Sergio Martinez Hervas

List of Publications by Year
in descending order

78 papers	1,305 citations	304743 22 h-index	454955 30 g-index
91 all docs	91 docs citations	91 times ranked	2195 citing authors

#	Article	IF	Citations
1	Impact of Cholesterol Metabolism in Immune Cell Function and Atherosclerosis. Nutrients, 2020, 12, 2021.	4.1	80
2	The GLP-1 analogue lixisenatide decreases atherosclerosis in insulin-resistant mice by modulating macrophage phenotype. Diabetologia, 2017, 60, 1801-1812.	6.3	75
3	Anthropometric Indicators as a Tool for Diagnosis of Obesity and Other Health Risk Factors: A Literature Review. Frontiers in Psychology, 2021, 12, 631179.	2.1	58
4	The Efficiency of Telemedicine to Optimize Metabolic Control in Patients with Type 1 Diabetes Mellitus: Telemed Study. Diabetes Technology and Therapeutics, 2014, 16, 435-441.	4.4	52
5	Insulin resistance aggravates atherosclerosis by reducing vascular smooth muscle cell survival and increasing CX3CL1/CX3CR1 axis. Cardiovascular Research, 2014, 103, 324-336.	3.8	51
6	Circulating mononuclear cells nuclear factor–kappa B activity, plasma xanthine oxidase, and low grade inflammatory markers in adult patients with familial hypercholesterolaemia. European Journal of Clinical Investigation, 2010, 40, 89-94.	3.4	36
7	Insulin resistance and oxidative stress in familial combined hyperlipidemia. Atherosclerosis, 2008, 199, 384-389.	0.8	35
8	Urinary- and Plasma-Derived Exosomes Reveal a Distinct MicroRNA Signature Associated With Albuminuria in Hypertension. Hypertension, 2021, 77, 960-971.	2.7	32
9	Increased plasma xanthine oxidase activity is related to nuclear factor kappa beta activation and inflammatory markers in familial combined hyperlipidemia. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 20, 734-739.	2.6	29
10	Systemic Inflammation in Metabolic Syndrome: Increased Platelet and Leukocyte Activation, and Key Role of CX3CL1/CX3CR1 and CCL2/CCR2 Axes in Arterial Platelet-Proinflammatory Monocyte Adhesion. Journal of Clinical Medicine, 2019, 8, 708.	2.4	28
11	Functional role of endothelial CXCL16/CXCR6-platelet–leucocyte axis in angiotensin II-associated metabolic disorders. Cardiovascular Research, 2018, 114, 1764-1775.	3.8	27
12	Evaluation of clinical diagnosis criteria of familial ligand defective apoB 100 and lipoprotein phenotype comparison between LDL receptor gene mutations affecting ligand-binding domain and the R3500Q mutation of the apoB gene in patients from a South European population. Translational Research, 2008, 151, 162-167.	5.0	26
13	Association of C677T Polymorphism in MTHFR Gene, High Homocysteine and Low HDL Cholesterol Plasma Values in Heterozygous Familial Hypercholesterolemia. Journal of Atherosclerosis and Thrombosis, 2009, 16, 815-820.	2.0	26
14	Plasma homocysteine levels are associated with ulceration of the foot in patients with type 2 diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2010, 26, 115-120.	4.0	26
15	Reduced penetrance of autosomal dominant hypercholesterolemia in a high percentage of families: Importance of genetic testing in the entire family. Atherosclerosis, 2011, 218, 423-430.	0.8	26
16	A New PCSK9 Gene Promoter Variant Affects Gene Expression and Causes Autosomal Dominant Hypercholesterolemia. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3577-3583.	3.6	25
17	Hepatic lipase deficiency produces glucose intolerance, inflammation and hepatic steatosis. Journal of Endocrinology, 2015, 227, 179-191.	2.6	25
18	Lipoprotein hydrophobic core lipids are partially extruded to surface in smaller HDL: "Herniated" HDL, a common feature in diabetes. Scientific Reports, 2016, 6, 19249.	3.3	25

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19	Different Impacts of Cardiovascular Risk Factors on Oxidative Stress. International Journal of Molecular Sciences, 2011, 12, 6146-6163.	4.1	24
20	Polymorphisms of the UCP2 gene are associated with body fat distribution and risk of abdominal obesity in Spanish population. European Journal of Clinical Investigation, 2012, 42, 171-178.	3.4	24
21	Association of selected ABC gene family single nucleotide polymorphisms with postprandial lipoproteins: Results from the population-based Hortega study. Atherosclerosis, 2010, 211, 203-209.	0.8	23
22	Misclassification of subjects with insulin resistance and associated cardiovascular risk factors by homeostasis model assessment index. Utility of a postprandial method based on oral glucose tolerance test. Metabolism: Clinical and Experimental, 2011, 60, 740-746.	3.4	23
23	Remarkable quantitative and qualitative differences in HDL after niacin or fenofibrate therapy in type 2 diabetic patients. Atherosclerosis, 2015, 238, 213-219.	0.8	23
24	Increased oxidative stress levels and normal antioxidant enzyme activity in circulating mononuclear cells from patients of familial hypercholesterolemia. Metabolism: Clinical and Experimental, 2010, 59, 293-298.	3.4	22
25	Novel Immune Features of the Systemic Inflammation Associated with Primary Hypercholesterolemia: Changes in Cytokine/Chemokine Profile, Increased Platelet and Leukocyte Activation. Journal of Clinical Medicine, 2019, 8, 18.	2.4	21
26	Efecto metabólico del ejercicio fÃsico regular en la poblaciÃ³n sana. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2013, 60, 167-172.	0.8	18
27	Altered glutathione system is associated with the presence of distal symmetric peripheral polyneuropathy in type 2 diabetic subjects. Journal of Diabetes and Its Complications, 2015, 29, 923-927.	2.3	18
28	Changes in CDKN2A/2B expression associate with T-cell phenotype modulation in atherosclerosis and type 2 diabetes mellitus. Translational Research, 2019, 203, 31-48.	5.0	18
29	Plasma homocysteine levels are independently associated with the severity of peripheral polyneuropathy in type 2 diabetic subjects. Journal of the Peripheral Nervous System, 2012, 17, 191-196.	3.1	17
30	Dietary polyunsaturated fatty acids may increase plasma LDL-cholesterol and plasma cholesterol concentrations in carriers of an ABCG1 gene single nucleotide polymorphism: Study in two Spanish populations. Atherosclerosis, 2011, 219, 900-906.	0.8	16
31	Oxidative stress and antioxidant enzyme values in lymphomonocytes after an oral unsaturated fat load test in familial hypercholesterolemic subjects. Translational Research, 2013, 161, 50-56.	5.0	16
32	Analysis of Sequence Variations in the LDL Receptor Gene in Spain: General Gene Screening or Search for Specific Alterations?. Clinical Chemistry, 2006, 52, 1021-1025.	3.2	15
33	Prevalence of plasma lipid abnormalities and its association with glucose metabolism in Spain: The di@bet.es study. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2014, 26, 107-114.	0.8	15
34	PAI-1 Levels are Related to Insulin Resistance and Carotid Atherosclerosis in Subjects with Familial Combined Hyperlipidemia. Journal of Investigative Medicine, 2018, 66, 17-21.	1.6	15
35	Therapies for the Treatment of Cardiovascular Disease Associated with Type 2 Diabetes and Dyslipidemia. International Journal of Molecular Sciences, 2021, 22, 660.	4.1	15
36	Erythrocyteâ€associated apolipoprotein B and its relationship with clinical and subclinical atherosclerosis. European Journal of Clinical Investigation, 2012, 42, 365-370.	3.4	14

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37	Beneficial effects of PCSK9 inhibition with alirocumab in familial hypercholesterolemia involve modulation of new immune players. Biomedicine and Pharmacotherapy, 2022, 145, 112460.	5.6	14
38	Hepatic lipase inactivation decreases atherosclerosis in insulin resistance by reducing LIGHT/Lymphotoxin β-Receptor pathway. Thrombosis and Haemostasis, 2016, 116, 379-393.	3.4	13
39	Type 1 diabetic mellitus patients with increased atherosclerosis risk display decreased CDKN2A/2B/2BAS gene expression in leukocytes. Journal of Translational Medicine, 2019, 17, 222.	4.4	12
40	Association of chemokines IP-10/CXCL10 and I-TAC/CXCL11 with insulin resistance and enhance leukocyte endothelial arrest in obesity. Microvascular Research, 2022, 139, 104254.	2.5	11
41	Estándares SEA 2022 para el control global del riesgo cardiovascular. Clínica E Investigación En Arteriosclerosis, 2022, 34, 130-179.	0.8	11
42	Semiquantitative multiplex PCR: a useful tool for large rearrangement screening and characterization. Human Mutation, 2006, 27, 822-828.	2.5	10
43	Polymorphisms in Endothelin System Genes, Arsenic Levels and Obesity Risk. PLoS ONE, 2015, 10, e0118471.	2.5	10
44	Classical cardiovascular risk factors according to fasting plasma glucose levels. European Journal of Internal Medicine, 2008, 19, 209-213.	2.2	9
45	Establishing cut-off values for apolipoprotein B and non-HDL-C according to LDL-C values in a South European population. International Journal of Clinical Practice, 2013, 67, 81-88.	1.7	9
46	Urinary podocyte-associated molecules and albuminuria in hypertension. Journal of Hypertension, 2018, 36, 1712-1718.	0.5	9
47	Anti-inflammatory Therapies for Cardiovascular Disease: Signaling Pathways and Mechanisms. Revista Espanola De Cardiologia (English Ed), 2019, 72, 767-773.	0.6	9
48	Decreased Urinary Levels of SIRT1 as Non-Invasive Biomarker of Early Renal Damage in Hypertension. International Journal of Molecular Sciences, 2020, 21, 6390.	4.1	9
49	Easy One-Step Amplification and Labeling Procedure for Copy Number Variation Detection. Clinical Chemistry, 2020, 66, 463-473.	3.2	8
50	Postprandial Changes in Chemokines Related to Early Atherosclerotic Processes in Familial Hypercholesterolemic Subjects: A Preliminary Study. Archives of Medical Research, 2016, 47, 33-39.	3.3	7
51	Are *IL18RAP* gene polymorphisms associated with body mass regulation? A cross-sectional study. BMJ Open, 2017, 7, e017875.	1.9	7
52	Hypercholesterolemia. , 2019, , 320-326.		7
53	Frailty Is Associated with Oxidative Stress in Older Patients with Type 2 Diabetes. Nutrients, 2021, 13, 3983.	4.1	7
54	Diferencias en las características clínico-biológicas y prevalencia de complicaciones crónicas en relación con el envejecimiento de pacientes con diabetes tipo 2. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2016, 63, 79-86.	0.8	6

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55	Altered Semmes–Weinstein monofilament test results are associated with oxidative stress markers in type 2 diabetic subjects. Journal of Translational Medicine, 2017, 15, 187.	4.4	6
56	Peripheral blood levels of CXCL10 are a useful marker for diabetic polyneuropathy in subjects with type 2 diabetes. International Journal of Clinical Practice, 2021, 75, e14302.	1.7	6
57	Hypercholesterolemic patients have higher eryptosis and erythrocyte adhesion to human endothelium independently of statin therapy. International Journal of Clinical Practice, 2021, 75, e14771.	1.7	6
58	Unsaturated Oral Fat Load Test Improves Glycemia, Insulinemia and Oxidative Stress Status in Nondiabetic Subjects with Abdominal Obesity. PLoS ONE, 2016, 11, e0161400.	2.5	6
59	Enhanced reduction in oxidative stress and altered glutathione and thioredoxin system response to unsaturated fatty acid load in familial hypercholesterolemia. Clinical Biochemistry, 2014, 47, 291-297.	1.9	5
60	Significance of LDL-C lowering therapy in diabetic patients. Clinical Lipidology, 2011, 6, 389-399.	0.4	4
61	Increased thioredoxin levels are related to insulin resistance in familial combined hyperlipidaemia. European Journal of Clinical Investigation, 2016, 46, 636-642.	3.4	4
62	Gene expression profile following an oral unsaturated fat load in abdominal obese subjects. European Journal of Nutrition, 2019, 58, 1331-1337.	3.9	4
63	Dapagliflozin Does Not Modulate Atherosclerosis in Mice with Insulin Resistance. International Journal of Molecular Sciences, 2020, 21, 9216.	4.1	4
64	Dissecting Abdominal Aortic Aneurysm Is Aggravated by Genetic Inactivation of LIGHT (TNFSF14). Biomedicines, 2021, 9, 1518.	3.2	4
65	Postprandial triglyceridaemia is modulated by insulin resistance but not by grade of obesity in abdominal and morbid obese subjects. International Journal of Clinical Practice, 2021, 75, e13776.	1.7	3
66	Effect of personality on blood glucose control in patients with type 1 diabetes. Endocrinologia, Diabetes Y Nutrición, 2022, 69, 677-685.	0.3	3
67	Grosor Íntima-media carotídeo y frecuencia de placas de ateroma en población española sin factores de riesgo cardiovascular. Clínica E Investigación En Arteriosclerosis, 2012, 24, 181-187.	0.8	2
68	Developing a simple and practical decision model to predict the risk of incident type 2 diabetes among the general population: The Di@bet.es Study. European Journal of Internal Medicine, 2022, 102, 80-87.	2.2	2
69	A Very Rare Variant in SREBF2, a Possible Cause of Hypercholesterolemia and Increased Glycemic Levels. Biomedicines, 2022, 10, 1178.	3.2	2
70	Hiperglucemia secundaria a consumo de cocaína y antipsicóticos atípicos. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2008, 55, 372-375.	0.8	1
71	Srebf2 Locus Overexpression Reduces Body Weight, Total Cholesterol and Glucose Levels in Mice Fed with Two Different Diets. Nutrients, 2020, 12, 3130.	4.1	1
72	Oral Unsaturated Fat Load Impairs Postprandial Systemic Inflammation in Primary Hypercholesterolemia Patients. Frontiers in Pharmacology, 2021, 12, 656244.	3.5	1

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73	Gender differences on oxidative stress markers and complement component C3 plasma values after an oral unsaturated fat load test. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2020, 32, 87-93.	0.8	1
74	Perfil diurno de triglicÃ©ridos en sujetos con hiperlipidemia familiar combinada de una poblaciÃ³n del sur de Europa. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2005, 17, 10-15.	0.8	0
75	Familial Combined Hyperlipidemia, Metabolic Syndrome and Cardiovascular Disease. Revista Espanola De Cardiologia (English Ed), 2006, 59, 1195-1198.	0.6	0
76	Hipotrigliceridemias/hipolipidemias. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2021, 33, 63-68.	0.8	0
77	Estudio de receptor anÃ³malo suprarrenal en sujetos con sÃndrome de Cushing ACTH-independiente e hiperplasia nodular suprarrenal. Endocrinologia, Diabetes Y NutriciÃ"n, 2020, 67, 245-252.	0.3	0
78	Vascular smooth muscle cell phenotype is modulated by ligands of the lymphotoxin β receptor and the tumor necrosis factor receptor. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2022, , .	0.8	0