

Maria Borrell-Pages

List of Publications by Year in descending order

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81
papers

4,547
citations

218677

26
h-index

133252

59
g-index

83
all docs

83
docs citations

83
times ranked

5866
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential cholesterol uptake in liver cells: A role for PCSK9. <i>FASEB Journal</i> , 2022, 36, e22291.	0.5	6
2	Supplementation With Spirulina Reduces Infarct Size and Ameliorates Cardiac Function in a Pig Model of STEMI. <i>Frontiers in Pharmacology</i> , 2022, 13, 891801.	3.5	1
3	Adipsin a regulatory protein found in the extracellular matrix is modulated by hypercholesterolemia in myocardial infarction. <i>Cardiovascular Research</i> , 2022, 118, .	3.8	0
4	Mitochondrial proteomic response to post-conditioning: a network-assisted systems biology analysis in a preclinical model. <i>Cardiovascular Research</i> , 2022, 118, .	3.8	0
5	MiR-6821-5p and coronary calcification in familial hypercholesterolemia patients with subclinical atherosclerosis. <i>Cardiovascular Research</i> , 2022, 118, .	3.8	0
6	Diabetes impairs osteogenic differentiation of bone marrow mesenchymal stem cells. <i>Cardiovascular Research</i> , 2022, 118, .	3.8	0
7	PCSK9 and LRP5 in macrophage lipid internalization and inflammation. <i>Cardiovascular Research</i> , 2021, 117, 2054-2068.	3.8	45
8	PCSK9 Functions in Atherosclerosis Are Not Limited to Plasmatic LDL-Cholesterol Regulation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 639727.	2.4	36
9	Evaluation of dystrophin expression by immunohistochemistry as a prognostic factor in leiomyosarcomas (LMS).. <i>Journal of Clinical Oncology</i> , 2021, 39, e23525-e23525.	1.6	0
10	Triglyceride-induced cardiac lipotoxicity is mitigated by Silybum marianum. <i>Atherosclerosis</i> , 2021, 324, 91-101.	0.8	2
11	Microvesicles carrying LRP5 induce macrophage polarization to an anti-inflammatory phenotype. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7935-7947.	3.6	6
12	CMR analysis of the cardioprotective effects of chronic statin therapy prior to first STEMI: a propensity score analysis. <i>European Heart Journal</i> , 2021, 42, .	2.2	0
13	Clinical benefit and cost of breakthrough cancer drugs approved by the US Food and Drug Administration. <i>Cancer</i> , 2020, 126, 4390-4399.	4.1	19
14	Immunization with the Gly ¹¹²⁷ -Cys ¹¹⁴⁰ amino acid sequence of the LRP1 receptor reduces atherosclerosis in rabbits. <i>Molecular, immunohistochemical and nuclear imaging studies. Theranostics</i> , 2020, 10, 3263-3280.	10.0	19
15	Proangiogenic and Proarteriogenic Therapies in Coronary Microvasculature Dysfunction. , 2020, , 271-287.		0
16	Value of multigene panel retesting of families with <i>BRCA1/2</i> mutation-negative hereditary breast and ovarian cancer (HBOC).. <i>Journal of Clinical Oncology</i> , 2020, 38, 1582-1582.	1.6	0
17	Administration of a soluble ADPase, AZD3366, on top of ticagrelor confers additional cardioprotective benefits to that of ticagrelor alone. <i>European Heart Journal</i> , 2020, 41, .	2.2	0
18	The role of nutritional additives in prevention: dietary supplementation with Spirulina reduces myocardial damage and improves cardiac function post-myocardial infarction in swine. <i>European Heart Journal</i> , 2020, 41, .	2.2	0

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19	2183 Intravenous administration of IV-STATIN CARDIOSHIELD during myocardial infarction renders higher cardioprotection than oral atorvastatin given shortly after reperfusion: a translational CMR study. <i>European Heart Journal</i> , 2019, 40, .	2.2	0
20	GSK3 β inhibition and canonical Wnt signaling in mice hearts after myocardial ischemic damage. <i>PLoS ONE</i> , 2019, 14, e0218098.	2.5	20
21	Lessons learned by atherosclerotic plaques at necropsy. <i>Cl�nica E Investigaci�n En Arteriosclerosis (English Edition)</i> , 2019, 31, 73-74.	0.2	0
22	P3490 Intravenous administration of atorvastatin early after cardiac ischemia attenuates adverse left ventricular remodeling, ameliorates cardiac function and limits the deleterious effects of reinfarction. <i>European Heart Journal</i> , 2019, 40, .	2.2	0
23	P3499 Myocardial extracellular matrix during post-infarction remodeling: The role of C3-complement system. <i>European Heart Journal</i> , 2019, 40, .	2.2	0
24	47 One year of mediterranean diet decreases microvesicle release from activated platelets and leukocytes in asymptomatic high cardiovascular risk patients. <i>European Heart Journal</i> , 2019, 40, .	2.2	1
25	P6419 Machine learning in critical care: the role of diabetes and age in acute coronary syndromes. <i>European Heart Journal</i> , 2019, 40, .	2.2	0
26	Clinical benefit of breakthrough cancer drugs approved by the United States Food and Drug Administration.. <i>Journal of Clinical Oncology</i> , 2019, 37, 6513-6513.	1.6	1
27	Lecciones aprendidas mediante el estudio de las placas ateroscler�ticas obtenidas en las necropsias. <i>Cl�nica E Investigaci�n En Arteriosclerosis</i> , 2019, 31, 73-74.	0.8	0
28	Management of stage I seminomatous germ-cell cancer (SGCC): Results from 4 different risk-adapted strategies in a single institution.. <i>Journal of Clinical Oncology</i> , 2019, 37, e16047-e16047.	1.6	0
29	Risk of second primary neoplasia in patients with oropharyngeal carcinoma: Role of HPV status in the outcome.. <i>Journal of Clinical Oncology</i> , 2019, 37, e17544-e17544.	1.6	0
30	Circulating microparticles are associated with clinical severity of persistent ST-segment elevation myocardial infarction complicated with cardiogenic shock. <i>International Journal of Cardiology</i> , 2018, 258, 249-256.	1.7	27
31	P1001 Predictors of stroke and overall mortality in real world patients with atrial fibrillation treated with oral anticoagulants. <i>European Heart Journal</i> , 2018, 39, .	2.2	0
32	2167 Influence of gender on long-term prognosis in patients with atrial fibrillation treated with oral anticoagulants. Results from the prospective, nationwide FANTASIA study. <i>European Heart Journal</i> , 2018, 39, .	2.2	0
33	P1281 EHRA functional class is a strong predictor of major events in patients with atrial fibrillation treated with oral anticoagulants. <i>European Heart Journal</i> , 2018, 39, .	2.2	0
34	Microvasculature Recovery by Angiogenesis After Myocardial Infarction. <i>Current Pharmaceutical Design</i> , 2018, 24, 2967-2973.	1.9	33
35	4938 Differential urine proteomic signature in early phase of renal insufficiency in patients with acute heart failure. <i>European Heart Journal</i> , 2018, 39, .	2.2	0
36	Magnitude of Clinical Benefit of Cancer Drugs Approved by the US Food and Drug Administration Based on Single-Arm Trials. <i>JAMA Oncology</i> , 2018, 4, 1610.	7.1	27

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37	Reply to the letter by Dr. Ulas to the manuscript entitled: "Silybum marianum provides cardioprotection and limits adverse remodeling post-myocardial infarction by mitigating oxidative stress and reactive fibrosis" International Journal of Cardiology, 2018, 270, 78.	1.7	1
38	Silybum marianum provides cardioprotection and limits adverse remodeling post-myocardial infarction by mitigating oxidative stress and reactive fibrosis. International Journal of Cardiology, 2018, 270, 28-35.	1.7	22
39	Tissue factor variants induce monocyte transformation and transdifferentiation into endothelial cell-like cells. Journal of Thrombosis and Haemostasis, 2017, 15, 1689-1703.	3.8	18
40	Wnt signaling in the vessel wall. Current Opinion in Hematology, 2017, 24, 230-239.	2.5	24
41	Macrophages of genetically characterized familial hypercholesterolaemia patients show up-regulation of LDL receptor-related proteins. Journal of Cellular and Molecular Medicine, 2017, 21, 487-499.	3.6	14
42	Effects of moderate beer consumption on health and disease: A consensus document. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 443-467.	2.6	196
43	LRP5/canonical Wnt signalling and healing of ischemic myocardium. Basic Research in Cardiology, 2016, 111, 67.	5.9	25
44	Bone Marrow Cell Transplant From Donors With Cardiovascular Risk Factors Increases the Pro-atherosclerotic Phenotype in the Recipients. American Journal of Transplantation, 2016, 16, 3392-3403.	4.7	8
45	Do physicians correctly calculate thromboembolic risk scores? A comparison of concordance between manual and computer-based calculation of CHADS ₂ and CHA ₂ DS ₂ -VASc scores. Internal Medicine Journal, 2016, 46, 583-589.	0.8	1
46	LRP5 associates with specific subsets of macrophages: Molecular and functional effects. Journal of Molecular and Cellular Cardiology, 2016, 90, 146-156.	1.9	22
47	Atheroma Burden and Morphology in Women. Current Pharmaceutical Design, 2016, 22, 3915-3927.	1.9	3
48	Monomeric C-reactive protein-a key molecule driving development of Alzheimer's disease associated with brain ischaemia?. Scientific Reports, 2015, 5, 13281.	3.3	93
49	LRP5 deficiency down-regulates Wnt signalling and promotes aortic lipid infiltration in hypercholesterolaemic mice. Journal of Cellular and Molecular Medicine, 2015, 19, 770-777.	3.6	41
50	LRP5 and plasma cholesterol levels modulate the canonical Wnt pathway in peripheral blood leukocytes. Immunology and Cell Biology, 2015, 93, 653-661.	2.3	20
51	Molecular and functional characterization of LRP1 promoter polymorphism c.1-25 C>G (rs138854007). Atherosclerosis, 2014, 233, 178-185.	0.8	6
52	LRP5 negatively regulates differentiation of monocytes through abrogation of Wnt signalling. Journal of Cellular and Molecular Medicine, 2014, 18, 314-325.	3.6	26
53	Thrombosis formation on atherosclerotic lesions and plaque rupture. Journal of Internal Medicine, 2014, 276, 618-632.	6.0	422
54	Cholesterol modulates LRP5 expression in the vessel wall. Atherosclerosis, 2014, 235, 363-370.	0.8	21

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55	Antioxidized LDL Antibodies Are Associated With Different Metabolic Pathways in Patients With Atherosclerotic Plaque and Type 2 Diabetes. <i>Diabetes Care</i> , 2013, 36, 1006-1011.	8.6	12
56	Circulating Biomarkers. <i>Thrombosis Research</i> , 2012, 130, S12-S15.	1.7	48
57	Wnt pathway activation, cell migration, and lipid uptake is regulated by low-density lipoprotein receptor-related protein 5 in human macrophages. <i>European Heart Journal</i> , 2011, 32, 2841-2850.	2.2	78
58	Selective role of sterol regulatory element binding protein isoforms in aggregated LDL-induced vascular low density lipoprotein receptor-related protein-1 expression. <i>Atherosclerosis</i> , 2010, 213, 458-468.	0.8	28
59	Neuronal TIMP-1 release accompanies astrocytic MMP-9 secretion and enhances astrocyte proliferation induced by β -amyloid 25-35 fragment. <i>Journal of Neuroscience Research</i> , 2009, 87, 2115-2125.	2.9	34
60	Matrix Metalloproteinase-13 is Activated and is found in the Nucleus of Neural Cells after Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 398-410.	4.3	61
61	Short-term myocardial ischemia induces cardiac modified C-reactive protein expression and proinflammatory gene (cyclo-oxygenase-2, monocyte chemoattractant protein-1, and tissue factor) upregulation in peripheral blood mononuclear cells. <i>Journal of Thrombosis and Haemostasis</i> , 2009, 7, 485-493.	3.8	41
62	Determination of UO ₂ (s) dissolution rates in a hydrogen peroxide medium as a function of pressure and temperature. <i>Journal of Nuclear Materials</i> , 2008, 375, 151-156.	2.7	5
63	Huntingtin phosphorylation acts as a molecular switch for anterograde/retrograde transport in neurons. <i>EMBO Journal</i> , 2008, 27, 2124-2134.	7.8	300
64	Sterol regulatory element binding proteins downregulate LDL receptor-related protein (LRP1) expression and LRP1-mediated aggregated LDL uptake by human macrophages. <i>Cardiovascular Research</i> , 2007, 74, 526-536.	3.8	57
65	Tissue factor induction by aggregated LDL depends on LDL receptor-related protein expression (LRP1) and Rho A translocation in human vascular smooth muscle cells. <i>Cardiovascular Research</i> , 2007, 73, 208-216.	3.8	32
66	Adipocyte differentiation-related protein is induced by LRP1-mediated aggregated LDL internalization in human vascular smooth muscle cells and macrophages. <i>Journal of Lipid Research</i> , 2007, 48, 2133-2140.	4.2	42
67	Sterol Regulatory Element-binding Protein-2 Negatively Regulates Low Density Lipoprotein Receptor-related Protein Transcription. <i>Journal of Molecular Biology</i> , 2006, 359, 950-960.	4.2	58
68	Cell Biology and Lipoproteins in Atherosclerosis. <i>Current Molecular Medicine</i> , 2006, 6, 439-456.	1.3	54
69	Cystamine and cysteamine increase brain levels of BDNF in Huntington disease via HS1b and transglutaminase. <i>Journal of Clinical Investigation</i> , 2006, 116, 1410-1424.	8.2	211
70	Huntingtin Controls Neurotrophic Support and Survival of Neurons by Enhancing BDNF Vesicular Transport along Microtubules. <i>Cell</i> , 2004, 118, 127-138.	28.9	1,004
71	TACE is required for the activation of the EGFR by TGF- β in tumors. <i>EMBO Journal</i> , 2003, 22, 1114-1124.	7.8	261
72	Impaired Trafficking and Activation of Tumor Necrosis Factor- α -converting Enzyme in Cell Mutants Defective in Protein Ectodomain Shedding. <i>Journal of Biological Chemistry</i> , 2003, 278, 25933-25939.	3.4	44

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73	Pathogenesis of the acute coronary syndromes and therapeutic implications. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 2002, 32, 225-231.	0.3	36
74	LDL Receptor-Related Protein Mediates Uptake of Aggregated LDL in Human Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1572-1579.	2.4	122
75	The Carboxy-terminal Cysteine of the Tetraspanin L6 Antigen Is Required for Its Interaction with SITAC, a Novel PDZ Protein. Molecular Biology of the Cell, 2000, 11, 4217-4225.	2.1	26
76	Effects of progestogens on thrombosis and atherosclerosis. Human Reproduction Update, 1999, 5, 191-199.	10.8	16
77	A sudden increase in plasma epinephrine levels transiently enhances platelet deposition on severely damaged arterial wall—studies in a porcine model. Thrombosis and Haemostasis, 1999, 82, 1736-42.	3.4	7
78	Esterified Cholesterol Accumulation Induced by Aggregated LDL Uptake in Human Vascular Smooth Muscle Cells Is Reduced by HMG-CoA Reductase Inhibitors. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 738-746.	2.4	59
79	Cell biology of restenosis post-angioplasty. Clinical Research in Cardiology, 1995, 84 Suppl 4, 145-9.	1.1	1
80	Thrombin in Arterial Thrombosis. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 1994, 24, 69-80.	0.3	13
81	Regression of atherosclerotic lesions by high density lipoprotein plasma fraction in the cholesterol-fed rabbit.. Journal of Clinical Investigation, 1990, 85, 1234-1241.	8.2	691