

# Josune Orbe

## List of Publications by Citations

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93  
papers

2,454  
citations

31  
h-index

46  
g-index

109  
ext. papers

2,855  
ext. citations

5.5  
avg, IF

4.37  
L-index

#	Paper	IF	Citations
93	C-reactive protein induces matrix metalloproteinase-1 and -10 in human endothelial cells: implications for clinical and subclinical atherosclerosis. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 1369-78	15.1	147
92	The CD163-expressing macrophages recognize and internalize TWEAK: potential consequences in atherosclerosis. <i>Atherosclerosis</i> , <b>2009</b> , 207, 103-10	3.1	108
91	Identification of soluble tumor necrosis factor-like weak inducer of apoptosis (sTWEAK) as a possible biomarker of subclinical atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 916-22	9.4	107
90	Matrix metalloproteinase-9, -10, and tissue inhibitor of matrix metalloproteinases-1 blood levels as biomarkers of severity and mortality in sepsis. <i>Critical Care</i> , <b>2009</b> , 13, R158	10.8	86
89	Different expression of MMPs/TIMP-1 in human atherosclerotic lesions. Relation to plaque features and vascular bed. <i>Atherosclerosis</i> , <b>2003</b> , 170, 269-76	3.1	85
88	Involvement of leptin in the association between percentage of body fat and cardiovascular risk factors. <i>Clinical Biochemistry</i> , <b>2002</b> , 35, 315-20	3.5	79
87	Preliminary characterisation of the promoter of the human p22(phox) gene: identification of a new polymorphism associated with hypertension. <i>FEBS Letters</i> , <b>2003</b> , 542, 27-31	3.8	73
86	Phagocytic NADPH oxidase-dependent superoxide production stimulates matrix metalloproteinase-9: implications for human atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 587-93	9.4	71
85	Metalloproteinases and atherothrombosis: MMP-10 mediates vascular remodeling promoted by inflammatory stimuli. <i>Frontiers in Bioscience - Landmark</i> , <b>2008</b> , 13, 2916-21	2.8	70
84	Independent association of matrix metalloproteinase-10, cardiovascular risk factors and subclinical atherosclerosis. <i>Journal of Thrombosis and Haemostasis</i> , <b>2007</b> , 5, 91-7	15.4	51
83	Trimethylamine-N-Oxide (TMAO) Predicts Cardiovascular Mortality in Peripheral Artery Disease. <i>Scientific Reports</i> , <b>2019</b> , 9, 15580	4.9	49
82	Protective effect of the G-765C COX-2 polymorphism on subclinical atherosclerosis and inflammatory markers in asymptomatic subjects with cardiovascular risk factors. <i>Clinica Chimica Acta</i> , <b>2006</b> , 368, 138-43	6.2	48
81	Antioxidant vitamins increase the collagen content and reduce MMP-1 in a porcine model of atherosclerosis: implications for plaque stabilization. <i>Atherosclerosis</i> , <b>2003</b> , 167, 45-53	3.1	48
80	A comparison between percutaneous and surgical transplantation of autologous skeletal myoblasts in a swine model of chronic myocardial infarction. <i>Cardiovascular Research</i> , <b>2006</b> , 71, 744-53	9.9	47
79	Synergistic effect of thrombin and CD40 ligand on endothelial matrix metalloproteinase-10 expression and microparticle generation in vitro and in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 1477-87	9.4	46
78	Tissue factor expressed by microparticles is associated with mortality but not with thrombosis in cancer patients. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 110, 598-608	7	45
77	Matrix metalloproteinase-10 effectively reduces infarct size in experimental stroke by enhancing fibrinolysis via a thrombin-activatable fibrinolysis inhibitor-mediated mechanism. <i>Circulation</i> , <b>2011</b> , 124, 2909-19	16.7	45

76	Increased thrombin generation after acute versus chronic coronary disease as assessed by the thrombin generation test. <i>Thrombosis and Haemostasis</i> , <b>2008</b> , 99, 382-7	7	45
75	Matrix metalloproteinase 10 contributes to hepatocarcinogenesis in a novel crosstalk with the stromal derived factor 1/C-X-C chemokine receptor 4 axis. <i>Hepatology</i> , <b>2015</b> , 62, 166-78	11.2	44
74	Association of sepsis-related mortality with early increase of TIMP-1/MMP-9 ratio. <i>PLoS ONE</i> , <b>2014</b> , 9, e94318	3.7	43
73	Association between serum soluble CD40 ligand levels and mortality in patients with severe sepsis. <i>Critical Care</i> , <b>2011</b> , 15, R97	10.8	43
72	Prothrombin fragment 1+2 is associated with carotid intima-media thickness in subjects free of clinical cardiovascular disease. <i>Stroke</i> , <b>2004</b> , 35, 1085-9	6.7	43
71	proMetalloproteinase-10 is associated with brain damage and clinical outcome in acute ischemic stroke. <i>Journal of Thrombosis and Haemostasis</i> , <b>2013</b> , 11, 1464-73	15.4	38
70	Adipose stromal vascular fraction improves cardiac function in chronic myocardial infarction through differentiation and paracrine activity. <i>Cell Transplantation</i> , <b>2012</b> , 21, 1023-37	4	38
69	Matrix metalloproteinase-10 expression is induced during hepatic injury and plays a fundamental role in liver tissue repair. <i>Liver International</i> , <b>2014</b> , 34, e257-70	7.9	37
68	Matrix metalloproteinase-10 is upregulated by thrombin in endothelial cells and increased in patients with enhanced thrombin generation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 2109-16	9.4	36
67	Matrix Metalloproteinases in Diabetic Kidney Disease. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	35
66	CCL20 is increased in hypercholesterolemic subjects and is upregulated by LDL in vascular smooth muscle cells: role of NF- $\kappa$ B. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 2733-41	9.4	34
65	Monocyte cyclooxygenase-2 overactivity: a new marker of subclinical atherosclerosis in asymptomatic subjects with cardiovascular risk factors?. <i>European Heart Journal</i> , <b>2005</b> , 26, 153-8	9.5	34
64	Matrix metalloproteinase 10 is associated with disease severity and mortality in patients with peripheral arterial disease. <i>Journal of Vascular Surgery</i> , <b>2015</b> , 61, 428-35	3.5	31
63	Serum levels of matrix metalloproteinase-10 are associated with the severity of atherosclerosis in patients with chronic kidney disease. <i>Kidney International</i> , <b>2010</b> , 78, 1275-80	9.9	31
62	The A1166C polymorphism of the AT1 receptor gene is associated with collagen type I synthesis and myocardial stiffness in hypertensives. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 2085-2092	1.9	31
61	Independent association of von Willebrand factor with surrogate markers of atherosclerosis in middle-aged asymptomatic subjects. <i>Journal of Thrombosis and Haemostasis</i> , <b>2005</b> , 3, 662-4	15.4	31
60	Effect of the administration of recombinant hirudin and/or tissue-plasminogen activator (t-PA) on endotoxin-induced disseminated intravascular coagulation model in rabbits. <i>British Journal of Haematology</i> , <b>1999</b> , 105, 117-121	4.5	30
59	Association between serum tissue inhibitor of matrix metalloproteinase-1 levels and mortality in patients with severe brain trauma injury. <i>PLoS ONE</i> , <b>2014</b> , 9, e94370	3.7	27

58	Efficacy of Alteplase in a Mouse Model of Acute Ischemic Stroke: A Retrospective Pooled Analysis. <i>Stroke</i> , <b>2016</b> , 47, 1312-1318	6.7	25
57	Validation of plasma fibrinogen as a marker of carotid atherosclerosis in subjects free of clinical cardiovascular disease. <i>Haematologica</i> , <b>2004</b> , 89, 1226-31	6.6	25
56	The CXCR4/SDF1 axis improves muscle regeneration through MMP-10 activity. <i>Stem Cells and Development</i> , <b>2014</b> , 23, 1417-27	4.4	24
55	Regulation by Nitric Oxide of Endotoxin-Induced Tissue Factor and Plasminogen Activator Inhibitor-1 in Endothelial Cells. <i>Thrombosis and Haemostasis</i> , <b>2002</b> , 88, 1060-1065	7	24
54	Independent association of fibrinogen with carotid intima-media thickness in asymptomatic subjects. <i>Cerebrovascular Diseases</i> , <b>2003</b> , 16, 356-62	3.2	24
53	MMP-10 is required for efficient muscle regeneration in mouse models of injury and muscular dystrophy. <i>Stem Cells</i> , <b>2014</b> , 32, 447-61	5.8	23
52	Tissue-specific PAI-1 gene expression and glycosylation pattern in insulin-resistant old rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 297, R1563-9	3.2	23
51	The 372 T/C genetic polymorphism of TIMP-1 is associated with serum levels of TIMP-1 and survival in patients with severe sepsis. <i>Critical Care</i> , <b>2013</b> , 17, R94	10.8	22
50	Matrix metalloproteinase-10 deficiency delays atherosclerosis progression and plaque calcification. <i>Atherosclerosis</i> , <b>2018</b> , 278, 124-134	3.1	20
49	Functional and transcriptomic analysis of extracellular vesicles identifies calprotectin as a new prognostic marker in peripheral arterial disease (PAD). <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1729646 <sup>16.4</sup>	16.4	17
48	Activated protein C Eglycoform promotes enhanced noncanonical PAR1 proteolysis and superior resistance to ischemic injury. <i>Blood</i> , <b>2015</b> , 126, 915-9	2.2	17
47	Design, synthesis, and biological evaluation of novel matrix metalloproteinase inhibitors as potent antihemorrhagic agents: from hit identification to an optimized lead. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 2465-88	8.3	17
46	A Role for MMP-10 (Matrix Metalloproteinase-10) in Calcific Aortic Valve Stenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 1370-1382	9.4	15
45	Combined sustained release of BMP2 and MMP10 accelerates bone formation and mineralization of calvaria critical size defect in mice. <i>Drug Delivery</i> , <b>2018</b> , 25, 750-756	7	15
44	Influence of the 4G/5G PAI-1 genotype on angiotensin II-stimulated human endothelial cells and in patients with hypertension. <i>Cardiovascular Research</i> , <b>2004</b> , 63, 176-85	9.9	15
43	Recent progress in translational research on neurovascular and neurodegenerative disorders. <i>Restorative Neurology and Neuroscience</i> , <b>2017</b> , 35, 87-103	2.8	14
42	CM352 Reduces Brain Damage and Improves Functional Recovery in a Rat Model of Intracerebral Hemorrhage. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	14
41	Functional MMP-10 is required for efficient tissue repair after experimental hind limb ischemia. <i>FASEB Journal</i> , <b>2015</b> , 29, 960-72	0.9	14

40	The 4G/5G PAI-1 polymorphism influences the endothelial response to IL-1 and the modulatory effect of pravastatin. <i>Journal of Thrombosis and Haemostasis</i> , <b>2006</b> , 4, 1798-803	15.4	13
39	Lack of TAFI increases brain damage and microparticle generation after thrombolytic therapy in ischemic stroke. <i>Thrombosis Research</i> , <b>2015</b> , 136, 445-50	8.2	12
38	Vitamins C and E attenuate plasminogen activator inhibitor-1 (PAI-1) expression in a hypercholesterolemic porcine model of angioplasty. <i>Cardiovascular Research</i> , <b>2001</b> , 49, 484-92	9.9	12
37	MMP10 Promotes Efficient Thrombolysis After Ischemic Stroke in Mice with Induced Diabetes. <i>Translational Stroke Research</i> , <b>2019</b> , 10, 389-401	7.8	11
36	Reduced high-density lipoprotein cholesterol: A valuable, independent prognostic marker in peripheral arterial disease. <i>Journal of Vascular Surgery</i> , <b>2017</b> , 66, 1527-1533.e1	3.5	11
35	New thrombolytic strategy providing neuroprotection in experimental ischemic stroke: MMP10 alone or in combination with tissue-type plasminogen activator. <i>Cardiovascular Research</i> , <b>2017</b> , 113, 1219-1229 <sup>10</sup>	9.9	10
34	Serum tissue inhibitor of matrix metalloproteinase-1 levels are associated with mortality in patients with malignant middle cerebral artery infarction. <i>BMC Neurology</i> , <b>2015</b> , 15, 111	3.1	10
33	Discovery and safety profiling of a potent preclinical candidate, (4-[4-[(3R)-3-(hydroxycarbamoyl)-8-azaspiro[4.5]decan-3-yl]sulfonyl]phenoxy]-N-methylbenzamide) (CM-352), for the prevention and treatment of hemorrhage. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 2941-57	8.3	10
32	The A1166C polymorphism of the AT1 receptor gene is associated with collagen type I synthesis and myocardial stiffness in hypertensives. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 2085-92	1.9	10
31	Selective increase of cardiomyocyte derived extracellular vesicles after experimental myocardial infarction and functional effects on the endothelium. <i>Thrombosis Research</i> , <b>2018</b> , 170, 1-9	8.2	9
30	Evidence that heparin but not hirudin reduces PAI-1 expression in cultured human endothelial cells. <i>Thrombosis Research</i> , <b>1999</b> , 94, 137-45	8.2	8
29	MMP-10 is Increased in Early Stage Diabetic Kidney Disease and can be Reduced by Renin-Angiotensin System Blockade. <i>Scientific Reports</i> , <b>2020</b> , 10, 26	4.9	8
28	NADPH Oxidase Overactivity Underlies Telomere Shortening in Human Atherosclerosis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
27	The Role of Circulating Biomarkers in Peripheral Arterial Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7
26	Asociaci3n de la metaloproteinasa-10 y el tabaquismo en sujetos sin enfermedad cardiovascular. <i>Revista Espanola De Cardiologia</i> , <b>2008</b> , 61, 1267-1273	1.5	6
25	Urinary Extracellular Vesicles for Diabetic Kidney Disease Diagnosis. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	6
24	Targeting secretases protect against angiotensin II-induced cardiac hypertrophy. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 843-50; discussion 850	1.9	5
23	Signature of subclinical femoral artery atherosclerosis in peripheral blood mononuclear cells. <i>European Journal of Clinical Investigation</i> , <b>2014</b> , 44, 539-48	4.6	5

22	Association of calprotectin with other inflammatory parameters in the prediction of mortality for ischemic stroke. <i>Journal of Neuroinflammation</i> , <b>2021</b> , 18, 3	10.1	5
21	Altered atherosclerotic-related gene expression signature in circulating mononuclear leukocytes from hypercholesterolemic patients with low HDL cholesterol levels. <i>International Journal of Cardiology</i> , <b>2014</b> , 173, 337-8	3.2	4
20	[Not Available]. <i>Revista Espanola De Cardiologia</i> , <b>2008</b> , 61, 327-8	1.5	4
19	Persistently high circulating tissue inhibitor of matrix metalloproteinase-1 levels in non-survivor brain trauma injury patients. <i>Journal of Critical Care</i> , <b>2019</b> , 51, 117-121	4	3
18	High triglyceride-low HDL cholesterol lipid profile is associated with a dysregulated gene expression in mononuclear leukocyte from hypercholesterolemic patients. <i>International Journal of Cardiology</i> , <b>2015</b> , 178, 102-4	3.2	3
17	High serum levels of tissue inhibitor of matrix metalloproteinase-1 during the first week of a malignant middle cerebral artery infarction in non-surviving patients. <i>BMC Neurology</i> , <b>2019</b> , 19, 167	3.1	3
16	Folic acid and B vitamins improve hyperhomocysteinemia-induced cardiovascular risk profile in renal transplant recipients. <i>Journal of Thrombosis and Haemostasis</i> , <b>2007</b> , 5, 1072-6	15.4	3
15	Role of Extracellular Vesicles as Potential Diagnostic and/or Therapeutic Biomarkers in Chronic Cardiovascular Diseases.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 813885	5.7	3
14	Integrating soluble biomarkers and imaging technologies in the identification of vulnerable atherosclerotic patients. <i>Biomarker Insights</i> , <b>2007</b> , 1, 165-73	3.5	3
13	Hemostasis, inflammation and cardiovascular disease. <i>Clinical Laboratory</i> , <b>2002</b> , 48, 463-70	2	3
12	Phenotypic Screening To Discover Novel Chemical Series as Efficient Antihemorrhagic Agents. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 428-433	4.3	2
11	Association between matrix metalloproteinase-10 concentration and smoking in individuals without cardiovascular disease. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2008</b> , 61, 1267-73	0.7	2
10	Circulating TIMP-1 is associated with hematoma volume in patients with spontaneous intracranial hemorrhage. <i>Scientific Reports</i> , <b>2020</b> , 10, 10329	4.9	1
9	"tissue factor expressed by microparticles is associated with mortality but not with thrombosis in cancer patients." reply to a comment by Geddings and Mackman. <i>Thrombosis and Haemostasis</i> , <b>2014</b> , 111, 182	7	1
8	Integrating Soluble Biomarkers and Imaging Technologies in the Identification of Vulnerable Atherosclerotic Patients. <i>Biomarker Insights</i> , <b>2006</b> , 1, 117727190600100	3.5	1
7	Association of SDF1 and MMP12 with Atherosclerosis and Inflammation: Clinical and Experimental Study. <i>Life</i> , <b>2021</b> , 11,	3	1
6	Inside the Thrombus: Association of Hemostatic Parameters With Outcomes in Large Vessel Stroke Patients. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 599498	4.1	1
5	Molecular and Cellular Mechanisms of Delayed Fracture Healing in Mmp10 (Stromelysin 2) Knockout Mice. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> , 36, 2203-2213	6.3	0

- 4 Corrigendum to Preliminary characterisation of the promoter of the human p22phox gene: Identification of a new polymorphism associated with hypertension [FEBS Lett. 542 (2003) 27B1]. *FEBS Letters*, **2010**, 584, 4709-4709 3.8
- 3 Metaloproteasa-10 (estromelisin-2): un nuevo marcador de aterosclerosis subclílica. *Clinica E Investigaci3n En Arteriosclerosis*, **2007**, 19, 122-128 1.4
- 2 Markers of fibrinolytic potency and clotting activation in stable angina pectoris: role of urokinase, assessment of atrioventricular differences and correlation with coronary patency. *Fibrinolysis and Proteolysis*, **1999**, 13, 133-138
- 1 Hemostatic Biomarkers and Volumetry Help to Identify High-Risk Abdominal Aortic Aneurysms. *Life*, **2022**, 12, 823 3