

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.

71 papers	1,618 citations	24 h-index	37 g-index
77 ext. papers	1,898 ext. citations	4.2 avg, IF	4.04 L-index

#	Paper	IF	Citations
71	Antioxidative and antiatherosclerotic effects of human apolipoprotein A-IV in apolipoprotein E-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 1023-8	9.4	117
70	Evidence of hypolipemiant and antioxidant properties of argan oil derived from the argan tree (<i>Argania spinosa</i>). <i>Clinical Nutrition</i> , 2004 , 23, 1159-66	5.9	105
69	Simvastatin decreases aldehyde production derived from lipoprotein oxidation. <i>American Journal of Cardiology</i> , 1999 , 83, 846-51	3	93
68	Plasma fatty acid binding protein 4 is associated with atherogenic dyslipidemia in diabetes. <i>Journal of Lipid Research</i> , 2008 , 49, 1746-51	6.3	69
67	Exogenous FABP4 increases breast cancer cell proliferation and activates the expression of fatty acid transport proteins. <i>Molecular Carcinogenesis</i> , 2017 , 56, 208-217	5	68
66	Oleic acid rich diet protects against the oxidative modification of high density lipoprotein. <i>Free Radical Biology and Medicine</i> , 1997 , 22, 1037-45	7.8	62
65	Role of the fatty acid-binding protein 4 in heart failure and cardiovascular disease. <i>Journal of Endocrinology</i> , 2017 , 233, R173-R184	4.7	58
64	Unsaturated fatty acids and their oxidation products stimulate CD36 gene expression in human macrophages. <i>Atherosclerosis</i> , 2002 , 164, 45-56	3.1	52
63	Fatty acid-binding protein 4 impairs the insulin-dependent nitric oxide pathway in vascular endothelial cells. <i>Cardiovascular Diabetology</i> , 2012 , 11, 72	8.7	51
62	Fatty acid-binding protein 4 is associated with endothelial dysfunction in patients with type 2 diabetes. <i>Atherosclerosis</i> , 2010 , 213, 329-31	3.1	47
61	Plasma fatty acid-binding protein 4 increases with renal dysfunction in type 2 diabetic patients without microalbuminuria. <i>Clinical Chemistry</i> , 2008 , 54, 181-7	5.5	40
60	Apolipoprotein and apolipoprotein receptor genes, blood lipids and disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003 , 6, 177-87	3.8	40
59	FABP4 induces vascular smooth muscle cell proliferation and migration through a MAPK-dependent pathway. <i>PLoS ONE</i> , 2013 , 8, e81914	3.7	39
58	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, 380-7	4.5	38
57	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, 1157-63	7	38
56	Clinical and pathophysiological evidence supporting the safety of extremely low LDL levels-The zero-LDL hypothesis. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 292-299.e3	4.9	33
55	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	3.7	31

54	Oxidized lipoproteins including HDL and their lipid peroxidation products inhibit TNF-alpha secretion by THP-1 human macrophages. <i>Free Radical Biology and Medicine</i> , 1997 , 23, 658-67	7.8	30
53	The fatty acid binding protein-4 (FABP4) is a strong biomarker of metabolic syndrome and lipodystrophy in HIV-infected patients. <i>Atherosclerosis</i> , 2008 , 199, 147-53	3.1	28
52	Exogenous FABP4 induces endoplasmic reticulum stress in HepG2 liver cells. <i>Atherosclerosis</i> , 2016 , 249, 191-9	3.1	28
51	Circulating PCSK9 in patients with type 2 diabetes and related metabolic disorders. <i>Clinica E Investigaci3n En Arteriosclerosis</i> , 2016 , 28, 71-8	1.4	26
50	New insights into circulating FABP4: Interaction with cytokeratin 1 on endothelial cell membranes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 2966-74	4.9	25
49	APOH is increased in the plasma and liver of type 2 diabetic patients with metabolic syndrome. <i>Atherosclerosis</i> , 2010 , 209, 201-5	3.1	25
48	HDL derived from the different phases of conjugated diene formation reduces membrane fluidity and contributes to a decrease in free cholesterol efflux from human THP-1 macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003 , 1633, 143-8	5	25
47	Circulating PCSK9 levels and CETP plasma activity are independently associated in patients with metabolic diseases. <i>Cardiovascular Diabetology</i> , 2016 , 15, 107	8.7	24
46	Cytotoxic effects of the lipid peroxidation product 2,4-decadienal in vascular smooth muscle cells. <i>Atherosclerosis</i> , 2003 , 169, 245-50	3.1	22
45	LDL Receptor Regulates the Reverse Transport of Macrophage-Derived Unesterified Cholesterol via Concerted Action of the HDL-LDL Axis: Insight From Mouse Models. <i>Circulation Research</i> , 2020 , 127, 778-792	15.7	21
44	HDL Triglycerides: A New Marker of Metabolic and Cardiovascular Risk. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
43	FABP4 inhibitor BMS309403 decreases saturated-fatty-acid-induced endoplasmic reticulum stress-associated inflammation in skeletal muscle by reducing p38 MAPK activation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 604-613	5	20
42	Supplementation with vitamin E and/or zinc does not attenuate atherosclerosis in apolipoprotein E-deficient mice fed a high-fat, high-cholesterol diet. <i>International Journal for Vitamin and Nutrition Research</i> , 2001 , 71, 45-52	1.7	20
41	Increasing long-chain n-3PUFA consumption improves small peripheral artery function in patients at intermediate-high cardiovascular risk. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 642-6	6.3	19
40	The Circulating GRP78/BiP Is a Marker of Metabolic Diseases and Atherosclerosis: Bringing Endoplasmic Reticulum Stress into the Clinical Scenario. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	17
39	Substituting non-HDL cholesterol with LDL as a guide for lipid-lowering therapy increases the number of patients with indication for therapy. <i>Atherosclerosis</i> , 2013 , 226, 471-5	3.1	16
38	Adipose-Derived Fatty Acid-Binding Proteins Plasma Concentrations Are Increased in Breast Cancer Patients. <i>Oncologist</i> , 2017 , 22, 1309-1315	5.7	16
37	Fatty acid binding protein 4 (FABP4) as a potential biomarker reflecting myocardial lipid storage in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2019 , 96, 12-21	12.7	15

36	Remarkable quantitative and qualitative differences in HDL after niacin or fenofibrate therapy in type 2 diabetic patients. <i>Atherosclerosis</i> , 2015 , 238, 213-9	3.1	15
35	The apolipoprotein A5 gene -1131T-->C polymorphism affects vitamin E plasma concentrations in type 2 diabetic patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 453-7	5.9	15
34	2,4-Decadienal downregulates TNF-alpha gene expression in THP-1 human macrophages. <i>Atherosclerosis</i> , 2001 , 158, 95-101	3.1	15
33	Heterozygous familial hypercholesterolaemic patients have increased arterial stiffness, as determined using the augmentation index. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011 , 18, 1110-6	4	14
32	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, 609-15	12.7	13
31	Even low physical activity levels improve vascular function in overweight and obese postmenopausal women. <i>Menopause</i> , 2013 , 20, 1036-42	2.5	12
30	Negative effect of a low-carbohydrate, high-protein, high-fat diet on small peripheral artery reactivity in patients with increased cardiovascular risk. <i>British Journal of Nutrition</i> , 2013 , 109, 1241-7	3.6	11
29	Plasma inducible degrader of the LDLR, soluble low-density lipoprotein receptor, and proprotein convertase subtilisin/kexin type 9 levels as potential biomarkers of familial hypercholesterolemia in children. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 211-218	4.9	10
28	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	4.9	10
27	Lifestyle changes lower FABP4 plasma concentration in patients with cardiovascular risk. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 152-7	1.5	10
26	Small artery dilation and endothelial markers in cardiovascular risk patients. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 34-41	4.6	10
25	Hepatic production of apolar aldehydes in rats with carbon tetrachloride-induced cirrhosis. <i>Molecular and Cellular Biochemistry</i> , 1999 , 198, 57-60	4.2	10
24	Aldehydes mediate tissue factor induction: a possible mechanism linking lipid peroxidation to thrombotic events. <i>Journal of Cellular Physiology</i> , 2004 , 198, 230-6	7	9
23	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	6.3	9
22	Effect of the long-term regular intake of virgin olive oil on the phenolic metabolites in human fasting plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 68-74	3.5	8
21	Palmitate decreases migration and proliferation and increases oxidative stress and inflammation in smooth muscle cells: role of the Nrf2 signaling pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 316, C888-C897	5.4	7
20	Lipoprotein profile assessed by 2D-1H-NMR and subclinical atherosclerosis in children with familial hypercholesterolaemia. <i>Atherosclerosis</i> , 2018 , 270, 117-122	3.1	7
19	Impact of epidermal fatty acid binding protein on 2D-NMR-assessed atherogenic dyslipidemia and related disorders. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 330-8.e2	4.9	7

18	Low plasma vitamin A concentrations in familial combined hyperlipidemia. <i>Clinical Chemistry</i> , 1997 , 43, 2379-2383	5.5	7
17	Generation of eight adjacent mutations in a single step using a site-directed mutagenesis kit. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004 , 42, 384-6	5.9	6
16	Glycoprotein Profile Assessed by H-NMR as a Global Inflammation Marker in Patients with HIV Infection. A Prospective Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
15	Plasma glucose, triglycerides, VLDL, leptin and resistin levels as potential biomarkers for myocardial fat in mice. <i>Clínica E Investigación En Arteriosclerosis</i> , 2020 , 32, 8-14	1.4	4
14	Low-carbohydrate, high-protein, high-fat diet alters small peripheral artery reactivity in metabolic syndrome patients. <i>Clínica E Investigación En Arteriosclerosis</i> , 2014 , 26, 58-65	1.4	4
13	Hepatic Lipidomics and Molecular Imaging in a Murine Non-Alcoholic Fatty Liver Disease Model: Insights into Molecular Mechanisms. <i>Biomolecules</i> , 2020 , 10,	5.9	4
12	Evidence against alterations in Lecithin:cholesterol acyltransferase (LCAT) activity in familial combined hyperlipidemia. <i>Atherosclerosis</i> , 1998 , 138, 383-9	3.1	3
11	Gelsolin: a new biomarker of disease activity in SLE patients associated with HDL-c. <i>Rheumatology</i> , 2020 , 59, 650-661	3.9	2
10	Serum glycoproteins A and B assessed by H-NMR in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2021 , 330, 1-7	3.1	2
9	Altered Serum Metabolic Profile Assessed by Advanced 1H-NMR in Breast Cancer Patients. <i>Cancers</i> , 2021 , 13,	6.6	2
8	Efficacy of therapeutic lifestyle changes on lipid profiles assessed by NMR in children with familial and non-familial hypercholesterolemia. <i>Clínica E Investigación En Arteriosclerosis</i> , 2020 , 32, 49-58	1.4	1
7	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	6.8	1
6	Dietary intake and lipid levels in Norwegian and Spanish children with familial hypercholesterolemia. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 1299-1307	4.5	1
5	Triglyceride-Rich Lipoproteins and Glycoprotein A and B Assessed by 1H-NMR in Metabolic-Associated Fatty Liver Disease.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 775677	5.7	0
4	Relationship Between Fatty Acid Binding Protein 4 and Liver Fat in Individuals at Increased Cardiometabolic Risk.. <i>Frontiers in Physiology</i> , 2021 , 12, 781789	4.6	0
3	Evolution of Serum Acute-Phase Glycoproteins Assessed by H-NMR in HIV Elite Controllers. <i>Frontiers in Immunology</i> , 2021 , 12, 730691	8.4	0
2	Lifestyle Changes Lower FABP4 Plasma Concentration in Patients With Cardiovascular Risk. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2012 , 65, 152-157	0.7	
1	FABP4, función endotelial y grosor de la íntima-media carotídeo en pacientes con riesgo cardiovascular. <i>Clínica E Investigación En Arteriosclerosis</i> , 2011 , 23, 211-218	1.4	

