Joan Carles Vallvé

List of Publications by Year
in descending order

51 papers	1,202 citations	361413 20 h-index	395702 33 g-index
54 all docs	54 docs citations	54 times ranked	2043 citing authors

#	Article	IF	Citations
1	Elevated levels of small, low-density lipoprotein with high affinity for arterial matrix components in patients with rheumatoid arthritis: Possible contribution of phospholipase A2 to this atherogenic profile. Arthritis and Rheumatism, 2001, 44, 2761-2767.	6.7	125
2	Gene expression analysis of a human enterocyte cell line reveals downregulation of cholesterol biosynthesis in response to short‐chain fatty acids. IUBMB Life, 2008, 60, 757-764.	3.4	98
3	Unsaturated fatty acids and their oxidation products stimulate CD36 gene expression in human macrophages. Atherosclerosis, 2002, 164, 45-56.	0.8	63
4	Title: Human Serum/Plasma Glycoprotein Analysis by 1H-NMR, an Emerging Method of Inflammatory Assessment. Journal of Clinical Medicine, 2020, 9, 354.	2.4	57
5	Polyunsaturated fatty acids down-regulate in vitro expression of the key intestinal cholesterol absorption protein NPC1L1: no effect of monounsaturated nor saturated fatty acids. Journal of Nutritional Biochemistry, 2010, 21, 518-525.	4.2	56
6	Apolipoprotein and apolipoprotein receptor genes, blood lipids and disease. Current Opinion in Clinical Nutrition and Metabolic Care, 2003, 6, 177-187.	2.5	51
7	FABP4 Induces Vascular Smooth Muscle Cell Proliferation and Migration through a MAPK-Dependent Pathway. PLoS ONE, 2013, 8, e81914.	2.5	51
8	Clinical and pathophysiological evidence supporting the safety of extremely low LDL levels—The zero-LDL hypothesis. Journal of Clinical Lipidology, 2018, 12, 292-299.e3.	1.5	51
9	Effects of soluble fiber (Plantago ovatahusk) on plasma lipids, lipoproteins, and apolipoproteins in men with ischemic heart disease. American Journal of Clinical Nutrition, 2007, 85, 1157-1163.	4.7	50
10	Characterization of ^{1}H NMR Plasma Glycoproteins as a New Strategy To Identify Inflammatory Patterns in Rheumatoid Arthritis. Journal of Proteome Research, 2018, 17, 3730-3739.	3.7	46
11	The Circulating GRP78/BiP Is a Marker of Metabolic Diseases and Atherosclerosis: Bringing Endoplasmic Reticulum Stress into the Clinical Scenario. Journal of Clinical Medicine, 2019, 8, 1793.	2.4	40
12	Antioxidant vitamins and lipid peroxidation in patients with rheumatoid arthritis: association with inflammatory markers. Journal of Rheumatology, 2002, 29, 2271-7.	2.0	39
13	APOA5 gene expression in the human intestinal tissue and its response to in vitro exposure to fatty acid and fibrate. Nutrition, Metabolism and Cardiovascular Diseases, 2012, 22, 756-762.	2.6	33
14	Familial hypercholesterolemia in Morocco: first report of mutations in the LDL receptor gene. Journal of Human Genetics, 2003, 48, 199-203.	2.3	27
15	Cytotoxic effects of the lipid peroxidation product 2,4-decadienal in vascular smooth muscle cells. Atherosclerosis, 2003, 169, 245-250.	0.8	24
16	Tumor necrosis factor-alpha -1031 T/C polymorphism is associated with smaller and more proatherogenic low density lipoprotein particles in patients with rheumatoid arthritis. Journal of Rheumatology, 2008, 35, 1697-703.	2.0	24
17	Prox-1 and FOXC2 gene expression in adipose tissue: A potential contributory role of the lymphatic system to familial combined hyperlipidaemia. Atherosclerosis, 2009, 206, 343-345.	0.8	21
18	Increased concentrations of circulating vitamin E in carriers of the apolipoprotein A5 gene âˆ'1131T>C variant and associations with plasma lipids and lipid peroxidation. Journal of Lipid Research, 2007, 48, 2506-2513.	4.2	20

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19	Autosomal recessive hypercholesterolemia in Spanish kindred due to a large deletion in the ARH gene. Molecular Genetics and Metabolism, 2007, 92, 243-248.	1.1	20
20	2,4-Decadienal downregulates TNF-Î± gene expression in THP-1 human macrophages. Atherosclerosis, 2001, 158, 95-101.	0.8	17
21	Renal and hepatic effects following neonatal exposure to low doses of Bisphenol-A and 137 Cs. Food and Chemical Toxicology, 2018, 114, 270-277.	3.6	17
22	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. Atherosclerosis, 2014, 237, 528-535.	0.8	15
23	Simvastatin Increases Fibulin-2 Expression in Human Coronary Artery Smooth Muscle Cells via RhoA/Rho-Kinase Signaling Pathway Inhibition. PLoS ONE, 2015, 10, e0133875.	2.5	15
24	APOA5 genetic and epigenetic variability jointly regulate circulating triacylglycerol levels. Clinical Science, 2016, 130, 2053-2059.	4.3	15
25	Assessment of arterial stiffness variables in patients with rheumatoid arthritis: A mediation analysis. Scientific Reports, 2019, 9, 4543.	3.3	15
26	Fatty acids modulate the effect of darglitazone on macrophage CD36 expression. European Journal of Clinical Investigation, 2003, 33, 464-471.	3.4	14
27	Effect of radiotherapy on the expression of cardiovascular disease-related miRNA-146a, -155, -221 and -222 in blood of women with breast cancer. PLoS ONE, 2019, 14, e0217443.	2.5	13
28	Palmitate decreases migration and proliferation and increases oxidative stress and inflammation in smooth muscle cells: role of the Nrf2 signaling pathway. American Journal of Physiology - Cell Physiology, 2019, 316, C888-C897.	4.6	13
29	Body mass index correlates with atherogenic lipoprotein profile even in nonobese, normoglycemic, and normolipidemic healthy men. Journal of Clinical Lipidology, 2015, 9, 824-831.e1.	1.5	12
30	Unravelling and Quantifying the â€œNMR-Invisibleâ€•Metabolites Interacting with Human Serum Albumin by Binding Competition and T2 Relaxation-Based Decomposition Analysis. Journal of Proteome Research, 2017, 16, 1847-1856.	3.7	12
31	Variables associated with subclinical atherosclerosis in a cohort of rheumatoid arthritis patients: Sex-specific associations and differential effects of disease activity and age. PLoS ONE, 2018, 13, e0193690.	2.5	12
32	Plasma expression of microRNA-425-5p and microRNA-451a as biomarkers of cardiovascular disease in rheumatoid arthritis patients. Scientific Reports, 2021, 11, 15670.	3.3	12
33	Aldehydes mediate tissue factor induction: A possible mechanism linking lipid peroxidation to thrombotic events. Journal of Cellular Physiology, 2004, 198, 230-236.	4.1	11
34	Serum palmitoleate acts as a lipokine in subjects at high cardiometabolic risk. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 261-267.	2.6	11
35	Two novel single nucleotide polymorphisms in the promoter of the Cellular Retinoic Acid Binding Protein II gene (CRABP-II). Molecular and Cellular Probes, 2003, 17, 21-23.	2.1	10
36	Improving Assessment of Lipoprotein Profile in Type 1 Diabetes by 1H NMR Spectroscopy. PLoS ONE, 2015, 10, e0136348.	2.5	10

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37	Two Variants in the Fibulin2 Gene Are Associated with Lower Systolic Blood Pressure and Decreased Risk of Hypertension. PLoS ONE, 2012, 7, e43051.	2.5	9
38	FABP4 plasma concentrations are determined by acquired metabolic derangements rather than genetic determinants. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 875-880.	2.6	9
39	Mannose binding lectin 2 haplotypes do not affect the progression of coronary atherosclerosis in men with proven coronary artery disease treated with pravastatin. Atherosclerosis, 2011, 215, 125-129.	0.8	7
40	Association between polymorphisms in genes involved in lipid metabolism and immunological status in chronically HIV-infected patients. Antiviral Research, 2015, 114, 48-52.	4.1	7
41	Low€density lipoprotein net charge is a risk factor for atherosclerosis in lupus patients independent of lipid concentrations. International Journal of Rheumatic Diseases, 2019, 22, 480-487.	1.9	7
42	Evidence against alterations in Lecithin:cholesterol acyltransferase (LCAT) activity in Familial combined hyperlipidemia. Atherosclerosis, 1998, 138, 383-389.	0.8	3
43	Effect of Radiation on the Expression of CVD-related miRNAs, Inflammation and Endothelial Dysfunction of HUVECs. Anticancer Research, 2019, 39, 771-780.	1.1	3
44	Polymorphisms in LPL, CETP, and HL protect HIV-infected patients from atherogenic dyslipidemia in an allele-dose-dependent manner. Journal of the International AIDS Society, 2014, 17, 19557.	3.0	2
45	Differential leucocyte RNA expression in the coronary arteries compared to systemic circulation discriminates between patients with and those without coronary artery disease. Clínica E Investigación En Arteriosclerosis, 2017, 29, 60-66.	0.8	2
46	MicroRNA differential expression shared between rheumatoid arthritis and acute myocardial infarction: an exploratory study. Clinical and Experimental Rheumatology, 2019, 37, 886-887.	0.8	2
47	El gen de la apolipoproteína A5 se expresa en el intestino humano. Clínica E Investigación En Arteriosclerosis, 2008, 20, 129-134.	0.8	1
48	Association between lipid genetic and immunological status in chronically HIV-infected patients. Journal of the International AIDS Society, 2014, 17, 19555.	3.0	1
49	Statistical mediation of the relationships between chronological age and lipoproteins by nonessential amino acids in healthy men. Computational and Structural Biotechnology Journal, 2021, 19, 6169-6178.	4.1	1
50	Los ácidos grasos poliinsaturados disminuyen la expresión in vitro de la proteína NPC1L1, clave en la absorción intestinal de colesterol. Clínica E Investigación En Arteriosclerosis, 2008, 20, 200-206.	0.8	0
51	Letter to Editor: Increased Presence of Remnant Lipoprotein Cholesterol in The Hdl of Diabetic Subjects. Annals of Clinical and Laboratory Science, 2016, 46, 229-32.	0.2	0