

Jean-François Huneau

List of Publications by Year in descending order

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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	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
2	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
3	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
4	Conservative to disruptive diets for optimizing nutrition, environmental impacts and cost in French adults from the NutriNet-Sant� cohort. <i>Nature Food</i> , 2021, 2, 174-182.	14.0	10
5	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
6	Environmental and nutritional analysis of the EAT-Lancet diet at the individual level: insights from the NutriNet-Sant� study. <i>Journal of Cleaner Production</i> , 2021, 296, 126555.	9.3	29
7	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
8	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
9	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
10	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
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	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	Postprandial low-grade inflammation does not specifically require TLR4 activation in the rat. <i>Nutrition and Metabolism</i> , 2017, 14, 65.	3.0	5
28	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
29	n-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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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. BMC Public Health, 2015, 15, 762.	2.9	13
38	Natural Isotopic Signatures of Variations in Body Nitrogen Fluxes: A Compartmental Model Analysis. PLoS Computational Biology, 2014, 10, e1003865.	3.2	43
39	Quinoa extract enriched in 20-hydroxyecdysone affects energy homeostasis and intestinal fat absorption in mice fed a high-fat diet. Physiology and Behavior, 2014, 128, 226-231.	2.1	48
40	Plant and Animal Protein Intakes Are Differently Associated with Nutrient Adequacy of the Diet of French Adults. Journal of Nutrition, 2013, 143, 1466-1473.	2.9	54
41	Evaluation of a Diet Quality Index Based on the Probability of Adequate Nutrient Intake (PANDiet) Using National French and US Dietary Surveys. PLoS ONE, 2012, 7, e42155.	2.5	88
42	The Nature of the Dietary Protein Impacts the Tissue-to-Diet 15N Discrimination Factors in Laboratory Rats. PLoS ONE, 2011, 6, e28046.	2.5	48
43	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. FASEB Journal, 2011, 25, 983.14.	0.5	0
44	Dietary protein quality influences the pattern of natural isotopic composition of nitrogen in rats. FASEB Journal, 2010, 24, 740.6.	0.5	0
45	Energy restriction with high-protein diets decreases visceral fat mass but not fasting and postprandial inflammation in overweight insulin-resistant rats. FASEB Journal, 2009, 23, 910.9.	0.5	0
46	Early B-cells recruitment and activation of NF- κ B in adipose tissue are early features of postprandial vascular endothelial dysfunction. FASEB Journal, 2008, 22, 298.5.	0.5	0
47	Including rapeseed protein in a high-fat meal prevents postprandial vascular endothelial dysfunction in rats. FASEB Journal, 2008, 22, 312.4.	0.5	0
48	Plant and Animal Protein Intakes Largely Explain the Nutritional Quality and Health Value of Diets Higher in Plants: A Path Analysis in French Adults. Frontiers in Nutrition, 0, 9, .	3.7	9