

# Antoni BayÀ©s-GenÀ-s

## List of Publications by Year in descending order

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725  
papers

27,544  
citations

10389

72  
h-index

11308

136  
g-index

783  
all docs

783  
docs citations

783  
times ranked

22751  
citing authors

#	ARTICLE	IF	CITATIONS
1	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Heart Journal</i> , 2021, 42, 3599-3726.	2.2	5,558
2	NT-proBNP testing for diagnosis and short-term prognosis in acute destabilized heart failure: an international pooled analysis of 1256 patients. <i>European Heart Journal</i> , 2006, 27, 330-337.	2.2	978
3	Pregnancy-Associated Plasma Protein A as a Marker of Acute Coronary Syndromes. <i>New England Journal of Medicine</i> , 2001, 345, 1022-1029.	27.0	509
4	Heart Failure Association of the European Society of Cardiology practical guidance on the use of natriuretic peptide concentrations. <i>European Journal of Heart Failure</i> , 2019, 21, 715-731.	7.1	446
5	A critical role for elastin signaling in vascular morphogenesis and disease. <i>Development (Cambridge)</i> , 2003, 130, 411-423.	2.5	400
6	The Insulin-Like Growth Factor Axis. <i>Circulation Research</i> , 2000, 86, 125-130.	4.5	392
7	Atrial Fibrillation Is Associated With Increased Spontaneous Calcium Release From the Sarcoplasmic Reticulum in Human Atrial Myocytes. <i>Circulation</i> , 2004, 110, 1358-1363.	1.6	301
8	Interatrial blocks. A separate entity from left atrial enlargement: a consensus report. <i>Journal of Electrocardiology</i> , 2012, 45, 445-451.	0.9	292
9	Extracellular vesicle isolation methods: rising impact of size-exclusion chromatography. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2369-2382.	5.4	224
10	Head-to-Head Comparison of 2 Myocardial Fibrosis Biomarkers for Long-Term Heart Failure Risk Stratification. <i>Journal of the American College of Cardiology</i> , 2014, 63, 158-166.	2.8	222
11	Soluble ST2 for Predicting Sudden Cardiac Death in Patients With Chronic Heart Failure and Left Ventricular Systolic Dysfunction. <i>Journal of the American College of Cardiology</i> , 2009, 54, 2174-2179.	2.8	205
12	A Test in Context: Nephilysin. <i>Journal of the American College of Cardiology</i> , 2016, 68, 639-653.	2.8	197
13	Genetic Variants Associated With Cancer Therapy-Induced Cardiomyopathy. <i>Circulation</i> , 2019, 140, 31-41.	1.6	195
14	The MUSIC Risk score: a simple method for predicting mortality in ambulatory patients with chronic heart failure. <i>European Heart Journal</i> , 2009, 30, 1088-1096.	2.2	194
15	Self-care of heart failure patients: practical management recommendations from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2021, 23, 157-174.	7.1	181
16	Atrial Failure as a Clinical Entity. <i>Journal of the American College of Cardiology</i> , 2020, 75, 222-232.	2.8	174
17	Heart failure and diabetes: metabolic alterations and therapeutic interventions: a state-of-the-art review from the Translational Research Committee of the Heart Failure Association-European Society of Cardiology. <i>European Heart Journal</i> , 2018, 39, 4243-4254.	2.2	171
18	Acute heart failure congestion and perfusion status: impact of the clinical classification on in-hospital and long-term outcomes; insights from the ESC-EORP-HFA Heart Failure Long-Term Registry. <i>European Journal of Heart Failure</i> , 2019, 21, 1338-1352.	7.1	170

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19	N-terminal probrain natriuretic peptide (NT-proBNP) in the emergency diagnosis and in-hospital monitoring of patients with dyspnoea and ventricular dysfunction. <i>European Journal of Heart Failure</i> , 2004, 6, 301-308.	7.1	169
20	Sildenafil for improving outcomes in patients with corrected valvular heart disease and persistent pulmonary hypertension: a multicenter, double-blind, randomized clinical trial. <i>European Heart Journal</i> , 2018, 39, 1255-1264.	2.2	166
21	Prognostic Value of High-Sensitivity Troponin T in Chronic Heart Failure. <i>Circulation</i> , 2018, 137, 286-297.	1.6	157
22	Nanosized UCMSC-derived extracellular vesicles but not conditioned medium exclusively inhibit the inflammatory response of stimulated T cells: implications for nanomedicine. <i>Theranostics</i> , 2017, 7, 270-284.	10.0	155
23	Renal Dysfunction in Patients With Heart Failure With Preserved Versus Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2012, 5, 309-314.	3.9	152
24	Recovered heart failure with reduced ejection fraction and outcomes: a prospective study. <i>European Journal of Heart Failure</i> , 2017, 19, 1615-1623.	7.1	149
25	Increased stem cell proliferation in atherosclerosis accelerates clonal hematopoiesis. <i>Cell</i> , 2021, 184, 1348-1361.e22.	28.9	149
26	Cardiopietic cell therapy for advanced ischemic heart failure: results at 39 weeks of the prospective, randomized, double blind, sham-controlled CHART-1 clinical trial. <i>European Heart Journal</i> , 2017, 38, ehw543.	2.2	148
27	New Insights into Elastin and Vascular Disease. <i>Trends in Cardiovascular Medicine</i> , 2003, 13, 176-181.	4.9	145
28	Pretreatment with corticosteroids attenuates the efficacy of colchicine in preventing recurrent pericarditis: a multi-centre all-case analysis. <i>European Heart Journal</i> , 2005, 26, 723-727.	2.2	140
29	Impact of Frailty on Mortality and Hospitalization in Chronic Heart Failure: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2018, 7, e008251.	3.7	140
30	Soluble Nephrylysin Is Predictive of Cardiovascular Death and Heart Failure Hospitalization in Heart Failure Patients. <i>Journal of the American College of Cardiology</i> , 2015, 65, 657-665.	2.8	137
31	Insulin-Like Growth Factor Binding Protein-4 Protease Produced by Smooth Muscle Cells Increases in the Coronary Artery After Angioplasty. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 335-341.	2.4	136
32	Amino-Terminal Pro-Brain Natriuretic Peptide, Renal Function, and Outcomes in Acute Heart Failure. <i>Journal of the American College of Cardiology</i> , 2006, 48, 1621-1627.	2.8	136
33	Global position paper on cardiovascular regenerative medicine. <i>European Heart Journal</i> , 2017, 38, 2532-2546.	2.2	133
34	Dynamic Trajectories of Left Ventricular Ejection Fraction in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2018, 72, 591-601.	2.8	132
35	Combined use of high-sensitivity ST2 and NTproBNP to improve the prediction of death in heart failure. <i>European Journal of Heart Failure</i> , 2012, 14, 32-38.	7.1	130
36	Prognostic Value of Soluble Suppression of Tumorigenicity-2 in Chronic Heart Failure. <i>JACC: Heart Failure</i> , 2017, 5, 280-286.	4.1	127

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37	sST2 Predicts Outcome in Chronic Heart Failure Beyond NT-proBNP and High-Sensitivity Troponin T. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2309-2320.	2.8	126
38	Effect of Body Mass Index on Diagnostic and Prognostic Usefulness of Amino-Terminal Pro-Brain Natriuretic Peptide in Patients With Acute Dyspnea. <i>Archives of Internal Medicine</i> , 2007, 167, 400.	3.8	125
39	Myocardial Remodeling in Hypertension. <i>Hypertension</i> , 2018, 72, 549-558.	2.7	123
40	NT-proBNP (N-Terminal pro-B-Type Natriuretic Peptide)-Guided Therapy in Acute Decompensated Heart Failure. <i>Circulation</i> , 2018, 137, 1671-1683.	1.6	122
41	Estimated Glomerular Filtration Rate and Prognosis in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1709-1715.	2.8	121
42	Long-Term Potassium Monitoring and Dynamics in Heart Failure and Risk of Mortality. <i>Circulation</i> , 2018, 137, 1320-1330.	1.6	121
43	Clonal Hematopoiesis and Risk of Progression of Heart Failure With Reduced Left Ventricular Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1747-1759.	2.8	111
44	Clinical and Prognostic Significance of sST2 in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2193-2203.	2.8	110
45	A novel discharge risk model for patients hospitalised for acute decompensated heart failure incorporating N-terminal pro-B-type natriuretic peptide levels: a European collaboration on Acute decompensated Heart Failure: The ESCOR-HF Score. <i>Heart</i> , 2014, 100, 115-125.	2.9	106
46	D-Dimer is an early diagnostic marker of coronary ischemia in patients with chest pain. <i>American Heart Journal</i> , 2000, 140, 379-384.	2.7	105
47	Human progenitor cells derived from cardiac adipose tissue ameliorate myocardial infarction in rodents. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 771-780.	1.9	104
48	Meta-Analysis of Soluble Suppression of Tumor Necrosis Factor-2 and Prognosis in Acute Heart Failure. <i>JACC: Heart Failure</i> , 2017, 5, 287-296.	4.1	104
49	Usefulness of Intermediate Amino-Terminal Pro-Brain Natriuretic Peptide Concentrations for Diagnosis and Prognosis of Acute Heart Failure. <i>American Journal of Cardiology</i> , 2006, 98, 386-390.	1.6	103
50	Health-Related Quality of Life and Mortality in Heart Failure: The Global Congestive Heart Failure Study of 23 000 Patients From 40 Countries. <i>Circulation</i> , 2021, 143, 2129-2142.	1.6	101
51	Effect of aging on the pluripotential capacity of human CD105+mesenchymal stem cells. <i>European Journal of Heart Failure</i> , 2006, 8, 555-563.	7.1	99
52	Development of a Novel Heart Failure Risk Tool: The Barcelona Bio-Heart Failure Risk Calculator (BCN) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	2.5	97
53	Effect of $\beta$ -Blocker Withdrawal on Functional Capacity in Heart Failure and Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2021, 78, 2042-2056.	2.8	97
54	Mechanisms of action of sacubitril/valsartan on cardiac remodeling: a systems biology approach. <i>Npj Systems Biology and Applications</i> , 2017, 3, 12.	3.0	96

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55	Interatrial block and atrial arrhythmias in centenarians: Prevalence, associations, and clinical implications. <i>Heart Rhythm</i> , 2016, 13, 645-651.	0.7	93
56	Inappropriate doses of direct oral anticoagulants in real-world clinical practice: prevalence and associated factors. A subanalysis of the FANTASIA Registry. <i>Europace</i> , 2018, 20, 1577-1583.	1.7	93
57	Biomarker-assist score for reverse remodeling prediction in heart failure: The ST2-R2 score. <i>International Journal of Cardiology</i> , 2015, 184, 337-343.	1.7	92
58	Common mechanistic pathways in cancer and heart failure. A scientific roadmap on behalf of the <scp>Translational Research Committee</scp> of the <scp>Heart Failure Association</scp> (<scp>HFA</scp>) of the <scp>European Society of Cardiology</scp> (<scp>ESC</scp>). <i>European Journal of Heart Failure</i> , 2020, 22, 2272-2289.	7.1	92
59	Value of electrocardiographic algorithm based on ST-segment depression and downsloping of ST in assessment of a culprit artery in evolving inferior wall acute myocardial infarction. <i>American Journal of Cardiology</i> , 2004, 94, 709-714.	1.6	87
60	Soluble ST2 Serum Concentration and Renal Function in Heart Failure. <i>Journal of Cardiac Failure</i> , 2013, 19, 768-775.	1.7	87
61	The role and potential of umbilical cord blood in an era of new therapies: a review. <i>Stem Cell Research and Therapy</i> , 2015, 6, 123.	5.5	85
62	Effect of a Strategy of Comprehensive Vasodilation vs Usual Care on Mortality and Heart Failure Rehospitalization Among Patients With Acute Heart Failure. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2292.	7.4	85
63	New-onset atrial fibrillation after cavotricuspid isthmus ablation: identification of advanced interatrial block is key. <i>Europace</i> , 2015, 17, 1289-1293.	1.7	84
64	Unravelling the interplay between hyperkalaemia, renin-angiotensin-aldosterone inhibitor use and clinical outcomes. Data from 9222 chronic heart failure patients of the ESC-HFA-EORP Heart Failure Long-Term Registry. <i>European Journal of Heart Failure</i> , 2020, 22, 1378-1389.	7.1	83
65	Prognosis and NT-proBNP in heart failure patients with preserved versus reduced ejection fraction. <i>Heart</i> , 2019, 105, heartjnl-2018-314173.	2.9	81
66	Sex- and age-related differences in the management and outcomes of chronic heart failure: an analysis of patients from the ESC HFA EORP Heart Failure Long-Term Registry. <i>European Journal of Heart Failure</i> , 2020, 22, 92-102.	7.1	81
67	NT-ProBNP Reduction Percentage During Admission for Acutely Decompensated Heart Failure Predicts Long-Term Cardiovascular Mortality. <i>Journal of Cardiac Failure</i> , 2005, 11, S3-S8.	1.7	80
68	Vascular dysfunction in idiopathic dilated cardiomyopathy. <i>Nature Reviews Cardiology</i> , 2009, 6, 590-598.	13.7	79
69	Epigenetic Biomarkers in Cardiovascular Diseases. <i>Frontiers in Genetics</i> , 2019, 10, 950.	2.3	79
70	Identification of Male Cardiomyocytes of Extracardiac Origin in the Hearts of Women with Male Progeny: Male Fetal Cell Microchimerism of the Heart. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 2179-2183.	0.6	78
71	Effects of Adipose Tissue-Derived Stem Cell Therapy After Myocardial Infarction: Impact of the Route of Administration. <i>Journal of Cardiac Failure</i> , 2010, 16, 357-366.	1.7	77
72	Macrophages, myofibroblasts and neointimal hyperplasia after coronary artery injury and repair. <i>Atherosclerosis</i> , 2002, 163, 89-98.	0.8	76

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73	Negative Clinical Outcomes Associated With Drug-Related Problems in Heart Failure (HF) Outpatients: Impact of a Pharmacist in a Multidisciplinary HF Clinic. <i>Journal of Cardiac Failure</i> , 2011, 17, 217-223.	1.7	76
74	Usefulness of clinical and NT-proBNP monitoring for prognostic guidance in destabilized heart failure outpatients. <i>European Heart Journal</i> , 2008, 29, 1011-1018.	2.2	71
75	Advanced interatrial block predicts new-onset atrial fibrillation and ischemic stroke in patients with heart failure: The 'Bayes' Syndrome-HF study. <i>International Journal of Cardiology</i> , 2018, 271, 174-180.	1.7	71
76	Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells Promote Vascular Growth In Vivo. <i>PLoS ONE</i> , 2012, 7, e49447.	2.5	70
77	Circulating heart failure biomarkers beyond natriuretic peptides: review from the Biomarker Study Group of the Heart Failure Association (<sc>HFA</sc>), European Society of Cardiology (<sc>ESC</sc>). <i>European Journal of Heart Failure</i> , 2021, 23, 1610-1632.	7.1	69
78	Randomized comparison between the invasive and conservative strategies in comorbid elderly patients with non-ST elevation myocardial infarction. <i>European Journal of Internal Medicine</i> , 2016, 35, 89-94.	2.2	68
79	Unraveling the Molecular Mechanism of Action of Empagliflozin in Heart Failure With Reduced Ejection Fraction With or Without Diabetes. <i>JACC Basic To Translational Science</i> , 2019, 4, 831-840.	4.1	65
80	Adecuación en España a las recomendaciones terapéuticas de la Guía de la ESC sobre insuficiencia cardiaca: ESC Heart Failure Long-term Registry. <i>Revista Espanola De Cardiologia</i> , 2015, 68, 785-793.	1.2	64
81	Prognostic value of circulating microRNAs on heart failure-related morbidity and mortality in two large diverse cohorts of general heart failure patients. <i>European Journal of Heart Failure</i> , 2018, 20, 67-75.	7.1	63
82	Adenosine A2A receptors are expressed in human atrial myocytes and modulate spontaneous sarcoplasmic reticulum calcium release. <i>Cardiovascular Research</i> , 2006, 72, 292-302.	3.8	62
83	Depression, antidepressants, and long-term mortality in heart failure. <i>International Journal of Cardiology</i> , 2013, 167, 1217-1225.	1.7	62
84	Antigen carbohydrate 125 as a biomarker in heart failure: a narrative review. <i>European Journal of Heart Failure</i> , 2021, 23, 1445-1457.	7.1	60
85	Using ST2 in cardiovascular patients: a review. <i>Future Cardiology</i> , 2014, 10, 525-539.	1.2	59
86	Weight Loss in Obese Patients With Heart Failure. <i>Journal of the American Heart Association</i> , 2016, 5, e002468.	3.7	59
87	Practical data handling pipeline improves performance of qPCR-based circulating miRNA measurements. <i>Rna</i> , 2017, 23, 811-821.	3.5	58
88	CA125-Guided Diuretic Treatment Versus Usual Care in Patients With Acute Heart Failure and Renal Dysfunction. <i>American Journal of Medicine</i> , 2020, 133, 370-380.e4.	1.5	58
89	Noninvasive Imaging Estimation of Myocardial Iron Repletion Following Administration of Intravenous Iron: The Myocardial IRON Trial. <i>Journal of the American Heart Association</i> , 2020, 9, e014254.	3.7	58
90	Combined Use of the Novel Biomarkers High-Sensitivity Troponin T and ST2 for Heart Failure Risk Stratification vs Conventional Assessment. <i>Mayo Clinic Proceedings</i> , 2013, 88, 234-243.	3.0	57

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91	Clinical Role of CA125 in Worsening Heart Failure. <i>JACC: Heart Failure</i> , 2020, 8, 386-397.	4.1	57
92	Usefulness of Body Mass Index to Characterize Nutritional Status in Patients With Heart Failure. <i>American Journal of Cardiology</i> , 2011, 108, 1166-1170.	1.6	56
93	Statins in Heart Failure: The Paradox Between Large Randomized Clinical Trials and Real Life. <i>Mayo Clinic Proceedings</i> , 2012, 87, 555-560.	3.0	55
94	In vivo experience with natural scaffolds for myocardial infarction: the times they are a-changinâ€™. <i>Stem Cell Research and Therapy</i> , 2015, 6, 248.	5.5	55
95	Combined use of high-sensitivity cardiac troponin T and N-terminal pro-B type natriuretic peptide improves measurements of performance over established mortality risk factors in chronic heart failure. <i>American Heart Journal</i> , 2012, 163, 821-828.	2.7	54
96	Risk Stratification of Mortality in Patients With Heart Failure and Left Ventricular Ejection Fraction >35%. <i>American Journal of Cardiology</i> , 2009, 103, 1003-1010.	1.6	53
97	Hyponatremia, Natriuretic Peptides, and Outcomes in Acutely Decompensated Heart Failure. <i>Circulation: Heart Failure</i> , 2010, 3, 354-361.	3.9	53
98	Acute coronary syndrome and cocaine use: 8-year prevalence and in-hospital outcomes. <i>European Heart Journal</i> , 2011, 32, 1244-1250.	2.2	53
99	Differing prognostic value of pulse pressure in patients with heart failure with reduced or preserved ejection fraction: results from the MAGGIC individual patient meta-analysis. <i>European Heart Journal</i> , 2015, 36, 1106-1114.	2.2	53
100	ST2 and Patient Prognosis in Chronic Heart Failure. <i>American Journal of Cardiology</i> , 2015, 115, 64B-69B.	1.6	53
101	Heart Failure With Preserved Ejection Fraction Infrequently Evolves Toward a Reduced Phenotype in Long-Term Survivors. <i>Circulation: Heart Failure</i> , 2019, 12, e005652.	3.9	53
102	The ESC-EORP EURO-ENDO (European Infective Endocarditis) registry. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2019, 5, 202-207.	4.0	53
103	The obesity paradox in heart failure: Is etiology a key factor?. <i>International Journal of Cardiology</i> , 2013, 166, 601-605.	1.7	52
104	Renal function largely influences Galectin-3 prognostic value in heart failure. <i>International Journal of Cardiology</i> , 2014, 177, 171-177.	1.7	52
105	The Interleukin-1 Axis and Risk of Death in Patients With Acutely Decompensated Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1016-1025.	2.8	52
106	Host cell-derived cardiomyocytes in sex-mismatch cardiac allografts. <i>Cardiovascular Research</i> , 2002, 56, 404-410.	3.8	51
107	Idiopathic dilated cardiomyopathy exhibits defective vascularization and vessel formation. <i>European Journal of Heart Failure</i> , 2007, 9, 995-1002.	7.1	51
108	Predictive Value of Beat-to-Beat QT Variability Index Across the Continuum of Left Ventricular Dysfunction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 719-727.	4.8	51

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109	Impact of diabetes on the predictive value of heart failure biomarkers. <i>Cardiovascular Diabetology</i> , 2016, 15, 151.	6.8	51
110	Understanding Amino-Terminal Pro-B-Type Natriuretic Peptide in Obesity. <i>American Journal of Cardiology</i> , 2008, 101, S89-S94.	1.6	50
111	No benefit from the obesity paradox for diabetic patients with heart failure. <i>European Journal of Heart Failure</i> , 2016, 18, 851-858.	7.1	49
112	Long-term serial kinetics of N-terminal pro B-type natriuretic peptide and carbohydrate antigen 125 for mortality risk prediction following acute heart failure. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 685-696.	1.0	49
113	Mesenchymal stem cells for cardiac repair: are the actors ready for the clinical scenario?. <i>Stem Cell Research and Therapy</i> , 2017, 8, 238.	5.5	49
114	A bird's-eye view of cell therapy and tissue engineering for cardiac regeneration. <i>Annals of the New York Academy of Sciences</i> , 2012, 1254, 57-65.	3.8	48
115	New electrocardiographic score for the prediction of atrial fibrillation: The MVP ECG risk score (morphology-voltage-P-wave duration). <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12669.	1.1	48
116	Omics phenotyping in heart failure: the next frontier. <i>European Heart Journal</i> , 2020, 41, 3477-3484.	2.2	48
117	Advanced interatrial block and P-wave duration are associated with atrial fibrillation and stroke in older adults with heart disease: the BAYES registry. <i>Europace</i> , 2020, 22, 1001-1008.	1.7	48
118	FGF-4 increases <i>in vitro</i> expansion rate of human adult bone marrow-derived mesenchymal stem cells. <i>Growth Factors</i> , 2007, 25, 71-76.	1.7	47
119	Allogeneic adipose stem cell therapy in acute myocardial infarction. <i>European Journal of Clinical Investigation</i> , 2014, 44, 83-92.	3.4	47
120	The Dynamics of Cardiovascular Biomarkers in non-Elite Marathon Runners. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 206-208.	2.4	47
121	Trends in modes of death in heart failure over the last two decades: less sudden death but cancer deaths on the rise. <i>European Journal of Heart Failure</i> , 2019, 21, 1259-1266.	7.1	46
122	Ingeniería tisular cardiaca y corazón bioartificial. <i>Revista Española De Cardiología</i> , 2013, 66, 391-399.	1.2	45
123	Fragility is a key determinant of survival in heart failure patients. <i>International Journal of Cardiology</i> , 2014, 175, 62-66.	1.7	45
124	Head-to-head comparison of two engineered cardiac grafts for myocardial repair: From scaffold characterization to pre-clinical testing. <i>Scientific Reports</i> , 2018, 8, 6708.	3.3	45
125	Prognostic Value and Kinetics of Soluble Natriuretic Peptide in Acute Heart Failure. <i>JACC: Heart Failure</i> , 2015, 3, 641-644.	4.1	44
126	Sacubitril/valsartan and short-term changes in the 6-minute walk test: A pilot study. <i>International Journal of Cardiology</i> , 2018, 252, 136-139.	1.7	44



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127	Atypical advanced interatrial blocks: Definition and electrocardiographic recognition. <i>Journal of Electrocardiology</i> , 2018, 51, 1091-1093.	0.9	44
128	Magnetic Resonance Imaging-Guided Fibrosis Ablation for the Treatment of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008707.	4.8	44
129	Intracoronary Administration of Allogeneic Adipose Tissue-Derived Mesenchymal Stem Cells Improves Myocardial Perfusion But Not Left Ventricle Function, in a Translational Model of Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	43
130	Soluble ST2 for Prognosis and Monitoring in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2389-2392.	2.8	43
131	The PCSK9-LDL Receptor Axis and Outcomes in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2128-2136.	2.8	43
132	Left atrial enlargement and NT-proBNP as predictors of sudden cardiac death in patients with heart failure. <i>European Journal of Heart Failure</i> , 2007, 9, 802-807.	7.1	42
133	Quality of life monitoring in ambulatory heart failure patients: temporal changes and prognostic value. <i>European Journal of Heart Failure</i> , 2013, 15, 103-109.	7.1	42
134	Body mass index, body fat, and nutritional status of patients with heart failure: The PLICA study. <i>Clinical Nutrition</i> , 2015, 34, 1233-1238.	5.0	42
135	Exposure to cardiomyogenic stimuli fails to transdifferentiate human umbilical cord blood-derived mesenchymal stem cells. <i>Basic Research in Cardiology</i> , 2010, 105, 419-430.	5.9	41
136	Soluble ST2 Is a Marker for Acute Cardiac Allograft Rejection. <i>Annals of Thoracic Surgery</i> , 2011, 92, 2118-2124.	1.3	41
137	Neoinnervation and neovascularization of acellular pericardial-derived scaffolds in myocardial infarcts. <i>Stem Cell Research and Therapy</i> , 2015, 6, 108.	5.5	41
138	Early ST elevation myocardial infarction in non-capable percutaneous coronary intervention centres: in situ fibrinolysis vs. percutaneous coronary intervention transfer. <i>European Heart Journal</i> , 2016, 37, 1034-1040.	2.2	41
139	Clinical characteristics, one-year change in ejection fraction and long-term outcomes in patients with heart failure with mid-range ejection fraction: a multicentre prospective observational study in Catalonia (Spain). <i>BMJ Open</i> , 2017, 7, e018719.	1.9	40
140	Relative Efficacy of Sacubitril-Valsartan, Vericiguat, and SGLT2 Inhibitors in Heart Failure with Reduced Ejection Fraction: a Systematic Review and Network Meta-Analysis. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 1067-1076.	2.6	40
141	Clinical Risk Prediction in Patients With Left Ventricular Myocardial Noncompaction. <i>Journal of the American College of Cardiology</i> , 2021, 78, 643-662.	2.8	40
142	Local administration of porcine immunomodulatory, chemotactic and angiogenic extracellular vesicles using engineered cardiac scaffolds for myocardial infarction. <i>Bioactive Materials</i> , 2021, 6, 3314-3327.	15.6	40
143	Prognostic Value of QT/RR Slope in Predicting Mortality in Patients with Congestive Heart Failure. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 1066-1072.	1.7	39
144	Cardiac Tissue Engineering and the Bioartificial Heart. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013, 66, 391-399.	0.6	39

#	ARTICLE	IF	CITATIONS
145	Postinfarction Functional Recovery Driven by a Three-Dimensional Engineered Fibrin Patch Composed of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells. <i>Stem Cells Translational Medicine</i> , 2015, 4, 956-966.	3.3	39
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