Maria Sabater-Lleal

List of Publications by Year
in descending order

67	5,016	159585	123424
papers	citations	30 h-index	61 g-index

75	75	75	10910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669.	21.4	762
2	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. Lancet, The, 2012, 379, 1205-1213.	13.7	668
3	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
4	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	6.2	326
5	Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. Circulation, 2010, 121, 1382-1392.	1.6	311
6	Large-Scale Gene-Centric Analysis Identifies Novel Variants for Coronary Artery Disease. PLoS Genetics, 2011, 7, e1002260.	3.5	203
7	Mapping of 79 loci for 83 plasma protein biomarkers in cardiovascular disease. PLoS Genetics, 2017, 13, e1006706.	3.5	194
8	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	12.8	173
9	Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous thromboembolism. Blood, 2019, 134, 1645-1657.	1.4	162
10	Apolipoprotein(a) Genetic Sequence Variants Associated With Systemic Atherosclerosis and Coronary Atherosclerotic Burden But Not With Venous Thromboembolism. Journal of the American College of Cardiology, 2012, 60, 722-729.	2.8	149
11	Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. Circulation, 2013, 128, 1310-1324.	1.6	128
12	Genome-wide association analysis of self-reported events in 6135 individuals and 252 827 controls identifies 8 loci associated with thrombosis. Human Molecular Genetics, 2016, 25, 1867-1874.	2.9	103
13	Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. Circulation, 2019, 139, 620-635.	1.6	102
14	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. Blood, 2012, 120, 4873-4881.	1.4	90
15	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. Journal of the American Heart Association, 2017, 6, .	3.7	89
16	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
17	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. Human Molecular Genetics, 2016, 25, 358-370.	2.9	73
18	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. Nature Genetics, 2016, 48, 1303-1312.	21.4	66

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19	Phenotypic Modulation of Smooth Muscle Cells in Atherosclerosis Is Associated With Downregulation of LMOD1, SYNPO2, PDLIM7, PLN , and SYNM. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1947-1961.	2.4	64
20	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. Blood, 2015, 126, e19-e29.	1.4	55
21	Organ-on-a-chip technology: a novel approach to investigate cardiovascular diseases. Cardiovascular Research, 2021, 117, 2742-2754.	3.8	53
22	Predicting venous thrombosis in women using a combination of genetic markers and clinical risk factors. Journal of Thrombosis and Haemostasis, 2015, 13, 219-227.	3.8	50
23	Identification of the BCAR1-CFDP1-TMEM170A Locus as a Determinant of Carotid Intima-Media Thickness and Coronary Artery Disease Risk. Circulation: Cardiovascular Genetics, 2012, 5, 656-665.	5.1	47
24	Genetically Determined FXI (Factor XI) Levels and Risk of Stroke. Stroke, 2018, 49, 2761-2763.	2.0	45
25	Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-Up Implicates Endothelial STXBP5 and STX2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1093-1101.	2.4	43
26	The choline transporter Slc44a2 controls platelet activation and thrombosis by regulating mitochondrial function. Nature Communications, 2020, 11, 3479.	12.8	43
27	PCSK6 Is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Remodeling. Circulation Research, 2020, 126, 571-585.	4.5	38
28	Common Genetic Determinants of Lung Function, Subclinical Atherosclerosis and Risk of Coronary Artery Disease. PLoS ONE, 2014, 9, e104082.	2.5	36
29	Genome-wide association study with additional genetic and post-transcriptional analyses reveals novel regulators of plasma factor XI levels. Human Molecular Genetics, 2017, 26, ddw401.	2.9	35
30	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. Blood, 2019, 133, 967-977.	1.4	34
31	A Genome-Wide Association Study Identifies KNG1 as a Genetic Determinant of Plasma Factor XI Level and Activated Partial Thromboplastin Time. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2008-2016.	2.4	33
32	Sexâ€Specific Effects of Adiponectin on Carotid Intimaâ€Media Thickness and Incident Cardiovascular Disease. Journal of the American Heart Association, 2015, 4, e001853.	3.7	33
33	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. Human Molecular Genetics, 2021, 30, 393-409.	2.9	32
34	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. PLoS ONE, 2017, 12, e0167742.	2.5	29
35	Sequence variation and genetic evolution at the human F12 locus: mapping quantitative trait nucleotides that influence FXII plasma levels. Human Molecular Genetics, 2010, 19, 517-525.	2.9	28
36	The F7 Gene and Clotting Factor VII Levels: Dissection of a Human Quantitative Trait Locus. Human Biology, 2005, 77, 561-575.	0.2	27

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37	Functional analysis of the genetic variability in the F7 gene promoter. Atherosclerosis, 2007, 195, 262-268.	0.8	24
38	Analysis with the exome array identifies multiple new independent variants in lipid loci. Human Molecular Genetics, 2016, 25, 4094-4106.	2.9	19
39	Association between ABO haplotypes and the risk of venous thrombosis: impact on disease risk estimation. Blood, 2021, 137, 2394-2402.	1.4	19
40	Influence of coronary artery disease-associated genetic variants on risk of venous thromboembolism. Thrombosis Research, 2014, 134, 426-432.	1.7	18
41	Mendelian Randomization Analysis of Hemostatic Factors and Their Contribution to Peripheral Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 41, 380-386.	2.4	14
42	Effects of Thyroid Function on Hemostasis, Coagulation, and Fibrinolysis: A Mendelian Randomization Study. Thyroid, 2021, 31, 1305-1315.	4.5	13
43	Human F7 sequence is split into three deep clades that are related to FVII plasma levels. Human Genetics, 2006, 118, 741-751.	3.8	12
44	Influence of ABO Locus on PFA-100 Collagen-ADP Closure Time Is Not Totally Dependent on the Von Willebrand Factor. Results of a GWAS on GAIT-2 Project Phenotypes. International Journal of Molecular Sciences, 2019, 20, 3221.	4.1	12
45	Multiâ€phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. Journal of Thrombosis and Haemostasis, 2022, 20, 1331-1349.	3.8	12
46	Genetic determinants of plasma Î²2 -glycoproteinÂI levels: a genome-wide association study in extended pedigrees from Spain. Journal of Thrombosis and Haemostasis, 2013, 11, 521-528.	3.8	11
47	Combined cis-regulator elements as important mechanism affecting FXII plasma levels. Thrombosis Research, 2010, 125, e55-e60.	1.7	10
48	A genome-wide exploration suggests an oligogenic model of inheritance for the TAFI activity and its antigen levels. Human Genetics, 2008, 124, 81-88.	3.8	9
49	No Evidence for Genome-Wide Interactions on Plasma Fibrinogen by Smoking, Alcohol Consumption and Body Mass Index: Results from Meta-Analyses of 80,607 Subjects. PLoS ONE, 2014, 9, e111156.	2.5	8
50	Human Genetic Evidence for Involvement of CD137 in Atherosclerosis. Molecular Medicine, 2014, 20, 456-465.	4.4	8
51	Genetic Variants from Lipid-Related Pathways and Risk for Incident Myocardial Infarction. PLoS ONE, 2013, 8, e60454.	2.5	8
52	Complexity of the genetic contribution to factor VII deficiency in two Spanish families: clinical and biological implications. Haematologica, 2003, 88, 906-13.	3.5	7
53	Association Between Hemostatic Profile and Migraine. Neurology, 2021, 96, e2481-e2487.	1.1	6
54	Integrated GWAS and Gene Expression Suggest ORM1 as a Potential Regulator of Plasma Levels of Cell-Free DNA and Thrombosis Risk. Thrombosis and Haemostasis, 2022, 122, 1027-1039.	3.4	6

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55	Genetic architecture of the F7 gene in a Spanish population: implication for mapping complex diseases and for functional assays. Clinical Genetics, 2006, 69, 420-428.	2.0	5
56	Elucidating mechanisms of genetic cross-disease associations at the PROCR vascular disease locus. Nature Communications, 2022, 13, 1222.	12.8	5
57	SNP sets selection under mutual information criterion, application to F7/FVII dataset. , 2008, 2008, 3783-6.		3
58	The TAGA Study: A Study of Factors Determining Aortic Diameter in Families at High Risk of Abdominal Aortic Aneurysm Reveal Two New Candidate Genes. Journal of Clinical Medicine, 2020, 9, 1242.	2.4	3
59	Clustering of individuals given SNPs similarity based on normalized mutual information: F7 SNPs in the GAIT sample. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 123-6.	0.5	2
60	Lack of association of non-synonymous FUT2 and ALPL polymorphisms with venous thrombosis. Journal of Thrombosis and Haemostasis, 2012, 10, 1693-1695.	3.8	2
61	Expression of microRNAs in human platelet-poor plasma: analysis of the factors affecting their expression and association with proximal genetic variants. Epigenetics, 2020, 15, 1396-1406.	2.7	1
62	FGL1 as a modulator of plasma Dâ€dimer levels: Exomeâ€wide marker analysis of plasma tPA, PAIâ€1, and Dâ€dimer. Journal of Thrombosis and Haemostasis, 2021, 19, 2019-2028.	3.8	1
63	Floating Feature Selection for multiloci association of quantitative traits in sib-pairs analysis. , 2008, , .		0
64	Abstract 173: Proprotein Convertase Subtilisin/Kexin Type 6 is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	0
65	Abstract 467: PCSK6 Is Upregulated in Vascular Diseases Characterized by Inflammation and Smooth Muscle Cell Proliferation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0
66	Abstract 367: Pcsk6 Is a Key Protease Modulating Smooth Muscle Cell Activation in Vascular Remodeling and Plaque Vulnerability. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0
67	Abstract 150: Identification of SYNPO2, SYNM, LMOD1, PDLIM7 and PLN as Novel Markers of Smooth Muscle Cells in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0