

Josune Orbe

List of Publications by Year in descending order

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95
papers

3,252
citations

117571

34
h-index

175177

52
g-index

110
all docs

110
docs citations

110
times ranked

4908
citing authors

#	ARTICLE	IF	CITATIONS
1	C-Reactive Protein Induces Matrix Metalloproteinase-1 and -10 in Human Endothelial Cells. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1369-1378.	1.2	168
2	The CD163-expressing macrophages recognize and internalize TWEAK. <i>Atherosclerosis</i> , 2009, 207, 103-110.	0.4	129
3	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> , 2007, 27, 916-922.	1.1	127
4	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> , 2009, 13, R158.	2.5	105
5	Involvement of leptin in the association between percentage of body fat and cardiovascular risk factors. <i>Clinical Biochemistry</i> , 2002, 35, 315-320.	0.8	99
6	Different expression of MMPs/TIMP-1 in human atherosclerotic lesions. Relation to plaque features and vascular bed. <i>Atherosclerosis</i> , 2003, 170, 269-276.	0.4	98
7	Trimethylamine-N-Oxide (TMAO) Predicts Cardiovascular Mortality in Peripheral Artery Disease. <i>Scientific Reports</i> , 2019, 9, 15580.	1.6	91
8	Preliminary characterisation of the promoter of the human p22phox gene: identification of a new polymorphism associated with hypertension. <i>FEBS Letters</i> , 2003, 542, 27-31.	1.3	86
9	Phagocytic NADPH Oxidase-Dependent Superoxide Production Stimulates Matrix Metalloproteinase-9. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 587-593.	1.1	82
10	Metalloproteinases and atherothrombosis: MMP-10 mediates vascular remodeling promoted by inflammatory stimuli. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 2916.	3.0	78
11	Matrix Metalloproteinases in Diabetic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 472.	1.0	65
12	Independent association of matrix metalloproteinase-10, cardiovascular risk factors and subclinical atherosclerosis. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 91-97.	1.9	62
13	Antioxidant vitamins increase the collagen content and reduce MMP-1 in a porcine model of atherosclerosis: implications for plaque stabilization. <i>Atherosclerosis</i> , 2003, 167, 45-53.	0.4	61
14	Matrix metalloproteinase 10 contributes to hepatocarcinogenesis in a novel crosstalk with the stromal derived factor 1/CXCL12 chemokine receptor 4 axis. <i>Hepatology</i> , 2015, 62, 166-178.	3.6	61
15	Association of Sepsis-Related Mortality with Early Increase of TIMP-1/MMP-9 Ratio. <i>PLoS ONE</i> , 2014, 9, e94318.	1.1	60
16	Increased thrombin generation after acute versus chronic coronary disease as assessed by the thrombin generation test. <i>Thrombosis and Haemostasis</i> , 2008, 99, 382-387.	1.8	59
17	Tissue factor expressed by microparticles is associated with mortality but not with thrombosis in cancer patients. <i>Thrombosis and Haemostasis</i> , 2013, 110, 598-608.	1.8	57
18	Matrix Metalloproteinase-10 Effectively Reduces Infarct Size in Experimental Stroke by Enhancing Fibrinolysis via a Thrombin-Activatable Fibrinolysis Inhibitor-Mediated Mechanism. <i>Circulation</i> , 2011, 124, 2909-2919.	1.6	54

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19	Association between serum soluble CD40 ligand levels and mortality in patients with severe sepsis. <i>Critical Care</i> , 2011, 15, R97.	2.5	53
20	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> , 2012, 32, 1477-1487.	1.1	53
21	Prothrombin Fragment 1+2 Is Associated With Carotid Intima-Media Thickness in Subjects Free of Clinical Cardiovascular Disease. <i>Stroke</i> , 2004, 35, 1085-1089.	1.0	52
22	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> , 2006, 368, 138-143.	0.5	52
23	A comparison between percutaneous and surgical transplantation of autologous skeletal myoblasts in a swine model of chronic myocardial infarction. <i>Cardiovascular Research</i> , 2006, 71, 744-753.	1.8	52
24	CCL20 Is Increased in Hypercholesterolemic Subjects and Is Upregulated By LDL in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2733-2741.	1.1	47
25	proMetalloproteinase-10 is associated with brain damage and clinical outcome in acute ischemic stroke. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 1464-1473.	1.9	44
26	Matrix metalloproteinase-10 expression is induced during hepatic injury and plays a fundamental role in liver tissue repair. <i>Liver International</i> , 2014, 34, e257-70.	1.9	43
27	Monocyte cyclooxygenase-2 overactivity: a new marker of subclinical atherosclerosis in asymptomatic subjects with cardiovascular risk factors?. <i>European Heart Journal</i> , 2005, 26, 153-158.	1.0	42
28	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> , 2009, 29, 2109-2116.	1.1	42
29	Independent association of von Willebrand factor with surrogate markers of atherosclerosis in middle-aged asymptomatic subjects. <i>Journal of Thrombosis and Haemostasis</i> , 2005, 3, 662-664.	1.9	40
30	Adipose Stromal Vascular Fraction Improves Cardiac Function in Chronic Myocardial Infarction through Differentiation and Paracrine Activity. <i>Cell Transplantation</i> , 2012, 21, 1023-1037.	1.2	40
31	The Role of Circulating Biomarkers in Peripheral Arterial Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3601.	1.8	40
32	MMP-10 Is Required for Efficient Muscle Regeneration in Mouse Models of Injury and Muscular Dystrophy. <i>Stem Cells</i> , 2014, 32, 447-461.	1.4	39
33	Serum levels of matrix metalloproteinase-10 are associated with the severity of atherosclerosis in patients with chronic kidney disease. <i>Kidney International</i> , 2010, 78, 1275-1280.	2.6	37
34	The CXCR4/SDF1 Axis Improves Muscle Regeneration Through MMP-10 Activity. <i>Stem Cells and Development</i> , 2014, 23, 1417-1427.	1.1	36
35	Efficacy of Alteplase in a Mouse Model of Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 1312-1318.	1.0	36
36	A Role for MMP-10 (Matrix Metalloproteinase-10) in Calcific Aortic Valve Stenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1370-1382.	1.1	36

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37	Matrix metalloproteinase 10 is associated with disease severity and mortality in patients with peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2015, 61, 428-435.	0.6	35
38	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> , 1999, 105, 117-121.	1.2	34
39	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> , 2003, 21, 2085-2092.	0.3	34
40	Association between Serum Tissue Inhibitor of Matrix Metalloproteinase-1 Levels and Mortality in Patients with Severe Brain Trauma Injury. <i>PLoS ONE</i> , 2014, 9, e94370.	1.1	34
41	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> , 2020, 9, 1729646.	5.5	34
42	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> , 2013, 17, R94.	2.5	31
43	Validation of plasma fibrinogen as a marker of carotid atherosclerosis in subjects free of clinical cardiovascular disease. <i>Haematologica</i> , 2004, 89, 1226-31.	1.7	30
44	Regulation by Nitric Oxide of Endotoxin-Induced Tissue Factor and Plasminogen Activator Inhibitor-1 in Endothelial Cells. <i>Thrombosis and Haemostasis</i> , 2002, 88, 1060-1065.	1.8	29
45	Independent Association of Fibrinogen with Carotid Intima-Media Thickness in Asymptomatic Subjects. <i>Cerebrovascular Diseases</i> , 2003, 16, 356-362.	0.8	28
46	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> , 2009, 297, R1563-R1569.	0.9	27
47	Matrix metalloproteinase-10 deficiency delays atherosclerosis progression and plaque calcification. <i>Atherosclerosis</i> , 2018, 278, 124-134.	0.4	27
48	Combined sustained release of BMP2 and MMP10 accelerates bone formation and mineralization of calvaria critical size defect in mice. <i>Drug Delivery</i> , 2018, 25, 750-756.	2.5	25
49	CM352 Reduces Brain Damage and Improves Functional Recovery in a Rat Model of Intracerebral Hemorrhage. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	24
50	MMP-10 is Increased in Early Stage Diabetic Kidney Disease and can be Reduced by Renin-Angiotensin System Blockade. <i>Scientific Reports</i> , 2020, 10, 26.	1.6	24
51	MMP10 Promotes Efficient Thrombolysis After Ischemic Stroke in Mice with Induced Diabetes. <i>Translational Stroke Research</i> , 2019, 10, 389-401.	2.3	21
52	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> , 2003, 21, 2085-92.	0.3	21
53	Activated protein C $\hat{1}^2$ -glycoform promotes enhanced noncanonical PAR1 proteolysis and superior resistance to ischemic injury. <i>Blood</i> , 2015, 126, 915-919.	0.6	20
54	Association of calprotectin with other inflammatory parameters in the prediction of mortality for ischemic stroke. <i>Journal of Neuroinflammation</i> , 2021, 18, 3.	3.1	20

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55	Vitamins C and E attenuate plasminogen activator inhibitor-1 (PAI-1) expression in a hypercholesterolemic porcine model of angioplasty. <i>Cardiovascular Research</i> , 2001, 49, 484-492.	1.8	19
56	Functional MMP10 is required for efficient tissue repair after experimental hind limb ischemia. <i>FASEB Journal</i> , 2015, 29, 960-972.	0.2	19
57	Reduced high-density lipoprotein cholesterol: A valuable, independent prognostic marker in peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2017, 66, 1527-1533.e1.	0.6	19
58	Role of Extracellular Vesicles as Potential Diagnostic and/or Therapeutic Biomarkers in Chronic Cardiovascular Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 813885.	1.8	19
59	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> , 2015, 58, 2465-2488.	2.9	18
60	NADPH Oxidase Overactivity Underlies Telomere Shortening in Human Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1434.	1.8	18
61	Influence of the 4G/5G PAI-1 genotype on angiotensin II-stimulated human endothelial cells and in patients with hypertension. <i>Cardiovascular Research</i> , 2004, 63, 176-185.	1.8	17
62	Recent progress in translational research on neurovascular and neurodegenerative disorders. <i>Restorative Neurology and Neuroscience</i> , 2017, 35, 87-103.	0.4	16
63	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> , 2006, 4, 1798-1803.	1.9	15
64	Lack of TAFI increases brain damage and microparticle generation after thrombolytic therapy in ischemic stroke. <i>Thrombosis Research</i> , 2015, 136, 445-450.	0.8	15
65	New thrombolytic strategy providing neuroprotection in experimental ischemic stroke: MMP10 alone or in combination with tissue-type plasminogen activator. <i>Cardiovascular Research</i> , 2017, 113, 1219-1229.	1.8	15
66	Selective increase of cardiomyocyte derived extracellular vesicles after experimental myocardial infarction and functional effects on the endothelium. <i>Thrombosis Research</i> , 2018, 170, 1-9.	0.8	12
67	Discovery and Safety Profiling of a Potent Preclinical Candidate, (4-[4-[(3 <i>R</i>)-3-(Hydroxycarbamoyl)-8-azaspiro[4.5]decan-3-yl]sulfonyl]phenoxy]- <i>N</i> -methylbenzamide), (CM-352), for the Prevention and Treatment of Hemorrhage. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2941-2957.	2.9	11
68	Serum tissue inhibitor of matrix metalloproteinase-1 levels are associated with mortality in patients with malignant middle cerebral artery infarction. <i>BMC Neurology</i> , 2015, 15, 111.	0.8	11
69	Urinary Extracellular Vesicles for Diabetic Kidney Disease Diagnosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2046.	1.0	10
70	Targeting β -secretases protect against angiotensin II-induced cardiac hypertrophy. <i>Journal of Hypertension</i> , 2015, 33, 843-850.	0.3	9
71	Association of SDF1 and MMP12 with Atherosclerosis and Inflammation: Clinical and Experimental Study. <i>Life</i> , 2021, 11, 414.	1.1	9
72	Evidence that Heparin but Not Hirudin Reduces PAI-1 Expression in Cultured Human Endothelial Cells. <i>Thrombosis Research</i> , 1999, 94, 137-145.	0.8	8

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73	Inside the Thrombus: Association of Hemostatic Parameters With Outcomes in Large Vessel Stroke Patients. <i>Frontiers in Neurology</i> , 2021, 12, 599498.	1.1	8
74	Lipocalin-2 and Calprotectin Potential Prognosis Biomarkers in Peripheral Arterial Disease. <i>European Journal of Vascular and Endovascular Surgery</i> , 2022, 63, 648-656.	0.8	8
75	Association Between Matrix Metalloproteinase-10 Concentration and Smoking in Individuals Without Cardiovascular Disease. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2008, 61, 1267-1273.	0.4	6
76	Signature of subclinical femoral artery atherosclerosis in peripheral blood mononuclear cells. <i>European Journal of Clinical Investigation</i> , 2014, 44, 539-548.	1.7	6
77	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> , 2019, 19, 167.	0.8	6
78	Respuesta. <i>Revista Espanola De Cardiologia</i> , 2008, 61, 327-328.	0.6	5
79	Persistently high circulating tissue inhibitor of matrix metalloproteinase-1 levels in non-survivor brain trauma injury patients. <i>Journal of Critical Care</i> , 2019, 51, 117-121.	1.0	5
80	Circulating TIMP-1 is associated with hematoma volume in patients with spontaneous intracranial hemorrhage. <i>Scientific Reports</i> , 2020, 10, 10329.	1.6	5
81	Molecular and Cellular Mechanisms of Delayed Fracture Healing in <i>Mmp10</i> (Stromelysin 2) Knockout Mice. <i>Journal of Bone and Mineral Research</i> , 2021, 36, 2203-2213.	3.1	5
82	Hemostasis, inflammation and cardiovascular disease. <i>Clinical Laboratory</i> , 2002, 48, 463-70.	0.2	5
83	Folic acid and B vitamins improve hyperhomocysteinemia-induced cardiovascular risk profile in renal transplant recipients. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 1072-1076.	1.9	4
84	Altered atherosclerotic-related gene expression signature in circulating mononuclear leukocytes from hypercholesterolemic patients with low HDL cholesterol levels. <i>International Journal of Cardiology</i> , 2014, 173, 337-338.	0.8	4
85	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> , 2015, 178, 102-104.	0.8	3
86	Integrating soluble biomarkers and imaging technologies in the identification of vulnerable atherosclerotic patients. <i>Biomarker Insights</i> , 2007, 1, 165-73.	1.0	3
87	Phenotypic Screening To Discover Novel Chemical Series as Efficient Antihemorrhagic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 428-433.	1.3	2
88	Deficiency of MMP-10 Aggravates the Diseased Phenotype of Aged Dystrophic Mice. <i>Life</i> , 2021, 11, 1398.	1.1	2
89	Integrating Soluble Biomarkers and Imaging Technologies in the Identification of Vulnerable Atherosclerotic Patients. <i>Biomarker Insights</i> , 2006, 1, 117727190600100.	1.0	1
90	â€œTissue factor expressed by microparticles is associated with mortality but not with thrombosis in cancer patients.â€ Reply to a comment by Geddings and Mackman. <i>Thrombosis and Haemostasis</i> , 2014, 111, 182-182.	1.8	1

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91	Matrix Metalloproteinase 10 Contributes to Choroidal Neovascularisation. Biomedicines, 2022, 10, 1557.	1.4	1
92	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.	1.1	0
93	Corrigendum to "Preliminary characterisation of the promoter of the human p22phoxgene: Identification of a new polymorphism associated with hypertension" [FEBS Lett. 542 (2003) 27-31]. FEBS Letters, 2010, 584, 4709-4709.	1.3	0
94	CM-352 EFFICACY IN A MOUSE MODEL OF ANTICOAGULANT-ASSOCIATED INTRACRANIAL HAEMORRHAGE. Thrombosis and Haemostasis, 2022, 0, .	1.8	0
95	Hemostatic Biomarkers and Volumetry Help to Identify High-Risk Abdominal Aortic Aneurysms. Life, 2022, 12, 823.	1.1	0