

Fernando Cardona

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.

85 papers	3,786 citations	28 h-index	60 g-index
105 ext. papers	4,494 ext. citations	4.5 avg, IF	5.22 L-index

#	Paper	IF	Citations
85	Benefits of polyphenols on gut microbiota and implications in human health. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1415-22	6.3	870
84	Gut microbiota in children with type 1 diabetes differs from that in healthy children: a case-control study. <i>BMC Medicine</i> , 2013 , 11, 46	11.4	447
83	Gut microbiota composition in male rat models under different nutritional status and physical activity and its association with serum leptin and ghrelin levels. <i>PLoS ONE</i> , 2013 , 8, e65465	3.7	278
82	Impact of the gut microbiota on the development of obesity and type 2 diabetes mellitus. <i>Frontiers in Microbiology</i> , 2014 , 5, 190	5.7	186
81	Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients. <i>Food and Function</i> , 2016 , 7, 1775-87	6.1	182
80	Intermittent hypoxia alters gut microbiota diversity in a mouse model of sleep apnoea. <i>European Respiratory Journal</i> , 2015 , 45, 1055-65	13.6	129
79	Endotoxin increase after fat overload is related to postprandial hypertriglyceridemia in morbidly obese patients. <i>Journal of Lipid Research</i> , 2012 , 53, 973-978	6.3	88
78	Adipose tissue gene expression of factors related to lipid processing in obesity. <i>PLoS ONE</i> , 2011 , 6, e24783	3.7	74
77	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
76	Serum 25-hydroxyvitamin D and adipose tissue vitamin D receptor gene expression: relationship with obesity and type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E591-5	5.6	67
75	Insulin resistance is associated with specific gut microbiota in appendix samples from morbidly obese patients. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 5672-5684	3	58
74	Effect of acute and chronic red wine consumption on lipopolysaccharide concentrations. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1053-61	7	56
73	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. <i>Clinica Chimica Acta</i> , 2016 , 463, 53-61	6.2	55
72	Normoxic Recovery Mimicking Treatment of Sleep Apnea Does Not Reverse Intermittent Hypoxia-Induced Bacterial Dysbiosis and Low-Grade Endotoxemia in Mice. <i>Sleep</i> , 2016 , 39, 1891-1897	1.1	49
71	Fat overload aggravates oxidative stress in patients with the metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2008 , 38, 510-5	4.6	43
70	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
69	FABP4 dynamics in obesity: discrepancies in adipose tissue and liver expression regarding circulating plasma levels. <i>PLoS ONE</i> , 2012 , 7, e48605	3.7	41

68	Green tea reduces LDL oxidability and improves vascular function. <i>Journal of the American College of Nutrition</i> , 2008 , 27, 209-13	3.5	41
67	Altered Adipose Tissue DNA Methylation Status in Metabolic Syndrome: Relationships Between Global DNA Methylation and Specific Methylation at Adipogenic, Lipid Metabolism and Inflammatory Candidate Genes and Metabolic Variables. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	41
66	Dietary fatty acids and insulin secretion: a population-based study. <i>European Journal of Clinical Nutrition</i> , 2006 , 60, 1195-200	5.2	39
65	Inflammation, oxidative stress and metabolic syndrome: dietary modulation. <i>Current Vascular Pharmacology</i> , 2013 , 11, 906-19	3.3	39
64	The apolipoprotein E genotype predicts postprandial hypertriglyceridemia in patients with the metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 2972-5	5.6	37
63	Lipopolysaccharide and lipopolysaccharide-binding protein levels and their relationship to early metabolic improvement after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2015 , 11, 933-9 ³		36
62	Monounsaturated n-9 fatty acids and adipocyte lipolysis in rats. <i>British Journal of Nutrition</i> , 2003 , 90, 1015-22	3.6	35
61	Metabolic endotoxemia promotes adipose dysfunction and inflammation in human obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E319-E332	6	35
60	Protection from inflammatory disease in insulin resistance: the role of mannan-binding lectin. <i>Diabetologia</i> , 2006 , 49, 2402-11	10.3	33
59	Contribution of polymorphisms in the apolipoprotein AI-CIII-AIV cluster to hyperlipidaemia in patients with gout. <i>Annals of the Rheumatic Diseases</i> , 2005 , 64, 85-8	2.4	33
58	Oxidative stress and metabolic changes after continuous positive airway pressure treatment according to previous metabolic disorders in sleep apnea-hypopnea syndrome patients. <i>Translational Research</i> , 2009 , 154, 111-21	11	29
57	Eradication Treatment Alters Gut Microbiota and GLP-1 Secretion in Humans. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	27
56	Human adipose tissue H3K4me3 histone mark in adipogenic, lipid metabolism and inflammatory genes is positively associated with BMI and HOMA-IR. <i>PLoS ONE</i> , 2019 , 14, e0215083	3.7	24
55	Effect of CPAP on oxidative stress and circulating progenitor cell levels in sleep patients with apnea-hypopnea syndrome. <i>Respiratory Care</i> , 2011 , 56, 1830-6	2.1	23
54	The -1131T>C SNP of the APOA5 gene modulates response to fenofibrate treatment in patients with the metabolic syndrome: a postprandial study. <i>Atherosclerosis</i> , 2009 , 206, 148-52	3.1	23
53	Type 2 diabetes is associated with decreased PGC1 α expression in epicardial adipose tissue of patients with coronary artery disease. <i>Journal of Translational Medicine</i> , 2016 , 14, 243	8.5	23
52	H. pylori eradication with antibiotic treatment causes changes in glucose homeostasis related to modifications in the gut microbiota. <i>PLoS ONE</i> , 2019 , 14, e0213548	3.7	22
51	Adipose Tissue LPL Methylation is Associated with Triglyceride Concentrations in the Metabolic Syndrome. <i>Clinical Chemistry</i> , 2018 , 64, 210-218	5.5	21

50	PPARgamma mRNA expression is reduced in peripheral blood mononuclear cells after fat overload in patients with metabolic syndrome. <i>Journal of Nutrition</i> , 2008 , 138, 903-7	4.1	21
49	Pro12Ala sequence variant of the PPARG gene is associated with postprandial hypertriglyceridemia in non-E3/E3 patients with the metabolic syndrome. <i>Clinical Chemistry</i> , 2006 , 52, 1920-5	5.5	21
48	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
47	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
46	Similar increase in oxidative stress after fat overload in persons with baseline hypertriglyceridemia with or without the metabolic syndrome. <i>Clinical Biochemistry</i> , 2008 , 41, 701-5	3.5	20
45	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
44	Transcriptional Analysis of FOXO1, C/EBP- β and PPAR- α Genes and Their Association with Obesity-Related Insulin Resistance. <i>Genes</i> , 2019 , 10,	4.2	19
43	Postprandial Circulating miRNAs in Response to a Dietary Fat Challenge. <i>Nutrients</i> , 2019 , 11,	6.7	18
42	Circulating antioxidant defences are decreased in healthy people after a high-fat meal. <i>British Journal of Nutrition</i> , 2008 , 100, 312-6	3.6	18
41	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
40	Type 2 Diabetes Is Associated with a Different Pattern of Serum Polyamines: A Case?Control Study from the PREDIMED-Plus Trial. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	18
39	Effect of a specific supplement enriched with n-3 polyunsaturated fatty acids on markers of inflammation, oxidative stress and metabolic status of ear, nose and throat cancer patients. <i>Oncology Reports</i> , 2014 , 31, 405-14	3.5	16
38	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
37	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
36	Positioning Europe for the EPITRANSCRIPTOMICS challenge. <i>RNA Biology</i> , 2018 , 15, 829-831	4.8	14
35	Untargeted Profiling of Concordant/Discordant Phenotypes of High Insulin Resistance and Obesity To Predict the Risk of Developing Diabetes. <i>Journal of Proteome Research</i> , 2018 , 17, 2307-2317	5.6	14
34	Differential effects of restrictive and malabsorptive bariatric surgery procedures on the serum lipidome in obese subjects. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 1502-1512	4.9	13
33	Continuous positive airway pressure therapy reduces oxidative stress markers and blood pressure in sleep apnea-hypopnea syndrome patients. <i>Biological Trace Element Research</i> , 2011 , 143, 1289-301	4.5	13

32	VEGF gene expression in adult human thymus fat: a correlative study with hypoxic induced factor and cyclooxygenase-2. <i>PLoS ONE</i> , 2009 , 4, e8213	3.7	13
31	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
30	The elevated prevalence of apolipoprotein E2 in patients with gout is associated with reduced renal excretion of urates. <i>Rheumatology</i> , 2003 , 42, 468-72	3.9	10
29	Effect of apolipoprotein C3 and apolipoprotein A1 polymorphisms on postprandial response to a fat overload in metabolic syndrome patients. <i>Clinical Biochemistry</i> , 2010 , 43, 1300-4	3.5	9
28	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
27	Complement Factor C3 Methylation and mRNA Expression Is Associated to BMI and Insulin Resistance in Obesity. <i>Genes</i> , 2018 , 9,	4.2	8
26	Postprandial hypertriglyceridemia predicts improvement in insulin resistance in obese patients after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2013 , 9, 213-8	3	8
25	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
24	Recovery of menstrual cycle after therapy for anorexia nervosa. <i>Eating and Weight Disorders</i> , 2005 , 10, e52-5	3.6	8
23	Influence of a fat overload on lipogenic regulators in metabolic syndrome patients. <i>British Journal of Nutrition</i> , 2011 , 105, 895-901	3.6	7
22	El eslabón perdido del síndrome metabólico: hiperlipemia posprandial y estrés oxidativo. <i>Endocrinología Y Nutrición: Órgano De La Sociedad Española De Endocrinología Y Nutrición</i> , 2006 , 53, 345-352		7
21	Eradication Treatment Causes Alterations in the Gut Microbiota and Blood Lipid Levels. <i>Frontiers in Medicine</i> , 2020 , 7, 417	4.9	7
20	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
19	Particular characteristics of the metabolic syndrome in patients with morbid obesity. <i>Endocrinología Y Nutrición: Órgano De La Sociedad Española De Endocrinología Y Nutrición</i> , 2013 , 60, 127-35		5
18	Change in serum polyamine metabolome pattern after bariatric surgery in obese patients with metabolic syndrome. <i>Surgery for Obesity and Related Diseases</i> , 2020 , 16, 306-311	3	5
17	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
16	PDE5A Polymorphisms Influence on Sildenafil Treatment Success. <i>Journal of Sexual Medicine</i> , 2016 , 13, 1104-10	1.1	3
15	Particular Characteristics of the Metabolic Syndrome in Patients with Morbid Obesity. <i>Endocrinología Y Nutrición (English Edition)</i> , 2013 , 60, 127-135		3

14	A Pilot Study of Serum Sphingomyelin Dynamics in Subjects with Severe Obesity and Non-alcoholic Steatohepatitis after Sleeve Gastrectomy. <i>Obesity Surgery</i> , 2019 , 29, 983-989	3.7	3
13	Involvement of acetyl-CoA-producing enzymes in the deterioration of the functional potential of adipose-derived multipotent cells from subjects with metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2018 , 88, 12-21	12.7	3
12	Response to a urate-lowering diet according to polymorphisms in the apolipoprotein AI-CIII-AIV cluster. <i>Journal of Rheumatology</i> , 2005 , 32, 903-5	4.1	3
11	Epigenetic regulation of white adipose tissue in the onset of obesity and metabolic diseases. <i>Obesity Reviews</i> , 2020 , 21, e13054	10.6	2
10	Chromatin immunoprecipitation improvements for the processing of small frozen pieces of adipose tissue. <i>PLoS ONE</i> , 2018 , 13, e0192314	3.7	2
9	Effects of SHBG rs1799941 Polymorphism on Free Testosterone Levels and Hypogonadism Risk in Young Non-Diabetic Obese Males. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	2
8	Autoantibodies to oxidized LDL and age. <i>Atherosclerosis</i> , 2007 , 190, 24-5	3.1	2
7	Relaci3n de la hipertrigliceridemia posprandial con la resistencia a la insulina en pacientes con s3ndrome metab3lico. <i>Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion</i> , 2006 , 53, 237-241		2
6	Molecular effect of fenofibrate on PBMC gene transcription related to lipid metabolism in patients with metabolic syndrome. <i>Clinical Endocrinology</i> , 2017 , 86, 784-790	3.4	1
5	Relationship of Zonulin with Serum PCSK9 Levels after a High Fat Load in a Population of Obese Subjects. <i>Biomolecules</i> , 2020 , 10,	5.9	1
4	Long-term effects of varying consumption of 3 fatty acids in ear, nose and throat cancer patients: assessment 1 year after radiotherapy. <i>International Journal of Food Sciences and Nutrition</i> , 2015 , 66, 108-113	3.7	1
3	Monoamino oxidase alleles correlate with the presence of essential hypertension among hypogonadic patients. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1040	2.3	1
2	The multifunctional protein E4F1 links P53 to lipid metabolism in adipocytes. <i>Nature Communications</i> , 2021 , 12, 7037	17.4	1
1	Human adipose tissue-derived stem cell paracrine networks vary according metabolic risk and after TNF3-induced death: An analysis at the single-cell level. <i>Metabolism: Clinical and Experimental</i> , 2021 , 116, 154466	12.7	