

# Josep Ribalta

## List of Publications by Year in descending order

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90  
papers

2,966  
citations

172457

29  
h-index

168389

53  
g-index

97  
all docs

97  
docs citations

97  
times ranked

4631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triglyceride-mediated pathways and coronary disease: collaborative analysis of 101 studies. <i>Lancet, The</i> , 2010, 375, 1634-1639.	13.7	606
2	Liposcale: a novel advanced lipoprotein test based on 2D diffusion-ordered 1H NMR spectroscopy. <i>Journal of Lipid Research</i> , 2015, 56, 737-746.	4.2	133
3	Antioxidative and Antiatherosclerotic Effects of Human Apolipoprotein A-IV in Apolipoprotein E $\epsilon$ 4-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1023-1028.	2.4	131
4	Newly Identified Apolipoprotein AV Gene Predisposes to High Plasma Triglycerides in Familial Combined Hyperlipidemia. <i>Clinical Chemistry</i> , 2002, 48, 1597-1600.	3.2	121
5	Gene expression analysis of a human enterocyte cell line reveals downregulation of cholesterol biosynthesis in response to short-chain fatty acids. <i>IUBMB Life</i> , 2008, 60, 757-764.	3.4	98
6	Reversal of atherogenic lipoprotein profile in HIV-1 infected patients with lipodystrophy after replacing protease inhibitors by nevirapine. <i>Aids</i> , 2002, 16, 1383-1389.	2.2	92
7	ApoCIII Gene Variants Modulate Postprandial Response to Both Glucose and Fat Tolerance Tests. <i>Circulation</i> , 1999, 99, 1872-1877.	1.6	81
8	Reference values for plasma concentrations of asymmetrical dimethylarginine (ADMA) and other arginine metabolites in men after validation of a chromatographic method. <i>Clinica Chimica Acta</i> , 2007, 384, 141-148.	1.1	76
9	Apolipoprotein E Polymorphism and Serum Concentration in Alzheimer's Disease in Nine European Centres: the ApoEurope Study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000, 38, 721-730.	2.3	70
10	Effects of vitamin E and carotenoid status on oxidative stress in health and disease. Evidence obtained from human intervention studies. <i>Molecular Aspects of Medicine</i> , 2003, 24, 391-402.	6.4	65
11	Unsaturated fatty acids and their oxidation products stimulate CD36 gene expression in human macrophages. <i>Atherosclerosis</i> , 2002, 164, 45-56.	0.8	63
12	Comparison of the postprandial chylomicron carotenoid responses in young and older subjects. <i>European Journal of Nutrition</i> , 2003, 42, 315-323.	3.9	60
13	Apolipoprotein and apolipoprotein receptor genes, blood lipids and disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003, 6, 177-187.	2.5	51
14	Clinical and pathophysiological evidence supporting the safety of extremely low LDL levelsâ€”The zero-LDL hypothesis. <i>Journal of Clinical Lipidology</i> , 2018, 12, 292-299.e3.	1.5	51
15	Effects of soluble fiber ( <i>Plantago ovata</i> husk) on plasma lipids, lipoproteins, and apolipoproteins in men with ischemic heart disease. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 1157-1163.	4.7	50
16	Protease Inhibitor-Associated Dyslipidemia in HIV-Infected Patients Is Strongly Influenced by the APOA5 $\epsilon$ 1131T $\rightarrow$ C Gene Variation. <i>Clinical Chemistry</i> , 2006, 52, 1914-1919.	3.2	48
17	Diurnal triglyceride profiles in healthy normolipidemic male subjects are associated to insulin sensitivity, body composition and diet. <i>European Journal of Clinical Investigation</i> , 2000, 30, 964-971.	3.4	47
18	Efavirenz induces a striking and generalized increase of HDL-cholesterol in HIV-infected patients. <i>Aids</i> , 2004, 18, 819-821.	2.2	46

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19	Lopinavir/Ritonavir Plus Nevirapine as a Nucleoside-Sparing Approach in Antiretroviral-Experienced Patients (NEKA Study). <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2005, 38, 47-52.	2.1	45
20	Oxidized to non-oxidized lipoprotein ratios are associated with arteriosclerosis and the metabolic syndrome in diabetic patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008, 18, 380-387.	2.6	45
21	Update on APOA5 Genetics: Toward a Better Understanding of Its Physiological Impact. <i>Current Atherosclerosis Reports</i> , 2017, 19, 30.	4.8	45
22	In vivo and in vitro evidences that carotenoids could modulate the neutrophil respiratory burst during dietary manipulation. <i>European Journal of Nutrition</i> , 2005, 44, 114-120.	3.9	39
23	LipSpin: A New Bioinformatics Tool for Quantitative <sup>1</sup> H NMR Lipid Profiling. <i>Analytical Chemistry</i> , 2018, 90, 2031-2040.	6.5	38
24	Cocoa, Hazelnuts, Sterols and Soluble Fiber Cream Reduces Lipids and Inflammation Biomarkers in Hypertensive Patients: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2012, 7, e31103.	2.5	37
25	The Apolipoprotein AV Gene and Diurnal Triglyceridaemia in Normolipidaemic Subjects. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 517-21.	2.3	33
26	APOA5 gene expression in the human intestinal tissue and its response to in vitro exposure to fatty acid and fibrate. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 756-762.	2.6	33
27	Complement system and small HDL particles are associated with subclinical atherosclerosis in SLE patients. <i>Atherosclerosis</i> , 2012, 225, 224-230.	0.8	31
28	Circulating FABP4 is a marker of metabolic and cardiovascular risk in SLE patients. <i>Lupus</i> , 2014, 23, 245-254.	1.6	29
29	Newly identified apolipoprotein AV gene predisposes to high plasma triglycerides in familial combined hyperlipidemia. <i>Clinical Chemistry</i> , 2002, 48, 1597-600.	3.2	29
30	APOA5 variants predispose hyperlipidemic patients to atherogenic dyslipidemia and subclinical atherosclerosis. <i>Atherosclerosis</i> , 2015, 240, 98-104.	0.8	28
31	Familial hypercholesterolemia in Morocco: first report of mutations in the LDL receptor gene. <i>Journal of Human Genetics</i> , 2003, 48, 199-203.	2.3	27
32	Circulating PCSK9 levels are positively correlated with NMR-assessed atherogenic dyslipidaemia in patients with high cardiovascular risk. <i>Clinical Science</i> , 2015, 128, 877-882.	4.3	25
33	The $\epsilon^{1131T}>C$ 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.	0.8	24
34	Does aging affect the immune status? A comparative analysis in 300 healthy volunteers from France, Austria and Spain. <i>Immunity and Ageing</i> , 2013, 10, 38.	4.2	23
35	Retinoic acid induces PGI synthase expression in human endothelial cells. <i>Journal of Lipid Research</i> , 2008, 49, 1707-1714.	4.2	21
36	Prox-1 and FOXC2 gene expression in adipose tissue: A potential contributory role of the lymphatic system to familial combined hyperlipidaemia. <i>Atherosclerosis</i> , 2009, 206, 343-345.	0.8	21

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37	The apolipoprotein A5 (APOA5) gene predisposes Caucasian children to elevated triglycerides and vitamin E (Four Provinces Study). <i>Atherosclerosis</i> , 2010, 212, 543-547.	0.8	21
38	Increased concentrations of circulating vitamin E in carriers of the apolipoprotein A5 gene $\epsilon^{1131T}$ variant and associations with plasma lipids and lipid peroxidation. <i>Journal of Lipid Research</i> , 2007, 48, 2506-2513.	4.2	20
39	Nuclear Magnetic Resonance Lipoprotein Subclasses and the APOE Genotype Influence Carotid Atherosclerosis in Patients with Systemic Lupus Erythematosus. <i>Journal of Rheumatology</i> , 2010, 37, 2259-2267.	2.0	20
40	Impaired vitamin E status in patients with parenchymal liver cirrhosis: Relationships with lipoprotein compositional alterations, nutritional factors, and oxidative susceptibility of plasma. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 609-615.	3.4	18
41	Effects of Vitamin E Depletion/Repletion on Biomarkers of Oxidative Stress in Healthy Aging. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 361-364.	3.8	18
42	2,4-Decadienal downregulates TNF- $\alpha$ gene expression in THP-1 human macrophages. <i>Atherosclerosis</i> , 2001, 158, 95-101.	0.8	17
43	Neutrophils are immune cells preferentially targeted by retinoic acid in elderly subjects. <i>Immunity and Ageing</i> , 2010, 7, 10.	4.2	17
44	Diurnal triglyceridaemia and insulin resistance in mildly obese subjects with normal fasting plasma lipids. <i>Journal of Internal Medicine</i> , 2004, 255, 74-81.	6.0	16
45	The apolipoprotein A5 gene $\epsilon^{1131T}$ polymorphism affects vitamin E plasma concentrations in type 2 diabetic patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 453-7.	2.3	16
46	Immune status is more affected by age than by carotenoid depletion/repletion in healthy human subjects. <i>British Journal of Nutrition</i> , 2012, 108, 2054-2065.	2.3	16
47	Additive Effects of the PPAR $\beta$ , APOE, and FABP-2 Genes in Increasing Daylong Triglycerides of Normolipidemic Women to Concentrations Comparable to Those in Men. <i>Clinical Chemistry</i> , 2005, 51, 864-871.	3.2	15
48	Tissue-specific DNA methylation profiles regulate liver-specific expression of the APOA1/C3/A4/A5 cluster and can be manipulated with demethylating agents on intestinal cells. <i>Atherosclerosis</i> , 2014, 237, 528-535.	0.8	15
49	APOA5 genetic and epigenetic variability jointly regulate circulating triacylglycerol levels. <i>Clinical Science</i> , 2016, 130, 2053-2059.	4.3	15
50	Trans- $\epsilon$ vessel gradient of myeloperoxidase in coronary artery disease. <i>European Journal of Clinical Investigation</i> , 2013, 43, 920-925.	3.4	14
51	Progesterone-associated arginine decline at luteal phase of menstrual cycle and associations with related amino acids and nuclear factor $\kappa$ B activation. <i>PLoS ONE</i> , 2018, 13, e0200489.	2.5	14
52	Age-related change in the retinoid X receptor beta gene expression in peripheral blood mononuclear cells of healthy volunteers: Effect of 13-cis retinoic acid supplementation. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 594-600.	4.6	12
53	Body mass index correlates with atherogenic lipoprotein profile even in nonobese, normoglycemic, and normolipidemic healthy men. <i>Journal of Clinical Lipidology</i> , 2015, 9, 824-831.e1.	1.5	12
54	Two novel single nucleotide polymorphisms in the promoter of the Cellular Retinoic Acid Binding Protein II gene (CRABP-II). <i>Molecular and Cellular Probes</i> , 2003, 17, 21-23.	2.1	10

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55	The Effect of Age on Vitamin E Status, Metabolism, and Function: Metabolism as Assessed by Labeled Tocopherols. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 40-43.	3.8	10
56	Association of a polymorphism in the promoter of the cellular retinoic acid-binding protein II gene (CRABP2) with increased circulating low-density lipoprotein cholesterol. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 615-20.	2.3	10
57	Improving Assessment of Lipoprotein Profile in Type 1 Diabetes by 1H NMR Spectroscopy. <i>PLoS ONE</i> , 2015, 10, e0136348.	2.5	10
58	Two Variants in the Fibulin2 Gene Are Associated with Lower Systolic Blood Pressure and Decreased Risk of Hypertension. <i>PLoS ONE</i> , 2012, 7, e43051.	2.5	9
59	Precipitated sdLDL: An easy method to estimate LDL particle size. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23282.	2.1	9
60	Vitamin A is linked to the expression of the AI-CIII-AIV gene cluster in familial combined hyperlipidemia. <i>Journal of Lipid Research</i> , 1999, 40, 426-431.	4.2	9
61	Low plasma vitamin A concentrations in familial combined hyperlipidemia. <i>Clinical Chemistry</i> , 1997, 43, 2379-2383.	3.2	7
62	Physicochemical changes in HDL3 after bezafibrate treatment: influence on free cholesterol efflux from human fibroblasts. <i>Cardiovascular Drugs and Therapy</i> , 1997, 11, 653-658.	2.6	7
63	Mannose binding lectin 2 haplotypes do not affect the progression of coronary atherosclerosis in men with proven coronary artery disease treated with pravastatin. <i>Atherosclerosis</i> , 2011, 215, 125-129.	0.8	7
64	Association between polymorphisms in genes involved in lipid metabolism and immunological status in chronically HIV-infected patients. <i>Antiviral Research</i> , 2015, 114, 48-52.	4.1	7
65	Low-density lipoprotein net charge is a risk factor for atherosclerosis in lupus patients independent of lipid concentrations. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 480-487.	1.9	7
66	Distribution of seven ApoC-III glycoforms in plasma, VLDL, IDL, LDL and HDL of healthy subjects. <i>Journal of Proteomics</i> , 2022, 251, 104398.	2.4	7
67	MTP gene polymorphisms and postprandial lipemia in familial combined hyperlipidemia: Effects of treatment with atorvastatin. <i>Clínica e Investigación en Arteriosclerosis</i> , 2014, 26, 49-57.	0.8	5
68	Polymorphisms in <i>LPL</i> , <i>CETP</i> , and <i>HL</i> Protect HIV-Infected Patients from Atherogenic Dyslipidemia in an Allele-Dose-Dependent Manner. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 882-888.	1.1	5
69	Characterization of the LPS and 3OHFA Contents in the Lipoprotein Fractions and Lipoprotein Particles of Healthy Men. <i>Biomolecules</i> , 2022, 12, 47.	4.0	5
70	Does Aging Affect the Response of Vitamin E Status to Vitamin E Depletion and Supplementation?. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 381-384.	3.8	4
71	Familial hypercholesterolemia associated with severe hypoalphalipoproteinemia in a Moroccan family. <i>Journal of Genetics</i> , 2007, 86, 159-163.	0.7	4
72	Low-density lipoprotein from active SLE patients is more atherogenic to endothelial cells than low-density lipoprotein from the same patients during remission. <i>Rheumatology</i> , 2021, 60, 866-871.	1.9	4

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73	Evidence against alterations in Lecithin:cholesterol acyltransferase (LCAT) activity in Familial combined hyperlipidemia. <i>Atherosclerosis</i> , 1998, 138, 383-389.	0.8	3
74	Effect of 13-cis-retinoic acid on the genetic expression profile of human umbilical vein endothelial cells (HUVECs) determined by microarray. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 829-34.	2.3	3
75	Design and evaluation of standard lipid prediction models based on 1H-NMR spectroscopy of human serum/plasma samples. <i>Metabolomics</i> , 2015, 11, 1394-1404.	3.0	3
76	Polymorphisms in LPL, CETP, and HL protect HIV-infected patients from atherogenic dyslipidemia in an allele-dose-dependent manner. <i>Journal of the International AIDS Society</i> , 2014, 17, 19557.	3.0	2
77	Differential leucocyte RNA expression in the coronary arteries compared to systemic circulation discriminates between patients with and those without coronary artery disease. <i>Cl�nica E Investigaci�n En Arteriosclerosis</i> , 2017, 29, 60-66.	0.8	2
78	Activation of nuclear factor-kappa B subunits c-Rel, p65 and p50 by plasma lipids and fatty acids across the menstrual cycle. <i>Free Radical Biology and Medicine</i> , 2020, 160, 488-500.	2.9	2
79	El gen de la apolipoprote�na A5 se expresa en el intestino humano. <i>Cl�nica E Investigaci�n En Arteriosclerosis</i> , 2008, 20, 129-134.	0.8	1
80	Progress in understanding postprandial dyslipidaemia: Second International Symposium on the Role of Chylomicrons in Disease I. <i>Atherosclerosis Supplements</i> , 2010, 11, 1-2.	1.2	1
81	Association between lipid genetic and immunological status in chronically HIV-infected patients. <i>Journal of the International AIDS Society</i> , 2014, 17, 19555.	3.0	1
82	1H-magnetic resonance spectroscopy lipoprotein profile in patients with chronic heart failure versus matched controls. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, , .	0.6	1
83	Statistical mediation of the relationships between chronological age and lipoproteins by nonessential amino acids in healthy men. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 6169-6178.	4.1	1
84	Efecto del �cido 13-cis-retinoico sobre el perfil de expresi�n g�nica de c�lulas HUVEC (human umbilical) Tj ETQq0 0 0 rgBT /Overl 19, 129-135.	0.8	0
85	La apolipoprote�na A-II y las m�ltiples funciones de la HDL. <i>Cl�nica E Investigaci�n En Arteriosclerosis</i> , 2010, 22, 198-199.	0.8	0
86	Differential leucocyte RNA expression in the coronary arteries compared to systemic circulation discriminates between patients with and those without coronary artery disease. <i>Cl�nica E Investigaci�n En Arteriosclerosis (English Edition)</i> , 2017, 29, 60-66.	0.2	0
87	La asignaci�n de factor impacto a Cl�nica e Investigaci�n en Arteriosclerosis. Un objetivo cada vez m�s cercano. <i>Cl�nica E Investigaci�n En Arteriosclerosis</i> , 2019, 31, 261-262.	0.8	0
88	Perfil lipoproteico por espectroscopia nuclear magn�tica en pacientes con insuficiencia cardiaca cr�nica comparado con controles apareados. <i>Revista Espanola De Cardiologia</i> , 2022, , .	1.2	0
89	Letter to Editor: Increased Presence of Remnant Lipoprotein Cholesterol in The Hdl of Diabetic Subjects. <i>Annals of Clinical and Laboratory Science</i> , 2016, 46, 229-32.	0.2	0
90	Muscular carnosine is a marker for cardiorespiratory fitness and cardiometabolic risk factors in men with type 1 diabetes. <i>European Journal of Applied Physiology</i> , 2022, , 1.	2.5	0