

Oscar PÃ©rez-MÃ©ndez

List of Publications by Year in descending order

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108
papers

1,915
citations

279798

23
h-index

345221

36
g-index

118
all docs

118
docs citations

118
times ranked

2965
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effects of <i>Spirulina maxima</i> on hyperlipidemia and oxidative-stress induced by lead acetate in the liver and kidney. <i>Lipids in Health and Disease</i> , 2010, 9, 35.	3.0	105
2	The effect of two energy-restricted diets, a low-fructose diet versus a moderate natural fructose diet, on weight loss and metabolic syndrome parameters: a randomized controlled trial. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 1551-1559.	3.4	105
3	Association between organophosphate pesticides exposure and thyroid hormones in floriculture workers. <i>Toxicology and Applied Pharmacology</i> , 2010, 243, 19-26.	2.8	92
4	Adipose Tissue in Metabolic Syndrome: Onset and Progression of Atherosclerosis. <i>Archives of Medical Research</i> , 2015, 46, 392-407.	3.3	82
5	HDL-cholesterol in coronary artery disease risk: Function or structure?. <i>Clinica Chimica Acta</i> , 2014, 429, 111-122.	1.1	58
6	Abnormal HDL subclasses distribution in overweight children with insulin resistance or type 2 diabetes mellitus. <i>Clinica Chimica Acta</i> , 2007, 376, 17-22.	1.1	49
7	Chronic hypothyroidism induces abnormal structure of high-density lipoproteins and impaired kinetics of apolipoprotein A-I in the rat. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 443-450.	3.4	45
8	Metabolism of apolipoproteins AI and AII in subjects carrying similar apoAI mutations, apoAI Milano and apoAI Paris. <i>Atherosclerosis</i> , 2000, 148, 317-325.	0.8	43
9	Relationship between human paraoxonase-1 activity and PON1 polymorphisms in Mexican workers exposed to organophosphate pesticides. <i>Toxicology Letters</i> , 2009, 188, 84-90.	0.8	42
10	Interaction between organophosphate pesticide exposure and PON1 activity on thyroid function. <i>Toxicology and Applied Pharmacology</i> , 2010, 249, 16-24.	2.8	41
11	Fish-eye disease: Structural and in vivo metabolic abnormalities of high-density lipoproteins. <i>Metabolism: Clinical and Experimental</i> , 1997, 46, 474-483.	3.4	35
12	Characterization of functional residues in the interfacial recognition domain of lecithin cholesterol acyltransferase (LCAT). <i>Protein Engineering, Design and Selection</i> , 1999, 12, 71-78.	2.1	33
13	Current Therapies Focused on High-Density Lipoproteins Associated with Cardiovascular Disease. <i>Molecules</i> , 2018, 23, 2730.	3.8	33
14	Effect of the Treatment with Allopurinol on the Endothelial Function in Patients with Hyperuricemia. <i>Endocrine Research</i> , 2012, 37, 1-6.	1.2	32
15	Maternal exposure to floricultural work during pregnancy, PON1 Q192R polymorphisms and the risk of low birth weight. <i>Science of the Total Environment</i> , 2009, 407, 5478-5485.	8.0	31
16	Effect of tomato consumption on high-density lipoprotein cholesterol level: a randomized, single-blinded, controlled clinical trial. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2013, 6, 263.	2.4	30
17	Lipid plasma concentrations of HDL subclasses determined by enzymatic staining on polyacrylamide electrophoresis gels in children with metabolic syndrome. <i>Clinica Chimica Acta</i> , 2011, 412, 292-298.	1.1	27
18	Contribution of Cholesteryl Ester Transfer Protein and Lecithin:Cholesterol Acyltransferase to HDL Size Distribution. <i>Endocrine Research</i> , 2004, 30, 403-415.	1.2	26

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19	Contribution of the hydrophobicity gradient of an amphipathic peptide to its mode of association with lipids. <i>FEBS Journal</i> , 1998, 256, 570-579.	0.2	25
20	Rosiglitazone modifies HDL structure and increases HDL-apo AI synthesis and catabolic rates. <i>Clinica Chimica Acta</i> , 2009, 401, 37-41.	1.1	25
21	Pleiotropic Effects of Thyroid Hormones: Learning from Hypothyroidism. <i>Journal of Thyroid Research</i> , 2011, 2011, 1-17.	1.3	24
22	Physiopathological implications of P2X ₁ and P2X ₇ receptors in regulation of glomerular hemodynamics in angiotensin II-induced hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F9-F19.	2.7	24
23	Pioglitazone increases the fractional catabolic and production rates of high-density lipoproteins apo AI in the New Zealand White Rabbit. <i>Atherosclerosis</i> , 2005, 181, 233-240.	0.8	23
24	Association Between IL-1B and IL-1RN Gene Polymorphisms and Chagas' Disease Development Susceptibility. <i>Immunological Investigations</i> , 2009, 38, 231-239.	2.0	23
25	Enzymatic assessment of cholesterol on electrophoresis gels for estimating HDL size distribution and plasma concentrations of HDL subclasses. <i>Journal of Lipid Research</i> , 2010, 51, 1610-1617.	4.2	23
26	Pioglitazone improves the cardiovascular profile in patients with uncomplicated systemic lupus erythematosus: a double-blind randomized clinical trial. <i>Lupus</i> , 2012, 21, 27-35.	1.6	22
27	Hypertriglyceridemia Is Linked to Reduced Nitric Oxide Synthesis in Women with Hypertensive Disorders of Pregnancy. <i>Hypertension in Pregnancy</i> , 2007, 26, 423-431.	1.1	21
28	Altered Flow-Mediated Vasodilatation, Low Paraoxonase-1 Activity, and Abnormal High-Density Lipoprotein Subclass Distribution in Takayasu's Arteritis. <i>Circulation Journal</i> , 2009, 73, 760-766.	1.6	21
29	The Interleukin 6 -572 G>C (rs1800796) Polymorphism Is Associated with the Risk of Developing Acute Coronary Syndrome. <i>Genetic Testing and Molecular Biomarkers</i> , 2010, 14, 759-763.	0.7	21
30	Renal interstitial adenosine is increased in angiotensin II-induced hypertensive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F84-F92.	2.7	20
31	Association of R230C ABCA1 gene variant with low HDL-C levels and abnormal HDL subclass distribution in Mexican school-aged children. <i>Clinica Chimica Acta</i> , 2010, 411, 1214-1217.	1.1	20
32	Distribution of ABCB1, CYP3A5, CYP2C19, and P2RY12 gene polymorphisms in a Mexican Mestizos population. <i>Molecular Biology Reports</i> , 2014, 41, 7023-7029.	2.3	20
33	The TGF-B1 and IL-10 gene polymorphisms are associated with risk of developing silent myocardial ischemia in the diabetic patients. <i>Immunology Letters</i> , 2013, 156, 18-22.	2.5	19
34	Low concentrations of phospholipids and plasma HDL cholesterol subclasses in asymptomatic subjects with high coronary calcium scores. <i>Atherosclerosis</i> , 2015, 238, 250-255.	0.8	19
35	PHACTR1 Gene Polymorphism Is Associated with Increased Risk of Developing Premature Coronary Artery Disease in Mexican Population. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 803.	2.6	18
36	Responses of Endothelial Cells Towards Ischemic Conditioning Following Acute Myocardial Infarction. <i>Conditioning Medicine</i> , 2018, 1, 247-258.	1.3	18

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37	HDL-sphingomyelin reduction after weight loss by an energy-restricted diet is associated with the improvement of lipid profile, blood pressure, and decrease of insulin resistance in overweight/obese patients. <i>Clinica Chimica Acta</i> , 2016, 454, 77-81.	1.1	17
38	Involvement of neutral sphingomyelinase in the angiotensin II signaling pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F1178-F1187.	2.7	16
39	The Role of P2X7 Purinergic Receptors in the Renal Inflammation Associated with Angiotensin II-Induced Hypertension. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4041.	4.1	16
40	Association between PON1 genetic polymorphisms and miscarriage in Mexican women exposed to pesticides. <i>Science of the Total Environment</i> , 2013, 449, 302-308.	8.0	15
41	HDL-Mediated Lipid Influx to Endothelial Cells Contributes to Regulating Intercellular Adhesion Molecule (ICAM)-1 Expression and eNOS Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3394.	4.1	15
42	Microencapsulated Pomegranate Reverts High-Density Lipoprotein (HDL)-Induced Endothelial Dysfunction and Reduces Postprandial Triglyceridemia in Women with Acute Coronary Syndrome. <i>Nutrients</i> , 2019, 11, 1710.	4.1	15
43	The <i>Srsb1+1050T</i> Allele Is Associated with Metabolic Syndrome in Children but Not with Cholesteryl Ester Plasma Concentrations of High-Density Lipoprotein Subclasses. <i>Metabolic Syndrome and Related Disorders</i> , 2012, 10, 110-116.	1.3	14
44	Shift of high-density lipoprotein size distribution toward large particles in patients with proteinuria. <i>Clinica Chimica Acta</i> , 2012, 414, 241-245.	1.1	14
45	The Interleukin-1 Gene Cluster Polymorphisms Are Associated with Takayasu's Arteritis in Mexican Patients. <i>Journal of Interferon and Cytokine Research</i> , 2013, 33, 369-375.	1.2	14
46	Small HDL subclasses become cholesterol-poor during postprandial period after a fat diet intake in subjects with high triglyceridemia increases. <i>Clinica Chimica Acta</i> , 2017, 464, 98-105.	1.1	14
47	Different VLDL apo B, and HDL apo AI and apo AII metabolism in two heterozygous carriers of unrelated mutations in the lipoprotein lipase gene. <i>Clinica Chimica Acta</i> , 2006, 368, 149-154.	1.1	13
48	Interaction of intrarenal adenosine and angiotensin II in kidney vascular resistance. <i>Current Opinion in Nephrology and Hypertension</i> , 2009, 18, 63-67.	2.0	13
49	The <i>rs3087459</i> gene polymorphism in the endothelin gene (EDN1) is associated with risk of developing acute coronary syndrome in Mexican patients. <i>Gene</i> , 2014, 542, 258-262.	2.2	13
50	Purinergic receptors in tubulointerstitial inflammatory cells: a pathophysiological mechanism of salt-sensitive hypertension. <i>Acta Physiologica</i> , 2015, 214, 75-87.	3.8	13
51	Increased HDL Size and Enhanced Apo AII Catabolic Rates Are Associated With Doxorubicin-Induced Proteinuria in New Zealand White Rabbits. <i>Lipids</i> , 2016, 51, 311-320.	1.7	13
52	Cholesterol efflux capacity of large, small and total HDL particles is unaltered by atorvastatin in patients with type 2 diabetes. <i>Atherosclerosis</i> , 2018, 277, 72-79.	0.8	13
53	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2003, 246, 51-56.	3.1	12
54	The ACE I/D polymorphism is associated with nitric oxide metabolite and blood pressure levels in healthy Mexican men. <i>Archivos De Cardiologia De Mexico</i> , 2015, 85, 105-110.	0.2	12

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55	The interleukin-1 β -511 T>C (rs16944) gene polymorphism is associated with risk of developing silent myocardial ischemia in diabetic patients. <i>Immunology Letters</i> , 2015, 168, 7-12.	2.5	12
56	rs3918242 MMP9 gene polymorphism is associated with myocardial infarction in Mexican patients. <i>Genetics and Molecular Research</i> , 2016, 15, 15017776.	0.2	12
57	The NLRP3 and CASP1 gene polymorphisms are associated with developing of acute coronary syndrome: a case-control study. <i>Immunologic Research</i> , 2017, 65, 862-868.	2.9	12
58	Differential expression of osteopontin, and osteoprotegerin mRNA in epicardial adipose tissue between patients with severe coronary artery disease and aortic valvular stenosis: association with HDL subclasses. <i>Lipids in Health and Disease</i> , 2017, 16, 156.	3.0	12
59	<p>Bone Morphogenetic Protein-2 and Osteopontin Gene Expression in Epicardial Adipose Tissue from Patients with Coronary Artery Disease Is Associated with the Presence of Calcified Atherosclerotic Plaques<p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 1943-1951.	2.4	12
60	Early endothelial nitrosylation and increased abdominal adiposity in Wistar rats after long-term consumption of food fried in canola oil. <i>Nutrition</i> , 2014, 30, 1055-1060.	2.4	11
61	The C4280A (rs5705) gene polymorphism of the renin (REN) gene is associated with risk of developing coronary artery disease, but not with restenosis after coronary stenting. <i>Experimental and Molecular Pathology</i> , 2015, 99, 128-132.	2.1	11
62	Levels of High-Density Lipoprotein Cholesterol are Associated With Biomarkers of Inflammation in Patients With Acute Coronary Syndrome. <i>American Journal of Cardiology</i> , 2015, 116, 1651-1657.	1.6	11
63	Characterization of immortalized human dermal microvascular endothelial cells (HMEC-1) for the study of HDL functionality. <i>Lipids in Health and Disease</i> , 2018, 17, 44.	3.0	11
64	Palmitic acid in HDL is associated to low apo A-I fractional catabolic rates in vivo. <i>Clinica Chimica Acta</i> , 2007, 378, 53-58.	1.1	10
65	PON1 gene polymorphisms and plasma PON1 activities in Takayasu's arteritis disease. <i>Immunology Letters</i> , 2013, 152, 77-82.	2.5	10
66	Factors associated with postprandial lipemia and apolipoprotein A-V levels in individuals with familial combined hyperlipidemia. <i>BMC Endocrine Disorders</i> , 2014, 14, 90.	2.2	10
67	The T > A (rs11646213) gene polymorphism of cadherin-13 (CDH13) gene is associated with decreased risk of developing hypertension in Mexican population. <i>Immunobiology</i> , 2017, 222, 973-978.	1.9	10
68	<i>CETP</i> and <i>LCAT</i> Gene Polymorphisms Are Associated with Highâ€Density Lipoprotein Subclasses and Acute Coronary Syndrome. <i>Lipids</i> , 2018, 53, 157-166.	1.7	10
69	Echocardiographic and Histologic Correlations in Patients with Severe Aortic Stenosis: Influence of Overweight and Obesity. <i>Journal of Cardiovascular Imaging</i> , 2016, 24, 303.	0.8	9
70	Î21-adrenergic receptor gene polymorphisms in Mexican patients with idiopathic dilated cardiomyopathy. <i>Experimental and Molecular Pathology</i> , 2006, 80, 279-282.	2.1	8
71	Normal HDLâ€apo AI turnover and cholesterol enrichment of HDL subclasses in New Zealand rabbits with partial nephrectomy. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 492-498.	3.4	8
72	Integration of purinergic and angiotensin II receptor function in renal vascular responses and renal injury in angiotensin II-dependent hypertension. <i>Purinergic Signalling</i> , 2019, 15, 277-285.	2.2	8

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73	Atorvastatin and fenofibrate combination induces the predominance of the large HDL subclasses and increased apo AI fractional catabolic rates in New Zealand white rabbits with exogenous hypercholesterolemia. <i>Fundamental and Clinical Pharmacology</i> , 2015, 29, 362-370.	1.9	7
74	Atorvastatin and Fenofibrate Increase the Content of Unsaturated Acyl Chains in HDL and Modify In Vivo Kinetics of HDL-Cholesteryl Esters in New Zealand White Rabbits. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2521.	4.1	7
75	R230C but not A565C/T variant of the ABCA1 gene is associated with type 2 diabetes in Mexicans through an effect on lowering HDL-cholesterol levels. <i>Journal of Endocrinological Investigation</i> , 2020, 43, 1061-1071.	3.3	7
76	Hyperuricemia is Associated with Increased Apo AI Fractional Catabolic Rates and Dysfunctional HDL in New Zealand Rabbits. <i>Lipids</i> , 2017, 52, 999-1006.	1.7	6
77	The rs1805193, rs5361, and rs5355 single nucleotide polymorphisms in the E-selectin gene (SEL-E) are associated with subclinical atherosclerosis: The Genetics of Atherosclerotic Disease (GEA) Mexican study. <i>Immunobiology</i> , 2019, 224, 10-14.	1.9	6
78	The rs44 C/G (rs1800972) polymorphism of the defensin 1 is associated with increased risk of developing type 2 diabetes mellitus. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e00509.	1.2	6
79	Association between rs662 (A>G) and rs854560 (A>T) polymorphisms in PON1 gene and the susceptibility for psoriasis in mestizo population of Western Mexico. <i>Molecular Biology Reports</i> , 2021, 48, 183-194.	2.3	6
80	The rs508487, rs236911, and rs236918 Genetic Variants of the Proprotein Convertase Subtilisin Kexin Type 7 (PCSK7) Gene Are Associated with Acute Coronary Syndrome and with Plasma Concentrations of HDL-Cholesterol and Triglycerides. <i>Cells</i> , 2021, 10, 1444.	4.1	6
81	Apolipoprotein E polymorphisms in Mexican patients with coronary artery disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 481-5.	2.3	5
82	The structures and inhibitory effects of Buame [N-(3-hydroxy-1,3,5(10)-estratrien-17-yl)-butylamine] and Diebud [N,N-bis-(3-hydroxy-1,3,5(10)-estratrien-17-yl)-1,4-butanediamine] on platelet aggregation. <i>Steroids</i> , 2012, 77, 512-520.	1.8	5
83	SREBF1c and SREBF2 gene polymorphisms are associated with acute coronary syndrome and blood lipid levels in Mexican population. <i>PLoS ONE</i> , 2019, 14, e0222017.	2.5	5
84	Microencapsulated Pomegranate Modifies the Composition and Function of High-Density Lipoproteins (HDL) in New Zealand Rabbits. <i>Molecules</i> , 2020, 25, 3297.	3.8	5
85	Effect of Empagliflozin on Sphingolipid Catabolism in Diabetic and Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2883.	4.1	5
86	HDL as Bidirectional Lipid Vectors: Time for New Paradigms. <i>Biomedicines</i> , 2022, 10, 1180.	3.2	5
87	The variant rs8048002 T>C in intron 3 of the MHC2TA gene is associated with risk of developing acute coronary syndrome. <i>Cytokine</i> , 2015, 71, 268-271.	3.2	4
88	Atorvastatin and Fenofibrate Exert Opposite Effects on the Vascularization and Characteristics of Visceral Adipose Tissue in New Zealand White Rabbits. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2019, 24, 559-566.	2.0	4
89	The Ser290Asn and Thr715Pro Polymorphisms of the SELP Gene Are Associated with A Lower Risk of Developing Acute Coronary Syndrome and Low Soluble P-Selectin Levels in A Mexican Population. <i>Biomolecules</i> , 2020, 10, 270.	4.0	4
90	The MHC2TA 1614 C>G gene polymorphism is associated with risk of developing acute coronary syndrome. <i>Molecular Immunology</i> , 2013, 55, 424-428.	2.2	3

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91	Association of the suppressor of cytokine signaling 1 (SOCS1) gene polymorphisms with acute coronary syndrome in Mexican patients. <i>Molecular Immunology</i> , 2014, 62, 137-141.	2.2	3
92	Toll-like receptor 4 gene polymorphisms and acute coronary syndrome: No association in a Mexican population. <i>Archivos De Cardiología De Mexico</i> , 2013, 83, 257-262.	0.2	3
93	The Branched-chain Amino Acid Transaminase 1 -23C/G Polymorphism Confers Protection Against Acute Coronary Syndrome. <i>Revista De Investigacion Clinica</i> , 2020, 72, 19-24.	0.4	3
94	The c.*52 A/G and c.*773 A/G Genetic Variants in the UTR ^{3'} of the LDLR Gene Are Associated with the Risk of Acute Coronary Syndrome and Lower Plasma HDL-Cholesterol Concentration. <i>Biomolecules</i> , 2020, 10, 1381.	4.0	2
95	Trp Fluorescence Redshift during HDL Apolipoprotein Denaturation Is Increased in Patients with Coronary Syndrome in Acute Phase: A New Assay to Evaluate HDL Stability. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7819.	4.1	2
96	Native Low-Density Lipoproteins Act in Synergy with Lipopolysaccharide to Alter the Balance of Human Monocyte Subsets and Their Ability to Produce IL-1 Beta, CCR2, and CX3CR1 In Vitro and In Vivo: Implications in Atherogenesis. <i>Biomolecules</i> , 2021, 11, 1169.	4.0	2
97	Interaction Between Organophosphate Exposure and Serum PON1 Activity on Hypophysary and Male Sexual Hormones in Mexican Greenhouse Workers. <i>Epidemiology</i> , 2009, 20, S166.	2.7	1
98	The MHC2TA gene polymorphisms are not associated with restenosis after coronary stenting in Mexican patients. <i>Archivos De Cardiología De Mexico</i> , 2012, 82, 208-213.	0.2	1
99	Abnormal structure of hol contributes to low fractional catabolic rate of apo A-I in hypothyroid rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, A93.	1.9	0
100	415 Abnormal Lipid Composition of Hdl Subclasses in Children with Metabolic Syndrome is Independent of Srbi (+1050T/C) and Adiponectin (+45T/G, +246G/T)Polymorphisms.. <i>Pediatric Research</i> , 2010, 68, 213-213.	2.3	0
101	Epicardial adipose tissue mrna expression of genes coding for proteins related with calcium deposit is related to HDL subclasses in patients with coronary artery disease. <i>Atherosclerosis</i> , 2015, 241, e106.	0.8	0
102	HDL deliver cholesterol to cultured cells by a SR-BI-independent mechanism: HMEC-1 as endothelial cell model. <i>Atherosclerosis</i> , 2017, 263, e101.	0.8	0
103	The magnitude of postprandial triglyceridemia conditions the cholesterol-content decrease of HDL subclasses after a fat diet intake. <i>Atherosclerosis</i> , 2017, 263, e215.	0.8	0
104	The Atorvastatin and Fenofibrate Combination Modified the Structure and Transport of Cholesteryl Esters of the HDL in New Zealand White Rabbits. <i>Atherosclerosis Supplements</i> , 2018, 32, 58.	1.2	0
105	Two genetic variants in the promoter region of the CCL5 gene are associated with the risk of acute coronary syndrome and with a lower plasma CCL5 concentration. <i>Immunology Letters</i> , 2020, 228, 86-92.	2.5	0
106	Expression of enzymes of sphingolipid metabolism in the blood vessel. (LB697). <i>FASEB Journal</i> , 2014, 28, LB697.	0.5	0
107	Epicardial Adipose Tissue in the Progression and Calcification of the Coronary Artery Disease. , 2020, , 195-213.		0
108	Osteoprotegerin Gene Polymorphisms Are Associated with Subclinical Atherosclerosis in the Mexican Mestizo Population. <i>Diagnostics</i> , 2022, 12, 1433.	2.6	0