

Albert Salas-Huetos

List of Publications by Year in Descending Order

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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.

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	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> , 2021 ,	7	2
68	Blocking NHE Channels Reduces the Ability of In Vitro Capacitated Mammalian Sperm to Respond to Progesterone Stimulus. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
67	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> , 2021 , 60, 2381-2396	5.2	8
66	Defining new genetic etiologies of male infertility: progress and future prospects. <i>Translational Andrology and Urology</i> , 2021 , 10, 1486-1498	2.3	4
65	Dietary Antioxidants in the Treatment of Male Infertility: Counteracting Oxidative Stress. <i>Biology</i> , 2021 , 10,	4.9	11
64	Clinical implications of sperm DNA damage in IVF and ICSI: updated systematic review and meta-analysis. <i>Biological Reviews</i> , 2021 , 96, 1284-1300	13.5	21
63	Men's dietary patterns in relation to infertility treatment outcomes among couples undergoing in vitro fertilization. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 2307-2318	3.4	1
62	Disease gene discovery in male infertility: past, present and future. <i>Human Genetics</i> , 2021 , 140, 7-19	6.3	21
61	Male adiposity, sperm parameters and reproductive hormones: An updated systematic review and collaborative meta-analysis. <i>Obesity Reviews</i> , 2021 , 22, e13082	10.6	18
60	Aging of male and female gametes 2021 , 253-267		
59	Disruption of human meiotic telomere complex genes TERB1, TERB2 and MAJIN in men with non-obstructive azoospermia. <i>Human Genetics</i> , 2021 , 140, 217-227	6.3	11
58	Sperm DNA methylation changes after short-term nut supplementation in healthy men consuming a Western-style diet. <i>Andrology</i> , 2021 , 9, 260-268	4.2	4
57	Targeting body composition in an older population: do changes in movement behaviours matter? Longitudinal analyses in the PREDIMED-Plus trial. <i>BMC Medicine</i> , 2021 , 19, 3	11.4	7
56	Association between intake of soft drinks and testicular function in young men. <i>Human Reproduction</i> , 2021 , 36, 3036-3048	5.7	4
55	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> , 2021 ,	15.8	19
54	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&S Reports</i> , 2021 , 2, 396-404	0.6	1
53	The TUNEL assay underestimates the incidence of DNA damage in pig sperm due to chromatin condensation. <i>Theriogenology</i> , 2021 , 174, 94-101	2.8	0

52	Association Between Lifestyle and Hypertriglyceridemic Waist Phenotype in the PREDIMED-Plus Study. <i>Obesity</i> , 2020 , 28, 537-543	8	10
51	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> , 2020 , 10, 3472	4.9	16
50	More Evidence of the Association of Diet With Human Testicular Function-Fish Oil Supplements. <i>JAMA Network Open</i> , 2020 , 3, e1919569	10.4	0
49	The Effect of Endocrine Disruptors and Environmental and Lifestyle Factors on the Sperm Epigenome 2020 , 41-58		
48	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> , 2020 , 17,	4.6	5
47	Association between dairy product consumption and hyperuricemia in an elderly population with metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 214-222	4.5	6
46	The role of miRNAs in male human reproduction: a systematic review. <i>Andrology</i> , 2020 , 8, 7-26	4.2	31
45	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> , 2020 , 111, 291-306	7	22
44	The Relationship between Sperm Oxidative Stress Alterations and IVF/ICSI Outcomes: A Systematic Review from Nonhuman Mammals. <i>Biology</i> , 2020 , 9,	4.9	10
43	The Role of the Epididymis and the Contribution of Epididymosomes to Mammalian Reproduction. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	36
42	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> , 2020 , 10, 15409	4.9	2
41	Effects of Dietary Phytoestrogens on Hormones throughout a Human Lifespan: A Review. <i>Nutrients</i> , 2020 , 12,	6.7	32
40	PPARGC1A Gene Promoter Methylation as a Biomarker of Insulin Secretion and Sensitivity in Response to Glucose Challenges. <i>Nutrients</i> , 2020 , 12,	6.7	2
39	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> , 2020 , 39, 1161-1173	5.9	17
38	Cross-sectional association between non-soy legume consumption, serum uric acid and hyperuricemia: the PREDIMED-Plus study. <i>European Journal of Nutrition</i> , 2020 , 59, 2195-2206	5.2	5
37	Sperm microRNA pairs: new perspectives in the search for male fertility biomarkers. <i>Fertility and Sterility</i> , 2019 , 112, 831-841	4.8	12
36	Lifestyle factors and visceral adipose tissue: Results from the PREDIMED-PLUS study. <i>PLoS ONE</i> , 2019 , 14, e0210726	3.7	8
35	Adherence to the Mediterranean diet is positively associated with sperm motility: A cross-sectional analysis. <i>Scientific Reports</i> , 2019 , 9, 3389	4.9	13

34	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. <i>Clinical Nutrition</i> , 2019 , 38, 1221-1231	5.9	55
33	Body adiposity indicators and cardiometabolic risk: Cross-sectional analysis in participants from the PREDIMED-Plus trial. <i>Clinical Nutrition</i> , 2019 , 38, 1883-1891	5.9	19
32	Diet and sperm quality: Nutrients, foods and dietary patterns. <i>Reproductive Biology</i> , 2019 , 19, 219-224	2.3	32
31	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> , 2019 , 149, 1920-1929	4.1	35
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> , 2019 , 11,	6.7	12
29	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> , 2019 , 322, 1486-1499	27.4	38
28	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> , 2019 , 18, 151	8.7	13
27	Changes in circulating miRNAs in healthy overweight and obese subjects: Effect of diet composition and weight loss. <i>Clinical Nutrition</i> , 2019 , 38, 438-443	5.9	16
26	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> , 2019 , 8,	7.1	17
25	Age-associated sperm DNA methylation patterns do not directly persist trans-generationally. <i>Epigenetics and Chromatin</i> , 2019 , 12, 74	5.8	8
24	The Expression of miRNAs in Human Ovaries, Oocytes, Extracellular Vesicles, and Early Embryos: A Systematic Review. <i>Cells</i> , 2019 , 8,	7.9	20
23	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019 , 48, 387-388o	7.8	87
22	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> , 2019 , 42, 777-788	14.6	123
21	Dairy product consumption and risk of colorectal cancer in an older mediterranean population at high cardiovascular risk. <i>International Journal of Cancer</i> , 2018 , 143, 1356-1366	7.5	15
20	Legume consumption is inversely associated with type 2 diabetes incidence in adults: A prospective assessment from the PREDIMED study. <i>Clinical Nutrition</i> , 2018 , 37, 906-913	5.9	71
19	Mediterranean diet and quality of life: Baseline cross-sectional analysis of the PREDIMED-PLUS trial. <i>PLoS ONE</i> , 2018 , 13, e0198974	3.7	65
18	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> , 2018 , 108, 953-962	7.2	30
17	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> , 2018 , 9, 833-848	10	52

16	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> , 2017 , 105, 723-735	7	62
15	Dietary patterns, foods and nutrients in male fertility parameters and fecundability: a systematic review of observational studies. <i>Human Reproduction Update</i> , 2017 , 23, 371-389	15.8	181
14	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> , 2017 , 6,	6	11
13	Normalization matters: tracking the best strategy for sperm miRNA quantification. <i>Molecular Human Reproduction</i> , 2017 , 23, 45-53	4.4	13
12	Potato Consumption Does Not Increase Blood Pressure or Incident Hypertension in 2 Cohorts of Spanish Adults. <i>Journal of Nutrition</i> , 2017 , 147, 2272-2281	4.1	11
11	What the human sperm methylome tells us. <i>Epigenomics</i> , 2017 , 9, 1299-1315	4.4	10
10	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> , 2016 , 134, 1142-1149	3.9	60
9	Spermatozoa from infertile patients exhibit differences of DNA methylation associated with spermatogenesis-related processes: an array-based analysis. <i>Reproductive BioMedicine Online</i> , 2016 , 33, 709-719	4	29
8	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> , 2016 , 17,	6.3	7
7	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> , 2016 , 146, 1528-36	4.1	43
6	Spermatozoa from normozoospermic fertile and infertile individuals convey a distinct miRNA cargo. <i>Andrology</i> , 2016 , 4, 1028-1036	4.2	29
5	Spermatozoa from patients with seminal alterations exhibit a differential micro-ribonucleic acid profile. <i>Fertility and Sterility</i> , 2015 , 104, 591-601	4.8	69
4	New insights into the expression profile and function of micro-ribonucleic acid in human spermatozoa. <i>Fertility and Sterility</i> , 2014 , 102, 213-222.e4	4.8	58
3	An3lisis de la expresi3n de 4 micro-ARN en espermatozoides y su implicaci3n en la fertilidad masculina. <i>Revista Internacional De Androlog3a</i> , 2012 , 10, 92-97	0.6	1
2	Cultural and historical aspects of Mediterranean nuts with emphasis on their attributed healthy and nutritional properties. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011 , 21 Suppl 1, S1-6	4.5	40
1	Mediterranean nuts: origins, ancient medicinal benefits and symbolism. <i>Public Health Nutrition</i> , 2011 , 14, 2296-301	3.3	20