

# Albert Salas-Huetos

## List of Publications by Citations

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69  
papers

1,836  
citations

23  
h-index

40  
g-index

84  
ext. papers

2,660  
ext. citations

5.6  
avg, IF

5.03  
L-index

#	Paper	IF	Citations
69	Dietary patterns, foods and nutrients in male fertility parameters and fecundability: a systematic review of observational studies. <i>Human Reproduction Update</i> , <b>2017</b> , 23, 371-389	15.8	181
68	Effect of a Lifestyle Intervention Program With Energy-Restricted Mediterranean Diet and Exercise on Weight Loss and Cardiovascular Risk Factors: One-Year Results of the PREDIMED-Plus Trial. <i>Diabetes Care</i> , <b>2019</b> , 42, 777-788	14.6	123
67	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 387-388o	7.8	87
66	Legume consumption is inversely associated with type 2 diabetes incidence in adults: A prospective assessment from the PREDIMED study. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 906-913	5.9	71
65	Spermatozoa from patients with seminal alterations exhibit a differential micro-ribonucleic acid profile. <i>Fertility and Sterility</i> , <b>2015</b> , 104, 591-601	4.8	69
64	Mediterranean diet and quality of life: Baseline cross-sectional analysis of the PREDIMED-PLUS trial. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198974	3.7	65
63	Total and subtypes of dietary fat intake and risk of type 2 diabetes mellitus in the Prevenci3n con Dieta Mediterr3nea (PREDIMED) study. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 723-735	7	62
62	Dietary Marine 3 Fatty Acids and Incident Sight-Threatening Retinopathy in Middle-Aged and Older Individuals With Type 2 Diabetes: Prospective Investigation From the PREDIMED Trial. <i>JAMA Ophthalmology</i> , <b>2016</b> , 134, 1142-1149	3.9	60
61	New insights into the expression profile and function of micro-ribonucleic acid in human spermatozoa. <i>Fertility and Sterility</i> , <b>2014</b> , 102, 213-222.e4	4.8	58
60	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 1221-1231	5.9	55
59	The Effect of Nutrients and Dietary Supplements on Sperm Quality Parameters: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Advances in Nutrition</i> , <b>2018</b> , 9, 833-848	10	52
58	Frequent Consumption of Sugar- and Artificially Sweetened Beverages and Natural and Bottled Fruit Juices Is Associated with an Increased Risk of Metabolic Syndrome in a Mediterranean Population at High Cardiovascular Disease Risk. <i>Journal of Nutrition</i> , <b>2016</b> , 146, 1528-36	4.1	43
57	Cultural and historical aspects of Mediterranean nuts with emphasis on their attributed healthy and nutritional properties. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2011</b> , 21 Suppl 1, S1-6	4.5	40
56	Effect of a Nutritional and Behavioral Intervention on Energy-Reduced Mediterranean Diet Adherence Among Patients With Metabolic Syndrome: Interim Analysis of the PREDIMED-Plus Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 1486-1499	27.4	38
55	The Role of the Epididymis and the Contribution of Epididymosomes to Mammalian Reproduction. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	36
54	A Mediterranean Diet Rich in Extra-Virgin Olive Oil Is Associated with a Reduced Prevalence of Nonalcoholic Fatty Liver Disease in Older Individuals at High Cardiovascular Risk. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 1920-1929	4.1	35
53	Diet and sperm quality: Nutrients, foods and dietary patterns. <i>Reproductive Biology</i> , <b>2019</b> , 19, 219-224	2.3	32

52	Effects of Dietary Phytoestrogens on Hormones throughout a Human Lifespan: A Review. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	32
51	The role of miRNAs in male human reproduction: a systematic review. <i>Andrology</i> , <b>2020</b> , 8, 7-26	4.2	31
50	Effect of nut consumption on semen quality and functionality in healthy men consuming a Western-style diet: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 108, 953-962	7.2	30
49	Spermatozoa from infertile patients exhibit differences of DNA methylation associated with spermatogenesis-related processes: an array-based analysis. <i>Reproductive BioMedicine Online</i> , <b>2016</b> , 33, 709-719	4	29
48	Spermatozoa from normozoospermic fertile and infertile individuals convey a distinct miRNA cargo. <i>Andrology</i> , <b>2016</b> , 4, 1028-1036	4.2	29
47	Carbohydrate quality changes and concurrent changes in cardiovascular risk factors: a longitudinal analysis in the PREDIMED-Plus randomized trial. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 291-306	7	22
46	Clinical implications of sperm DNA damage in IVF and ICSI: updated systematic review and meta-analysis. <i>Biological Reviews</i> , <b>2021</b> , 96, 1284-1300	13.5	21
45	Disease gene discovery in male infertility: past, present and future. <i>Human Genetics</i> , <b>2021</b> , 140, 7-19	6.3	21
44	Mediterranean nuts: origins, ancient medicinal benefits and symbolism. <i>Public Health Nutrition</i> , <b>2011</b> , 14, 2296-301	3.3	20
43	The Expression of miRNAs in Human Ovaries, Oocytes, Extracellular Vesicles, and Early Embryos: A Systematic Review. <i>Cells</i> , <b>2019</b> , 8,	7.9	20
42	Body adiposity indicators and cardiometabolic risk: Cross-sectional analysis in participants from the PREDIMED-Plus trial. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 1883-1891	5.9	19
41	A systematic review of the validated monogenic causes of human male infertility: 2020 update and a discussion of emerging gene-disease relationships. <i>Human Reproduction Update</i> , <b>2021</b> ,	15.8	19
40	Male adiposity, sperm parameters and reproductive hormones: An updated systematic review and collaborative meta-analysis. <i>Obesity Reviews</i> , <b>2021</b> , 22, e13082	10.6	18
39	Associations between Dietary Polyphenols and Type 2 Diabetes in a Cross-Sectional Analysis of the PREDIMED-Plus Trial: Role of Body Mass Index and Sex. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	17
38	Diet quality and nutrient density in subjects with metabolic syndrome: Influence of socioeconomic status and lifestyle factors. A cross-sectional assessment in the PREDIMED-Plus study. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 1161-1173	5.9	17
37	Physical fitness and physical activity association with cognitive function and quality of life: baseline cross-sectional analysis of the PREDIMED-Plus trial. <i>Scientific Reports</i> , <b>2020</b> , 10, 3472	4.9	16
36	Changes in circulating miRNAs in healthy overweight and obese subjects: Effect of diet composition and weight loss. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 438-443	5.9	16
35	Dairy product consumption and risk of colorectal cancer in an older mediterranean population at high cardiovascular risk. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 1356-1366	7.5	15

34	Normalization matters: tracking the best strategy for sperm miRNA quantification. <i>Molecular Human Reproduction</i> , <b>2017</b> , 23, 45-53	4.4	13
33	Adherence to the Mediterranean diet is positively associated with sperm motility: A cross-sectional analysis. <i>Scientific Reports</i> , <b>2019</b> , 9, 3389	4.9	13
32	Lysine pathway metabolites and the risk of type 2 diabetes and cardiovascular disease in the PREDIMED study: results from two case-cohort studies. <i>Cardiovascular Diabetology</i> , <b>2019</b> , 18, 151	8.7	13
31	Sperm microRNA pairs: new perspectives in the search for male fertility biomarkers. <i>Fertility and Sterility</i> , <b>2019</b> , 112, 831-841	4.8	12
30	Effect of Nut Consumption on Erectile and Sexual Function in Healthy Males: A Secondary Outcome Analysis of the FERTINUTS Randomized Controlled Trial. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	12
29	Prediction of Cardiovascular Disease by the Framingham-REGICOR Equation in the High-Risk PREDIMED Cohort: Impact of the Mediterranean Diet Across Different Risk Strata. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	11
28	Potato Consumption Does Not Increase Blood Pressure or Incident Hypertension in 2 Cohorts of Spanish Adults. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 2272-2281	4.1	11
27	Dietary Antioxidants in the Treatment of Male Infertility: Counteracting Oxidative Stress. <i>Biology</i> , <b>2021</b> , 10,	4.9	11
26	Disruption of human meiotic telomere complex genes TERB1, TERB2 and MAJIN in men with non-obstructive azoospermia. <i>Human Genetics</i> , <b>2021</b> , 140, 217-227	6.3	11
25	Association Between Lifestyle and Hypertriglyceridemic Waist Phenotype in the PREDIMED-Plus Study. <i>Obesity</i> , <b>2020</b> , 28, 537-543	8	10
24	What the human sperm methylome tells us. <i>Epigenomics</i> , <b>2017</b> , 9, 1299-1315	4.4	10
23	The Relationship between Sperm Oxidative Stress Alterations and IVF/ICSI Outcomes: A Systematic Review from Nonhuman Mammals. <i>Biology</i> , <b>2020</b> , 9,	4.9	10
22	Lifestyle factors and visceral adipose tissue: Results from the PREDIMED-PLUS study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0210726	3.7	8
21	Association between coffee consumption and total dietary caffeine intake with cognitive functioning: cross-sectional assessment in an elderly Mediterranean population. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 2381-2396	5.2	8
20	Age-associated sperm DNA methylation patterns do not directly persist trans-generationally. <i>Epigenetics and Chromatin</i> , <b>2019</b> , 12, 74	5.8	8
19	MicroRNAs and Drinking: Association between the Pre-miR-27a rs895819 Polymorphism and Alcohol Consumption in a Mediterranean Population. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	7
18	Targeting body composition in an older population: do changes in movement behaviours matter? Longitudinal analyses in the PREDIMED-Plus trial. <i>BMC Medicine</i> , <b>2021</b> , 19, 3	11.4	7
17	Association between dairy product consumption and hyperuricemia in an elderly population with metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2020</b> , 30, 214-222	4.5	6

16	The Effect of Physical Activity and High Body Mass Index on Health-Related Quality of Life in Individuals with Metabolic Syndrome. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	5
15	Cross-sectional association between non-soy legume consumption, serum uric acid and hyperuricemia: the PREDIMED-Plus study. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 2195-2206	5.2	5
14	Defining new genetic etiologies of male infertility: progress and future prospects. <i>Translational Andrology and Urology</i> , <b>2021</b> , 10, 1486-1498	2.3	4
13	Sperm DNA methylation changes after short-term nut supplementation in healthy men consuming a Western-style diet. <i>Andrology</i> , <b>2021</b> , 9, 260-268	4.2	4
12	Association between intake of soft drinks and testicular function in young men. <i>Human Reproduction</i> , <b>2021</b> , 36, 3036-3048	5.7	4
11	Blocking NHE Channels Reduces the Ability of In Vitro Capacitated Mammalian Sperm to Respond to Progesterone Stimulus. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
10	Male waist circumference in relation to semen quality and partner infertility treatment outcomes among couples undergoing infertility treatment with assisted reproductive technologies. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> ,	7	2
9	The combined effect of obesity and aging on human sperm DNA methylation signatures: inclusion of BMI in the paternal germ line age prediction model. <i>Scientific Reports</i> , <b>2020</b> , 10, 15409	4.9	2
8	PPARGC1A Gene Promoter Methylation as a Biomarker of Insulin Secretion and Sensitivity in Response to Glucose Challenges. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	2
7	Análisis de la expresión de 4 micro-ARN en espermatozoides y su implicación en la fertilidad masculina. <i>Revista Internacional De Andrología</i> , <b>2012</b> , 10, 92-97	0.6	1
6	Men's dietary patterns in relation to infertility treatment outcomes among couples undergoing in vitro fertilization. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 2307-2318	3.4	1
5	A dietary score representing the overall relation of men's diet with semen quality in relation to outcomes of infertility treatment with assisted reproduction.. <i>F&amp;S Reports</i> , <b>2021</b> , 2, 396-404	0.6	1
4	More Evidence of the Association of Diet With Human Testicular Function-Fish Oil Supplements. <i>JAMA Network Open</i> , <b>2020</b> , 3, e1919569	10.4	0
3	The TUNEL assay underestimates the incidence of DNA damage in pig sperm due to chromatin condensation. <i>Theriogenology</i> , <b>2021</b> , 174, 94-101	2.8	0
2	The Effect of Endocrine Disruptors and Environmental and Lifestyle Factors on the Sperm Epigenome <b>2020</b> , 41-58		
1	Aging of male and female gametes <b>2021</b> , 253-267		