

List of Publications by Citations

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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.

125 papers	3,819 citations	33 h-index	55 g-index
138 ext. papers	4,552 ext. citations	4.5 avg, IF	4.43 L-index

#	Paper	IF	Citations
125	Prevalence of diabetes mellitus and impaired glucose regulation in Spain: the Di@bet.es Study. <i>Diabetologia</i> , 2012 , 55, 88-93	10.3	586
124	Metabolically healthy but obese, a matter of time? Findings from the prospective Pizarra study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 2318-25	5.6	172
123	Hypertension is related to the degradation of dietary frying oils. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 1092-7	7	139
122	Intelligence quotient and iodine intake: a cross-sectional study in children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 3851-7	5.6	104
121	Effect of long-term administration of cross-sex hormone therapy on serum and urinary uric acid in transsexual persons. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 2230-3	5.6	93
120	Effects of sardine-enriched diet on metabolic control, inflammation and gut microbiota in drug-naïve patients with type 2 diabetes: a pilot randomized trial. <i>Lipids in Health and Disease</i> , 2016 , 15, 78	4.4	71
119	Pro12Ala polymorphism of the PPARG2 gene is associated with type 2 diabetes mellitus and peripheral insulin sensitivity in a population with a high intake of oleic acid. <i>Journal of Nutrition</i> , 2006 , 136, 2325-30	4.1	70
118	Hypovitaminosis D and incidence of obesity: a prospective study. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 680-2	5.2	67
117	Vitamin D deficiency in Spain: a population-based cohort study. <i>European Journal of Clinical Nutrition</i> , 2011 , 65, 321-8	5.2	64
116	Prevalence of latent autoimmune diabetes of adults (LADA) in Southern Spain. <i>Diabetes Research and Clinical Practice</i> , 2002 , 56, 213-20	7.4	58
115	Incidence of type 2 diabetes in southern Spain (Pizarra Study). <i>European Journal of Clinical Investigation</i> , 2008 , 38, 126-33	4.6	53
114	Oleic acid from cooking oils is associated with lower insulin resistance in the general population (Pizarra study). <i>European Journal of Endocrinology</i> , 2004 , 150, 33-9	6.5	51
113	The auditory threshold in a school-age population is related to iodine intake and thyroid function. <i>Thyroid</i> , 2000 , 10, 991-9	6.2	50
112	Stearoyl-CoA desaturase-1 is associated with insulin resistance in morbidly obese subjects. <i>Molecular Medicine</i> , 2011 , 17, 273-80	6.2	49
111	Altered Expression of miR-181a-5p and miR-23a-3p Is Associated With Obesity and TNF-Induced Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 1447-1458	5.6	48
110	Type 2 diabetes mellitus in relation to global LINE-1 DNA methylation in peripheral blood: a cohort study. <i>Epigenetics</i> , 2014 , 9, 1322-8	5.7	48
109	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. <i>Diabetes</i> , 2016 , 65, 3200-11	0.9	47

108	Iodine intake in the adult population. Di@bet.es study. <i>Clinical Nutrition</i> , 2012 , 31, 882-8	5.9	45
107	Methylation levels of the SCD1 gene promoter and LINE-1 repeat region are associated with weight change: an intervention study. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1528-36	5.9	43
106	Fatty acid supplements improve respiratory, inflammatory and nutritional parameters in adults with cystic fibrosis. <i>Archivos De Bronconeumologia</i> , 2010 , 46, 70-7	0.7	43
105	Influence of age and sex on levels of anti-oxidized LDL antibodies and anti-LDL immune complexes in the general population. <i>Journal of Lipid Research</i> , 2005 , 46, 452-7	6.3	43
104	Effects of milk enriched with omega-3 fatty acid, oleic acid and folic acid in patients with metabolic syndrome. <i>Clinical Nutrition</i> , 2006 , 25, 581-7	5.9	42
103	Incidence of obesity is lower in persons who consume olive oil. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 1371-4	5.2	41
102	Plasma visfatin concentrations in severely obese subjects are increased after intestinal bypass. <i>Obesity</i> , 2007 , 15, 2391-5	8	41
101	Serum phospholipid fatty acid profile and dietary intake in an adult Mediterranean population with cystic fibrosis. <i>British Journal of Nutrition</i> , 2006 , 96, 343-9	3.6	39
100	Dietary fatty acids and insulin secretion: a population-based study. <i>European Journal of Clinical Nutrition</i> , 2006 , 60, 1195-200	5.2	39
99	Thyroid hormone levels predict the change in body weight: a prospective study. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 1202-9	4.6	38
98	Prevalence of obesity in south-east Spain and its relation with social and health factors. <i>European Journal of Epidemiology</i> , 2004 , 19, 33-40	12.1	37
97	Monounsaturated n-9 fatty acids and adipocyte lipolysis in rats. <i>British Journal of Nutrition</i> , 2003 , 90, 1015-22	3.6	35
96	Effects of obesity/fatty acids on the expression of GPR120. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1852-60	5.9	33
95	Plasma selenium levels and oxidative stress biomarkers: a gene-environment interaction population-based study. <i>Free Radical Biology and Medicine</i> , 2014 , 74, 229-36	7.8	33
94	Vitamin D and incidence of diabetes: a prospective cohort study. <i>Clinical Nutrition</i> , 2012 , 31, 571-3	5.9	33
93	Common variants of the liver fatty acid binding protein gene influence the risk of type 2 diabetes and insulin resistance in Spanish population. <i>PLoS ONE</i> , 2012 , 7, e31853	3.7	32
92	White rice consumption and risk of type 2 diabetes. <i>Clinical Nutrition</i> , 2013 , 32, 481-4	5.9	31
91	Varying incorporation of fatty acids into phospholipids from muscle, adipose and pancreatic exocrine tissues and thymocytes in adult rats fed with diets rich in different fatty acids. <i>European Journal of Epidemiology</i> , 2000 , 16, 585-94	12.1	31

90	Oral supplement enriched in HMB combined with pulmonary rehabilitation improves body composition and health related quality of life in patients with bronchiectasis (Prospective, Randomised Study). <i>Clinical Nutrition</i> , 2016 , 35, 1015-22	5.9	30
89	Prevalence of the metabolic syndrome in Spain using regional cutoff points for waist circumference: the di@bet.es study. <i>Acta Diabetologica</i> , 2013 , 50, 615-23	3.9	30
88	Fat-free mass depletion and inflammation in patients with bronchiectasis. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012 , 112, 1999-2006	3.9	30
87	Type 2 diabetes mellitus and other cardiovascular risk factors are no more common during menopause: longitudinal study. <i>Menopause</i> , 2009 , 16, 817-21	2.5	30
86	Low Physical Activity and Its Association with Diabetes and Other Cardiovascular Risk Factors: A Nationwide, Population-Based Study. <i>PLoS ONE</i> , 2016 , 11, e0160959	3.7	30
85	Intake and home use of olive oil or mixed oils in relation to healthy lifestyles in a Mediterranean population. Findings from the prospective Pizarra study. <i>British Journal of Nutrition</i> , 2010 , 103, 114-22	3.6	29
84	Evolution of Gonadal Axis After Sex Reassignment Surgery in Transsexual Patients in the Spanish Public Health System. <i>International Journal of Transgenderism</i> , 2006 , 9, 15-22	6.3	28
83	Olive oil has a beneficial effect on impaired glucose regulation and other cardiometabolic risk factors. Di@bet.es study. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 911-6	5.2	27
82	Population-Based National Prevalence of Thyroid Dysfunction in Spain and Associated Factors: Di@bet.es Study. <i>Thyroid</i> , 2017 , 27, 156-166	6.2	26
81	Night-time sleep duration and the incidence of obesity and type 2 diabetes. Findings from the prospective Pizarra study. <i>Sleep Medicine</i> , 2014 , 15, 1398-404	4.6	25
80	Risk factors associated with retinal vein occlusion. <i>International Journal of Clinical Practice</i> , 2014 , 68, 871-81	2.9	25
79	Obesity and the metabolic syndrome in Mediterranean countries: a hypothesis related to olive oil. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 1260-7	5.9	25
78	ELOVL6 genetic variation is related to insulin sensitivity: a new candidate gene in energy metabolism. <i>PLoS ONE</i> , 2011 , 6, e21198	3.7	25
77	The type 2 diabetes-associated HMG20A gene is mandatory for islet beta cell functional maturity. <i>Cell Death and Disease</i> , 2018 , 9, 279	9.8	24
76	Variable patterns of obesity and cardiometabolic phenotypes and their association with lifestyle factors in the Di@bet.es study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 947-55	4.5	24
75	Testosterone, SHBG and risk of type 2 diabetes in the second evaluation of the Pizarra cohort study. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 79-85	4.6	24
74	Incidence of diabetes mellitus in Spain as results of the nation-wide cohort di@bet.es study. <i>Scientific Reports</i> , 2020 , 10, 2765	4.9	24
73	Ambient temperature and prevalence of obesity in the Spanish population: The Di@bet.es study. <i>Obesity</i> , 2014 , 22, 2328-32	8	23

72	Does dietary iodine regulate oxidative stress and adiponectin levels in human breast milk?. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 847-53	8.4	22
71	Reference values for TSH may be inadequate to define hypothyroidism in persons with morbid obesity: Di@bet.es study. <i>Obesity</i> , 2017 , 25, 788-793	8	21
70	Polymorphisms of the UCP2 gene are associated with body fat distribution and risk of abdominal obesity in Spanish population. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 171-8	4.6	21
69	Redistribution of abdominal fat after a period of food restriction in rats is related to the type of dietary fat. <i>British Journal of Nutrition</i> , 2003 , 89, 115-22	3.6	21
68	Coffee consumption and type 2 diabetes mellitus. <i>Annals of Internal Medicine</i> , 2004 , 141, 321-3; author reply 323-4	8	21
67	Patterns of insulin resistance in the general population of southeast Spain. <i>Diabetes Research and Clinical Practice</i> , 2004 , 65, 247-56	7.4	21
66	Randomized clinical trial of the efficacy and safety of insulin glargine vs. NPH insulin as basal insulin for the treatment of glucocorticoid induced hyperglycemia using continuous glucose monitoring in hospitalized patients with type 2 diabetes and respiratory disease. <i>Diabetes Research and Clinical Practice</i> , 2015 , 110, 158-65	7.4	20
65	Effect of the interaction between the fatty acid binding protein 2 gene Ala54Thr polymorphism and dietary fatty acids on peripheral insulin sensitivity: a cross-sectional study. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1232-7	7	20
64	Metabolic effects of an enteral nutrition formula for diabetes: comparison with standard formulas in patients with type 1 diabetes. <i>Clinical Nutrition</i> , 2003 , 22, 483-7	5.9	20
63	Serum leptin and habitual fatty acid dietary intake in patients with type 1 diabetes mellitus. <i>European Journal of Endocrinology</i> , 2000 , 142, 263-8	6.5	19
62	Prevalence of obesity, diabetes and other cardiovascular risk factors in Andalusia (southern Spain). Comparison with national prevalence data. The Di@bet.es study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014 , 67, 442-8	0.7	18
61	Increased levels of anti-oxidized low-density lipoprotein antibodies are associated with reduced levels of cholesterol in the general population. <i>Metabolism: Clinical and Experimental</i> , 2002 , 51, 429-31	12.7	18
60	Prevalence, Diagnosis, Treatment, and Control of Hypertension in Spain. Results of the Di@bet.es Study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016 , 69, 572-8	0.7	18
59	Mediterranean diet adherence in individuals with prediabetes and unknown diabetes: the Di@bet.es Study. <i>Annals of Nutrition and Metabolism</i> , 2013 , 62, 339-46	4.5	17
58	Oleic acid increases hepatic sex hormone binding globulin production in men. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 760-7	5.9	16
57	Effect of the combination of the variants -75G/A APOA1 and Trp64Arg ADRB3 on the risk of type 2 diabetes (DM2). <i>Clinical Endocrinology</i> , 2008 , 68, 102-7	3.4	16
56	Nutritional regulation of interleukin-6 release from adipocytes. <i>International Journal of Obesity</i> , 2010 , 34, 1328-32	5.5	15
55	Association between MspI polymorphism of the APO AI gene and Type 2 diabetes mellitus. <i>Diabetic Medicine</i> , 2005 , 22, 782-8	3.5	15

54	The Calculating Boluses on Multiple Daily Injections (CBMDI) study: A randomized controlled trial on the effect on metabolic control of adding a bolus calculator to multiple daily injections in people with type 1 diabetes. <i>Journal of Diabetes</i> , 2017 , 9, 24-33	3.8	14
53	Jejunal wall triglyceride concentration of morbidly obese persons is lower in those with type 2 diabetes mellitus. <i>Journal of Lipid Research</i> , 2010 , 51, 3516-23	6.3	14
52	Evaluation of Health-Related Quality of Life according to Carbohydrate Metabolism Status: A Spanish Population-Based Study (Di@bet.es Study). <i>International Journal of Endocrinology</i> , 2012 , 2012, 872305	2.7	14
51	Los determinantes de la yoduria en una población escolar del sur de España. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , 2001 , 48, 104-109		14
50	Dietary fatty acids modulate adipocyte TNF α production via regulation of its DNA promoter methylation levels. <i>Journal of Nutritional Biochemistry</i> , 2017 , 47, 106-112	6.3	13
49	Mediterranean diet and the Spanish paradox. A hypothesis. <i>Medical Hypotheses</i> , 2013 , 80, 150-5	3.8	13
48	Dietary polyunsaturated fatty acids may increase plasma LDL-cholesterol and plasma cholesterol concentrations in carriers of an ABCG1 gene single nucleotide polymorphism: study in two Spanish populations. <i>Atherosclerosis</i> , 2011 , 219, 900-6	3.1	13
47	Anti-oxidized low-density lipoprotein antibody levels are associated with the development of type 2 diabetes mellitus. <i>European Journal of Clinical Investigation</i> , 2008 , 38, 615-21	4.6	13
46	Thyroid hormone receptor alpha gene variants increase the risk of developing obesity and show gene-diet interactions. <i>International Journal of Obesity</i> , 2013 , 37, 1499-505	5.5	12
45	Markers for the validation of reported dietary intake in adults with cystic fibrosis. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 1704-11		12
44	Children whose diet contained olive oil had a lower likelihood of increasing their body mass index Z-score over 1 year. <i>European Journal of Endocrinology</i> , 2011 , 165, 435-9	6.5	12
43	Methylation patterns of Vegfb promoter are associated with gene and protein expression levels: the effects of dietary fatty acids. <i>European Journal of Nutrition</i> , 2017 , 56, 715-726	5.2	11
42	Changes in SCD gene DNA methylation after bariatric surgery in morbidly obese patients are associated with free fatty acids. <i>Scientific Reports</i> , 2017 , 7, 46292	4.9	11
41	Iron deficiency is associated with Hypothyroxinemia and Hypotriiodothyroninemia in the Spanish general adult population: Di@bet.es study. <i>Scientific Reports</i> , 2018 , 8, 6571	4.9	11
40	Impact of obesity-related genes in Spanish population. <i>BMC Genetics</i> , 2013 , 14, 111	2.6	11
39	Factors determining high-sensitivity C-reactive protein values in the Spanish population. Di@bet.es study. <i>European Journal of Clinical Investigation</i> , 2013 , 43, 1-10	4.6	11
38	Trp64Arg polymorphism of the ADRB3 gene predicts hyperuricemia risk in a population from southern Spain. <i>Journal of Rheumatology</i> , 2010 , 37, 417-21	4.1	11
37	The nutrigenetic influence of the interaction between dietary vitamin E and TXN and COMT gene polymorphisms on waist circumference: a case control study. <i>Journal of Translational Medicine</i> , 2015 , 13, 286	8.5	10

36	Serum sCD163 levels are associated with type 2 diabetes mellitus and are influenced by coffee and wine consumption: results of the Di@bet.es study. <i>PLoS ONE</i> , 2014 , 9, e101250	3.7	10
35	Polymorphisms in the SCD1 gene are associated with indices of stearyl CoA desaturase activity and obesity: a prospective study. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 2177-84	5.9	10
34	Comparison between a multiple daily insulin injection regimen (basal once-daily glargine plus mealtime lispro) and continuous subcutaneous insulin infusion (lispro) using continuous glucose monitoring in metabolically optimized type 1 diabetes patients: A randomized open-labelled parallel study. <i>Medicina Clínica</i> , 2016 , 146, 239-46	1	9
33	Modifications of the homeostasis model assessment of insulin resistance index with age. <i>Acta Diabetologica</i> , 2014 , 51, 917-25	3.9	9
32	Decreased levels of uric acid after oral glucose challenge is associated with triacylglycerol levels and degree of insulin resistance. <i>British Journal of Nutrition</i> , 2008 , 99, 44-8	3.6	9
31	Dietary oleic acid and adipocyte lipolytic activity in culture. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 727-31	6.3	9
30	Resistin regulates pituitary lipid metabolism and inflammation in vivo and in vitro. <i>Mediators of Inflammation</i> , 2013 , 2013, 479739	4.3	8
29	Factors affecting levels of urinary albumin excretion in the general population of Spain: the Di@bet.es study. <i>Clinical Science</i> , 2013 , 124, 269-77	6.5	8
28	Effect of insulin analogues on 3t3-l1 adipogenesis and lipolysis. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 979-86	4.6	8
27	Inverse relation between levels of anti-oxidized-LDL antibodies and eicosapentanoic acid (EPA). <i>British Journal of Nutrition</i> , 2008 , 100, 585-9	3.6	8
26	Serum leptin is correlated to high turnover in osteoporosis. <i>Neuroendocrinology Letters</i> , 2010 , 31, 155-60.	3	8
25	Evolution of urinary iodine excretion over eleven years in an adult population. <i>Clinical Nutrition</i> , 2015 , 34, 712-8	5.9	7
24	Joint Data Analysis in Nutritional Epidemiology: Identification of Observational Studies and Minimal Requirements. <i>Journal of Nutrition</i> , 2018 , 148, 285-297	4.1	7
23	Prevalence of plasma lipid abnormalities and its association with glucose metabolism in Spain: the di@bet.es study. <i>Clínica E Investigación En Arteriosclerosis</i> , 2014 , 26, 107-14	1.4	7
22	The -30G>A polymorphism of the glucokinase gene promoter is associated with obesity in a population from southern Spain. <i>Obesity</i> , 2008 , 16, 1973-5	8	7
21	Estimating Cardiovascular Risk in Spain by the European Guidelines on Cardiovascular Disease Prevention in Clinical Practice. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015 , 68, 417-25	0.7	6
20	C-reactive protein and incidence of type 2 diabetes in the Pizarra study. <i>European Journal of Clinical Investigation</i> , 2013 , 43, 159-67	4.6	6
19	Comparison of the Effects of Goat Dairy and Cow Dairy Based Breakfasts on Satiety, Appetite Hormones, and Metabolic Profile. <i>Nutrients</i> , 2017 , 9,	6.7	6

18	Anti-oxidized LDL antibody levels are reduced in women with hypertension. <i>European Journal of Clinical Investigation</i> , 2009 , 39, 800-6	4.6	6
17	Growth hormone-releasing hormone is produced by adipocytes and regulates lipolysis through growth hormone receptor. <i>International Journal of Obesity</i> , 2017 , 41, 1547-1555	5.5	5
16	Changes in thyroid function with age: results from the Pizarra population-based longitudinal study. <i>International Journal of Clinical Practice</i> , 2015 , 69, 577-87	2.9	5
15	Enhanced reduction in oxidative stress and altered glutathione and thioredoxin system response to unsaturated fatty acid load in familial hypercholesterolemia. <i>Clinical Biochemistry</i> , 2014 , 47, 291-7	3.5	5
14	Dairy Product Consumption and Metabolic Diseases in the Di@bet.es Study. <i>Nutrients</i> , 2019 , 11,	6.7	4
13	Dietary fatty acids modify insulin secretion of rat pancreatic islet cells in vitro. <i>Journal of Endocrinological Investigation</i> , 2002 , 25, 436-41	5.2	4
12	Adipose tissue characteristics related to weight z-score in childhood. <i>International Journal of Endocrinology and Metabolism</i> , 2013 , 11, 82-7	1.8	3
11	Epigenetic Biomarkers of Transition from Metabolically Healthy Obesity to Metabolically Unhealthy Obesity Phenotype: A Prospective Study. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
10	Factors determining weight gain in adults and relation with glucose tolerance. <i>Clinical Endocrinology</i> , 2013 , 78, 858-64	3.4	2
9	Consumption of cows' milk is associated with lower risk of type 2 diabetes mellitus. A cross-sectional study. <i>International Dairy Journal</i> , 2012 , 26, 162-165	3.5	2
8	Association between the Mediterranean Diet and Metabolic Syndrome with Serum Levels of miRNA in Morbid Obesity. <i>Nutrients</i> , 2021 , 13,	6.7	2
7	Stress hyperglycaemia in hospitalized patients with coronary artery disease and type 2 diabetes risk. <i>European Journal of Clinical Investigation</i> , 2013 , 43, 1060-8	4.6	1
6	Impact of Intensive Therapy With Continuous Subcutaneous Insulin Infusion on Quality of Life in Patients With Type 1 Diabetes. <i>Journal of Applied Biobehavioral Research</i> , 2010 , 15, 1-19	1.7	1
5	Dietary palmitic acid influences LDL-mediated lymphocyte proliferation differently to other mono- and polyunsaturated fatty acids in rats. <i>Diabetes, Nutrition & Metabolism</i> , 2004 , 17, 250-8		1
4	Use of drugs related to the treatment of diabetes mellitus and other cardiovascular risk factors in the Spanish population. The Di@bet.es study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013 , 66, 854-63	0.7	0
3	Consumo de café y diabetes mellitus. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , 2005 , 52, 556-563		0
2	Fatty liver index as a predictor for type 2 diabetes in subjects with normoglycemia in a nationwide cohort study. <i>Scientific Reports</i> , 2021 , 11, 16453	4.9	0
1	Epigenetic changes in the metabolically healthy obese: a case-control versus a prospective study.. <i>European Journal of Clinical Investigation</i> , 2022 , e13783	4.6	

