

Fernando Cardona

List of Publications by Year in descending order

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92
papers

5,096
citations

159525

30
h-index

91828

69
g-index

107
all docs

107
docs citations

107
times ranked

9185
citing authors

#	ARTICLE	IF	CITATIONS
1	Benefits of polyphenols on gut microbiota and implications in human health. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1415-1422.	1.9	1,146
2	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.	2.3	611
3	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.	1.1	371
4	Red wine polyphenols modulate fecal microbiota and reduce markers of the metabolic syndrome in obese patients. <i>Food and Function</i> , 2016, 7, 1775-1787.	2.1	262
5	Impact of the gut microbiota on the development of obesity and type 2 diabetes mellitus. <i>Frontiers in Microbiology</i> , 2014, 5, 190.	1.5	250
6	Intermittent hypoxia alters gut microbiota diversity in a mouse model of sleep apnoea. <i>European Respiratory Journal</i> , 2015, 45, 1055-1065.	3.1	199
7	Endotoxin increase after fat overload is related to postprandial hypertriglyceridemia in morbidly obese patients. <i>Journal of Lipid Research</i> , 2012, 53, 973-978.	2.0	110
8	Adipose Tissue Gene Expression of Factors Related to Lipid Processing in Obesity. <i>PLoS ONE</i> , 2011, 6, e24783.	1.1	94
9	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-E595.	1.8	85
10	Pro12Ala Polymorphism of the PPARC2 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, 2325-2330.	1.3	81
11	Effect of acute and chronic red wine consumption on lipopolysaccharide concentrations. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1053-1061.	2.2	71
12	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. <i>Clinica Chimica Acta</i> , 2016, 463, 53-61.	0.5	71
13	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.	0.6	70
14	FABP4 Dynamics in Obesity: Discrepancies in Adipose Tissue and Liver Expression Regarding Circulating Plasma Levels. <i>PLoS ONE</i> , 2012, 7, e48605.	1.1	67
15	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, 87.	1.0	67
16	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.	0.0	60
17	Metabolic endotoxemia promotes adipose dysfunction and inflammation in human obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E319-E332.	1.8	58
18	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, 452-457.	2.0	54

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19	H. pylori Eradication Treatment Alters Gut Microbiota and GLP-1 Secretion in Humans. <i>Journal of Clinical Medicine</i> , 2019, 8, 451.	1.0	52
20	Inflammation, Oxidative Stress and Metabolic Syndrome: Dietary Modulation. <i>Current Vascular Pharmacology</i> , 2014, 11, 906-919.	0.8	51
21	Fat overload aggravates oxidative stress in patients with the metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2008, 38, 510-515.	1.7	50
22	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, 933-939.	1.0	50
23	Green Tea Reduces LDL Oxidability and Improves Vascular Function. <i>Journal of the American College of Nutrition</i> , 2008, 27, 209-213.	1.1	48
24	Dietary fatty acids and insulin secretion: a population-based study. <i>European Journal of Clinical Nutrition</i> , 2006, 60, 1195-1200.	1.3	47
25	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, 85-88.	0.5	46
26	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.	1.1	43
27	The Apolipoprotein E Genotype Predicts Postprandial Hypertriglyceridemia in Patients with the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2972-2975.	1.8	42
28	Monounsaturated n-9 fatty acids and adipocyte lipolysis in rats. <i>British Journal of Nutrition</i> , 2003, 90, 1015-1022.	1.2	38
29	Protection from inflammatory disease in insulin resistance: the role of mannan-binding lectin. <i>Diabetologia</i> , 2006, 49, 2402-2411.	2.9	38
30	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, 111-121.	2.2	34
31	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.	1.1	33
32	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.	1.8	32
33	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, 71.	1.0	31
34	Adipose Tissue LPL Methylation is Associated with Triglyceride Concentrations in the Metabolic Syndrome. <i>Clinical Chemistry</i> , 2018, 64, 210-218.	1.5	30
35	Postprandial Circulating miRNAs in Response to a Dietary Fat Challenge. <i>Nutrients</i> , 2019, 11, 1326.	1.7	29
36	Effect of CPAP on Oxidative Stress and Circulating Progenitor Cell Levels in Sleep Patients With Apnea-Hypopnea Syndrome. <i>Respiratory Care</i> , 2011, 56, 1830-1836.	0.8	27

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37	Patterns of insulin resistance in the general population of southeast Spain. <i>Diabetes Research and Clinical Practice</i> , 2004, 65, 247-256.	1.1	26
38	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, 701-705.	0.8	26
39	Transcriptional Analysis of FOXO1, C/EBP- and PPAR-2 Genes and Their association with Obesity-Related Insulin Resistance. <i>Genes</i> , 2019, 10, 706.	1.0	26
40	Circulating antioxidant defences are decreased in healthy people after a high-fat meal. <i>British Journal of Nutrition</i> , 2008, 100, 312-316.	1.2	24
41	The ϵ 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, 148-152.	0.4	24
42	PPAR β mRNA Expression Is Reduced in Peripheral Blood Mononuclear Cells after Fat Overload in Patients with Metabolic Syndrome. <i>Journal of Nutrition</i> , 2008, 138, 903-907.	1.3	23
43	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, 429-431.	1.5	22
44	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, 115-122.	1.2	22
45	Pro12Ala Sequence Variant of the PPARC Gene Is Associated with Postprandial Hypertriglyceridemia in Non-E3/E3 Patients with the Metabolic Syndrome. <i>Clinical Chemistry</i> , 2006, 52, 1920-1925.	1.5	22
46	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, 1232-1237.	2.2	21
47	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, 405-414.	1.2	21
48	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.	1.8	20
49	Association between MspI polymorphism of the APO AI gene and Type 2 diabetes mellitus. <i>Diabetic Medicine</i> , 2005, 22, 782-788.	1.2	18
50	Positioning Europe for the EPITRANSCRIPTOMICS challenge. <i>RNA Biology</i> , 2018, 15, 1-3.	1.5	18
51	Effect of the combination of the variants ϵ 75G/A APOA1 and Trp64Arg ADRB3 on the risk of type 2 diabetes (DM2). <i>Clinical Endocrinology</i> , 2008, 68, 102-107.	1.2	17
52	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, 1289-1301.	1.9	16
53	H. pylori Eradication Treatment Causes Alterations in the Gut Microbiota and Blood Lipid Levels. <i>Frontiers in Medicine</i> , 2020, 7, 417.	1.2	16
54	The multifunctional protein E4F1 links P53 to lipid metabolism in adipocytes. <i>Nature Communications</i> , 2021, 12, 7037.	5.8	15

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55	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, 615-621.	1.7	14
56	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.	0.6	14
57	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.	1.1	13
58	Complement Factor C3 Methylation and mRNA Expression Is Associated to BMI and Insulin Resistance in Obesity. <i>Genes</i> , 2018, 9, 410.	1.0	13
59	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, 44-48.	1.2	12
60	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.	1.0	12
61	Recovery of menstrual cycle after therapy for anorexia nervosa. <i>Eating and Weight Disorders</i> , 2005, 10, e52-e55.	1.2	11
62	Inverse relation between levels of anti-oxidized-LDL antibodies and eicosapentanoic acid (EPA). <i>British Journal of Nutrition</i> , 2008, 100, 585-589.	1.2	11
63	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, 1300-1304.	0.8	10
64	Postprandial hypertriglyceridemia predicts improvement in insulin resistance in obese patients after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2013, 9, 213-218.	1.0	10
65	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.	0.9	10
66	Anti-oxidized LDL antibody levels are reduced in women with hypertension. <i>European Journal of Clinical Investigation</i> , 2009, 39, 800-806.	1.7	8
67	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.	1.1	8
68	Epigenetic regulation of white adipose tissue in the onset of obesity and metabolic diseases. <i>Obesity Reviews</i> , 2020, 21, e13054.	3.1	8
69	Influence of a fat overload on lipogenic regulators in metabolic syndrome patients. <i>British Journal of Nutrition</i> , 2011, 105, 895-901.	1.2	7
70	Particular characteristics of the metabolic syndrome in patients with morbid obesity. <i>Endocrinología Y Nutrición: Organo De La Sociedad Espanola De Endocrinología Y Nutrición</i> , 2013, 60, 127-135.	0.8	6
71	PDE5A Polymorphisms Influence on Sildenafil Treatment Success. <i>Journal of Sexual Medicine</i> , 2016, 13, 1104-1110.	0.3	6
72	Chromatin immunoprecipitation improvements for the processing of small frozen pieces of adipose tissue. <i>PLoS ONE</i> , 2018, 13, e0192314.	1.1	6

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73	Dietary fatty acids modify insulin secretion of rat pancreatic islet cells in vitro. <i>Journal of Endocrinological Investigation</i> , 2002, 25, 436-441.	1.8	5
74	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, 1136.	1.0	5
75	Monoamino oxidase alleles correlate with the presence of essential hypertension among hypogonadic patients. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1040.	0.6	5
76	Relationship of Zonulin with Serum PCSK9 Levels after a High Fat Load in a Population of Obese Subjects. <i>Biomolecules</i> , 2020, 10, 748.	1.8	5
77	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.	1.0	5
78	Genome Profiling of H3k4me3 Histone Modification in Human Adipose Tissue during Obesity and Insulin Resistance. <i>Biomedicines</i> , 2021, 9, 1363.	1.4	4
79	Particular Characteristics of the Metabolic Syndrome in Patients with Morbid Obesity. <i>Endocrinología Y Nutrición (English Edition)</i> , 2013, 60, 127-135.	0.5	3
80	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.	1.5	3
81	Autoantibodies to oxidized LDL and age. <i>Atherosclerosis</i> , 2007, 190, 24-25.	0.4	2
82	The role of transcription factors and epigenetic in adipose tissue in gene regulation of adipogenesis and carcinogenesis. <i>Atherosclerosis</i> , 2014, 235, e297.	0.4	1
83	Long-term effects of varying consumption of ω 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.	1.3	1
84	Molecular effect of fenofibrate on <i>PBMC</i> gene transcription related to lipid metabolism in patients with metabolic syndrome. <i>Clinical Endocrinology</i> , 2017, 86, 784-790.	1.2	1
85	Adipose Tissue H3K4m3 Histone Mark is Elevated on Adipogenic, Lipid Homeostasis and Inflammatory Master Genes in Obesity and Metabolic Disease. <i>Atherosclerosis Supplements</i> , 2018, 32, 108.	1.2	1
86	Human adipose tissue-derived stem cell paracrine networks vary according metabolic risk and after TNF α -induced death: An analysis at the single-cell level. <i>Metabolism: Clinical and Experimental</i> , 2021, 116, 154466.	1.5	1
87	W11-O-001 The apolipoprotein E genotype predicts postprandial hypertriglyceridemia. <i>Atherosclerosis Supplements</i> , 2005, 6, 56.	1.2	0
88	W12-P-020 Influence of age and sex on levels of anti-oxidized LDL antibodies and anti-LDL immune complexes in the general population. <i>Atherosclerosis Supplements</i> , 2005, 6, 66.	1.2	0
89	Complement factors are associated with bmi and homa-ir. <i>Atherosclerosis</i> , 2014, 235, e131.	0.4	0
90	Asociation between metabolic status and the methylation level of genes involved in metabolic disorders and obesity. <i>Atherosclerosis</i> , 2014, 235, e128.	0.4	0

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91	Impaired insulin signalling leads to decreased expression of GPIHBP1. <i>Atherosclerosis</i> , 2015, 241, e33.	0.4	0
92	Effects of normoxic recovery on intermittent hypoxia-induced changes of microbiome in a mouse model of OSA. , 2016, , .		0