	Plant and Animal Protein Intakes Are Differentially Associated with Large Clusters of Nutrient Intake that May Explain Part of Their Complex Relation with CVD Risk. <i>Advances in Nutrition</i> , 2016, 7, 559-560.	6.4	16
24	Combining Plant Proteins to Achieve Amino Acid Profiles Adapted to Various Nutritional Objectives—An Exploratory Analysis Using Linear Programming. <i>Frontiers in Nutrition</i> , 2021, 8, 809685.	3.7	15
25	The Initial Dietary Pattern Should Be Considered when Changing Protein Food Portion Sizes to Increase Nutrient Adequacy in French Adults. <i>Journal of Nutrition</i> , 2019, 149, 488-496.	2.9	14
26	A Scoping Review: Metabolomics Signatures Associated with Animal and Plant Protein Intake and Their Potential Relation with Cardiometabolic Risk. <i>Advances in Nutrition</i> , 2021, 12, 2112-2131.	6.4	14
27	The MAM™Out project: a randomized controlled trial to assess multiannual and seasonal cash transfers for the prevention of acute malnutrition in children under 36 months in Burkina Faso. <i>BMC Public Health</i> , 2015, 15, 762.	2.9	13
28	Development and evaluation of a new dietary index assessing nutrient security by aggregating probabilistic estimates of the risk of nutrient deficiency in two French adult populations. <i>British Journal of Nutrition</i> , 2021, 126, 1225-1236.	2.3	12
29	A Slow- Compared with a Fast-Release Form of Oral Arginine Increases Its Utilization for Nitric Oxide Synthesis in Overweight Adults with Cardiometabolic Risk Factors in a Randomized Controlled Study. <i>Journal of Nutrition</i> , 2016, 146, 1322-1329.	2.9	11
30	Natural Isotope Abundances of Carbon and Nitrogen in Tissue Proteins and Amino Acids as Biomarkers of the Decreased Carbohydrate Oxidation and Increased Amino Acid Oxidation Induced by Caloric Restriction under a Maintained Protein Intake in Obese Rats. <i>Nutrients</i> , 2019, 11, 1087.	4.1	10
31	Conservative to disruptive diets for optimizing nutrition, environmental impacts and cost in French adults from the NutriNet-Santé cohort. <i>Nature Food</i> , 2021, 2, 174-182.	14.0	10
32	Beneficiaries' perceptions and reported use of unconditional cash transfers intended to prevent acute malnutrition in children in poor rural communities in Burkina Faso: qualitative results from the MAM™Out randomized controlled trial. <i>BMC Public Health</i> , 2017, 17, 527.	2.9	9
33	Weaning and stunting affect nitrogen and carbon stable isotope natural abundances in the hair of young children. <i>Scientific Reports</i> , 2020, 10, 2522.	3.3	9
34	Plant and Animal Protein Intakes Largely Explain the Nutritional Quality and Health Value of Diets Higher in Plants: A Path Analysis in French Adults. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	9
35	<i>n</i> -3 Fatty acids preserve muscle mass and insulin sensitivity in a rat model of energy restriction. <i>British Journal of Nutrition</i> , 2016, 116, 1141-1152.	2.3	7
36	The Willingness to Modify Portion Sizes or Eat New Protein Foods Largely Depends on the Dietary Pattern of Protein Intake. <i>Nutrients</i> , 2019, 11, 1556.	4.1	7

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37	Modeled gradual changes in protein intake to increase nutrient adequacy lead to greater sustainability when systematically targeting an increase in the share of plant protein. <i>Climatic Change</i> , 2020, 161, 129-149.	3.6	7
38	The potential effects of meat substitution on diet quality could be high if meat substitutes are optimized for nutritional composition—a modeling study in French adults (INCA3). <i>European Journal of Nutrition</i> , 2022, 61, 1991-2002.	3.9	7
39	Postprandial low-grade inflammation does not specifically require TLR4 activation in the rat. <i>Nutrition and Metabolism</i> , 2017, 14, 65.	3.0	5
40	NO synthesis from arginine is favored by ω -3-linolenic acid in mice fed a high-fat diet. <i>Amino Acids</i> , 2016, 48, 2157-2168.	2.7	4
41	A clear trade-off exists between the theoretical efficiency and acceptability of dietary changes that improve nutrient adequacy during early pregnancy in French women: Combined data from simulated changes modeling and online assessment survey. <i>PLoS ONE</i> , 2018, 13, e0194764.	2.5	3
42	Effects of multiannual, seasonal unconditional cash transfers on food security and dietary diversity in rural Burkina Faso: the Moderate Acute Malnutrition Out (MAM-Out) cluster-randomized controlled trial. <i>Public Health Nutrition</i> , 2019, 22, 1089-1099.	2.2	3
43	Perceptions of Tailored Dietary Advice to Improve the Nutrient Adequacy of the Diet in French Pregnant Women. <i>Nutrients</i> , 2022, 14, 85.	4.1	1
44	Early β -cells recruitment and activation of NF- κ B in adipose tissue are early features of postprandial vascular endothelial dysfunction. <i>FASEB Journal</i> , 2008, 22, 298.5.	0.5	0
45	Including rapeseed protein in a high-fat meal prevents postprandial vascular endothelial dysfunction in rats. <i>FASEB Journal</i> , 2008, 22, 312.4.	0.5	0
46	Energy restriction with high-protein diets decreases visceral fat mass but not fasting and postprandial inflammation in overweight insulin-resistant rats. <i>FASEB Journal</i> , 2009, 23, 910.9.	0.5	0
47	Dietary protein quality influences the pattern of natural isotopic composition of nitrogen in rats. <i>FASEB Journal</i> , 2010, 24, 740.6.	0.5	0
48	A new method for the multi-tissue estimation of protein turnover by compartmental analysis of the nitrogen isotope dynamics in rats fed a 15 N-enriched diet. <i>FASEB Journal</i> , 2011, 25, 983.14.	0.5	0