

Albert Salas-Huetos

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

3,577
citations

159358

30
h-index

149479

56
g-index

84
all docs

84
docs citations

84
times ranked

4969
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.2	309
2	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.	4.3	239
3	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019, 48, 387-388o.	0.9	179
4	The Role of the Epididymis and the Contribution of Epididymosomes to Mammalian Reproduction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5377.	1.8	123
5	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, 28, 15-29.	5.2	121
6	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.	2.3	108
7	Spermatozoa from patients with seminal alterations exhibit a differential micro-ribonucleic acid profile. <i>Fertility and Sterility</i> , 2015, 104, 591-601.	0.5	106
8	Mediterranean diet and quality of life: Baseline cross-sectional analysis of the PREDIMED-PLUS trial. <i>PLoS ONE</i> , 2018, 13, e0198974.	1.1	100
9	Effect of a Nutritional and Behavioral Intervention on Energy-Reduced Mediterranean Diet Adherence Among Patients With Metabolic Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1486.	3.8	100
10	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.	2.9	94
11	Dietary Marine ω -3 Fatty Acids and Incident Sight-Threatening Retinopathy in Middle-Aged and Older Individuals With Type 2 Diabetes. <i>JAMA Ophthalmology</i> , 2016, 134, 1142.	1.4	92
12	Effects of Dietary Phytoestrogens on Hormones throughout a Human Lifespan: A Review. <i>Nutrients</i> , 2020, 12, 2456.	1.7	90
13	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. <i>Clinical Nutrition</i> , 2019, 38, 1221-1231.	2.3	87
14	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.	2.2	86
15	Diet and sperm quality: Nutrients, foods and dietary patterns. <i>Reproductive Biology</i> , 2019, 19, 219-224.	0.9	80
16	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.	0.5	79
17	The role of miRNAs in male human reproduction: a systematic review. <i>Andrology</i> , 2020, 8, 7-26.	1.9	72
18	Clinical implications of sperm DNA damage in IVF and ICSI: updated systematic review and meta-analysis. <i>Biological Reviews</i> , 2021, 96, 1284-1300.	4.7	70

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19	Male adiposity, sperm parameters and reproductive hormones: An updated systematic review and collaborative meta-analysis. <i>Obesity Reviews</i> , 2021, 22, e13082.	3.1	68
20	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, 1528-1536.	1.3	60
21	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.	1.3	59
22	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, S1-S6.	1.1	58
23	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.	2.2	54
24	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.	2.2	50
25	Disease gene discovery in male infertility: past, present and future. <i>Human Genetics</i> , 2021, 140, 7-19.	1.8	50
26	Spermatozoa from normozoospermic fertile and infertile individuals convey a distinct miRNA cargo. <i>Andrology</i> , 2016, 4, 1028-1036.	1.9	48
27	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.	1.6	47
28	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.	1.1	40
29	The Expression of miRNAs in Human Ovaries, Oocytes, Extracellular Vesicles, and Early Embryos: A Systematic Review. <i>Cells</i> , 2019, 8, 1564.	1.8	39
30	Body adiposity indicators and cardiometabolic risk: Cross-sectional analysis in participants from the PREDIMED-Plus trial. <i>Clinical Nutrition</i> , 2019, 38, 1883-1891.	2.3	34
31	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.	2.7	34
32	Mediterranean nuts: origins, ancient medicinal benefits and symbolism. <i>Public Health Nutrition</i> , 2011, 14, 2296-2301.	1.1	33
33	Adherence to the Mediterranean diet is positively associated with sperm motility: A cross-sectional analysis. <i>Scientific Reports</i> , 2019, 9, 3389.	1.6	32
34	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, 537.	2.2	31
35	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.	1.8	31
36	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.	2.3	28

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37	Sperm microRNA pairs: new perspectives in the search for male fertility biomarkers. <i>Fertility and Sterility</i> , 2019, 112, 831-841.	0.5	27
38	Dietary Antioxidants in the Treatment of Male Infertility: Counteracting Oxidative Stress. <i>Biology</i> , 2021, 10, 241.	1.3	26
39	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.	2.3	26
40	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.	2.3	25
41	The Relationship between Sperm Oxidative Stress Alterations and IVF/ICSI Outcomes: A Systematic Review from Nonhuman Mammals. <i>Biology</i> , 2020, 9, 178.	1.3	23
42	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.	1.8	22
43	Age-associated sperm DNA methylation patterns do not directly persist trans-generationally. <i>Epigenetics and Chromatin</i> , 2019, 12, 74.	1.8	21
44	A systematic review identifying fertility biomarkers in semen: a clinical approach through Omics to diagnose male infertility. <i>Fertility and Sterility</i> , 2022, 118, 291-313.	0.5	20
45	Normalization matters: tracking the best strategy for sperm miRNA quantification. <i>Molecular Human Reproduction</i> , 2017, 23, 45-53.	1.3	19
46	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.	1.3	18
47	Association Between Lifestyle and Hypertriglyceridemic Waist Phenotype in the PREDIMED-Plus Study. <i>Obesity</i> , 2020, 28, 537-543.	1.5	18
48	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, .	1.6	17
49	What the human sperm methylome tells us. <i>Epigenomics</i> , 2017, 9, 1299-1315.	1.0	16
50	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, 1372.	1.7	15
51	Lifestyle factors and visceral adipose tissue: Results from the PREDIMED-PLUS study. <i>PLoS ONE</i> , 2019, 14, e0210726.	1.1	14
52	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.	1.1	14
53	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.	2.3	14
54	Association between intake of soft drinks and testicular function in young men. <i>Human Reproduction</i> , 2021, 36, 3036-3048.	0.4	14

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55	Paternal adherence to healthy dietary patterns in relation to sperm parameters and outcomes of assisted reproductive technologies. <i>Fertility and Sterility</i> , 2022, 117, 298-312.	0.5	14
56	PPARGC1A Gene Promoter Methylation as a Biomarker of Insulin Secretion and Sensitivity in Response to Glucose Challenges. <i>Nutrients</i> , 2020, 12, 2790.	1.7	12
57	Women's and men's intake of omega-3 fatty acids and their food sources and assisted reproductive technology outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 246.e1-246.e11.	0.7	12
58	Defining new genetic etiologies of male infertility: progress and future prospects. <i>Translational Andrology and Urology</i> , 2021, 10, 1486-1498.	0.6	11
59	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> , 2022, 115, 833-842.	2.2	11
60	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, 12646.	1.8	10
61	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, 1338.	1.8	9
62	Sperm DNA methylation changes after short-term nut supplementation in healthy men consuming a Western-style diet. <i>Andrology</i> , 2021, 9, 260-268.	1.9	9
63	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.	1.8	8
64	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.	1.6	8
65	The TUNEL assay underestimates the incidence of DNA damage in pig sperm due to chromatin condensation. <i>Theriogenology</i> , 2021, 174, 94-101.	0.9	7
66	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, 3728.	1.2	7
67	Increasing evidence of the role of the sperm epigenome in embryogenesis: oligoasthenoteratozoospermia, altered embryo DNA methylation, and miscarriage. <i>Fertility and Sterility</i> , 2018, 110, 401-402.	0.5	5
68	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.	1.2	5
69	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.	0.4	4
70	Cryoprotectant role of exopolysaccharide <sc>ID1</sc> in the vitrification/instraw warming of in vitro-produced bovine embryos. <i>Reproduction in Domestic Animals</i> , 2022, 57, 53-57.	0.6	2
71	Análisis de la expresión de 4 micro-ARN en espermatozoides y su implicación en la fertilidad masculina. <i>Revista Internacional De Andrología</i> , 2012, 10, 92-97.	0.1	1
72	More Evidence of the Association of Diet With Human Testicular Function—Fish Oil Supplements. <i>JAMA Network Open</i> , 2020, 3, e1919569.	2.8	1

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73	The Effect of Endocrine Disruptors and Environmental and Lifestyle Factors on the Sperm Epigenome. , 2020, , 41-58.		1
74	Session 68: The impact of genetics in andrology. Human Reproduction, 2013, 28, i108-i110.	0.4	0
75	Aging of male and female gametes. , 2021, , 253-267.		0
76	Pâ€“716 The relationship of menâ€™s adherence to the Mediterranean diet with sperm parameters and outcomes of assisted reproductive technologies. Human Reproduction, 2021, 36, .	0.4	0
77	Pâ€“106 The evaluation of dietary score representing the overall effect of menâ€™s diet to semen quality on coupleâ€™s fertility. Human Reproduction, 2021, 36, .	0.4	0
78	O-052â€fMale fertility testing - new horizons, ideas and research. Human Reproduction, 2022, 37, .	0.4	0
79	P-049â€fSperm GSTM3: a potential molecular biomarker for sperm quality and male (in)fertility. Human Reproduction, 2022, 37, .	0.4	0