

Jaume Agüero

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,663
citations

172386

29
h-index

138417

58
g-index

111
all docs

111
docs citations

111
times ranked

5621
citing authors

#	ARTICLE	IF	CITATIONS
1	Endobronchial Aerosolized AAV1.SERCA2a Gene Therapy in a Pulmonary Hypertension Pig Model: Addressing the Lung Delivery Bottleneck. <i>Human Gene Therapy</i> , 2022, 33, 550-559.	1.4	4
2	A Critical Appraisal of Absolute Left Ventricular Dimension Thresholds for Intervention in Primary Mitral Regurgitation from a Worldwide Population Perspective. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 205-206.	1.2	1
3	Variations in T2-Mapping-Assessed Area at Risk After Experimental Ischemia/Reperfusion. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 1040-1042.	1.1	2
4	Proceduralâ€related coronary atrial branch occlusion during primary percutaneous coronary intervention for STâ€segment elevation myocardial infarction and atrial arrhythmias at followâ€up. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 686-693.	0.7	3
5	Quantitative Transthoracic Echocardiography of the Response to Dobutamine in Cardiac Surgery Patients With Low Cardiac Output Syndrome. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 87-96.	0.6	7
6	R2 prime (R2â€) magnetic resonance imaging for post-myocardial infarction intramyocardial haemorrhage quantification. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1031-1038.	0.5	4
7	Echocardiographic Left Ventricular Mass Estimation: Two-Dimensional Area-Length Method is Superior to M-Mode Linear Method in Swine Models of Cardiac Diseases. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 648-658.	1.1	4
8	Changes in Adrenoceptor and GRK Expression in Patients With Chronic Pulmonary Regurgitation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 569-576.	0.4	1
9	Î²2-Adrenoceptors and GRK2 as Potential Biomarkers in Patients With Chronic Pulmonary Regurgitation. <i>Frontiers in Pharmacology</i> , 2019, 10, 93.	1.6	2
10	Serial Magnetic Resonance Imaging to Identify Early Stages of Anthracycline-Induced Cardiotoxicity. <i>Journal of the American College of Cardiology</i> , 2019, 73, 779-791.	1.2	174
11	Sequential Bone-Marrow Cell Delivery of VEGFA/S1P Improves Vascularization and Limits Adverse Cardiac Remodeling After Myocardial Infarction in Mice. <i>Human Gene Therapy</i> , 2019, 30, 893-905.	1.4	8
12	Left Ventricular Unloading Using an Impella CP Improves Coronary Flow and Infarct Zone Perfusion in Ischemic Heart Failure. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	65
13	Deciphering microvascular changes after myocardial infarction through 3D fully automated image analysis. <i>Scientific Reports</i> , 2018, 8, 1854.	1.6	15
14	Reduced longitudinal contraction is associated with ischemic mitral regurgitation after posterior MI. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H322-H329.	1.5	6
15	Noninvasive Liver Assessment in Adult Patients With Fontan Circulation Using Acoustic Radiation Force Impulse Elastography and Hepatic Magnetic Resonance Imaging. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 22-30.	0.3	10
16	Primary Effect of SERCA2a Gene Transfer on Conduction Reserve in Chronic Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2018, 7, e009598.	1.6	16
17	Chronic Pulmonary Artery Embolization Models in Large Animals. <i>Methods in Molecular Biology</i> , 2018, 1816, 353-366.	0.4	1
18	Modeling Pulmonary Hypertension: A Pig Model of Postcapillary Pulmonary Hypertension. <i>Methods in Molecular Biology</i> , 2018, 1816, 367-383.	0.4	6

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19	Safety and long-term efficacy of AAV1.SERCA2a using nebulizer delivery in a pig model of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-4.	0.8	18
20	Bloodless reperfusion with the oxygen carrier HBOC-201 in acute myocardial infarction: a novel platform for cardioprotective probes delivery. <i>Basic Research in Cardiology</i> , 2017, 112, 17.	2.5	30
21	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, .	1.6	43
22	Inhaled Gene Transfer for Pulmonary Circulation. <i>Methods in Molecular Biology</i> , 2017, 1521, 339-349.	0.4	7
23	Effect of Ischemia Duration and Protective Interventions on the Temporal Dynamics of Tissue Composition After Myocardial Infarction. <i>Circulation Research</i> , 2017, 121, 439-450.	2.0	62
24	Activation of α_1 -adrenoceptors desensitizes the rat aorta response to phenylephrine through a neuronal NOS pathway, a mechanism lost with ageing. <i>British Journal of Pharmacology</i> , 2017, 174, 2015-2030.	2.7	12
25	Proteomic footprint of myocardial ischemia/reperfusion injury: Longitudinal study of the at-risk and remote regions in the pig model. <i>Scientific Reports</i> , 2017, 7, 12343.	1.6	37
26	Dynamic Edematous Response of the Human Heart to Myocardial Infarction. <i>Circulation</i> , 2017, 136, 1288-1300.	1.6	107
27	Increased Afterload Following Myocardial Infarction Promotes Conduction-Dependent Arrhythmias That Are Unmasked by Hypokalemia. <i>JACC Basic To Translational Science</i> , 2017, 2, 258-269.	1.9	15
28	Atrial Infarction and Ischemic Mitral Regurgitation Contribute to Post-MI Remodeling of the Left Atrium. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2878-2889.	1.2	30
29	Route TESI. <i>Circulation Research</i> , 2017, 120, 1055-1056.	2.0	2
30	Impact of the Timing of Metoprolol Administration During STEMI on Infarct Size and Ventricular Function. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2093-2104.	1.2	84
31	Intratracheal Gene Delivery of SERCA2a Ameliorates Chronic Post-Capillary Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2032-2046.	1.2	62
32	Left ventricular ejection fraction recovery in patients with heart failure treated with intravenous iron: a pilot study. <i>ESC Heart Failure</i> , 2016, 3, 293-298.	1.4	45
33	Beta-3 adrenergic agonists reduce pulmonary vascular resistance and improve right ventricular performance in a porcine model of chronic pulmonary hypertension. <i>Basic Research in Cardiology</i> , 2016, 111, 49.	2.5	36
34	Systolic flow displacement using 3D magnetic resonance imaging in an experimental model of ascending aorta aneurysm: impact of rheological factors. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 685-692.	0.6	6
35	Fast T2 gradient-spin-echo (T2-GraSE) mapping for myocardial edema quantification: first in vivo validation in a porcine model of ischemia/reperfusion. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 92.	1.6	68
36	β_2 - and β_1 -Adrenoceptor Expression Exhibits a Common Regulatory Pattern With GRK2 and GRK5 in Human and Animal Models of Cardiovascular Diseases. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 478-486.	0.8	12

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37	Association of Myocardial T1-Mapping CMR With Hemodynamics and RV Performance in Pulmonary Hypertension. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 76-82.	2.3	71
38	Reply to "Letter to the editor: Characterizing preclinical model of ischemic heart failure: difference between LAD and LCx infarctions". <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H365-H366.	1.5	1
39	Pathophysiology Underlying the Bimodal Edema Phenomenon After Myocardial Ischemia/Reperfusion. <i>Journal of the American College of Cardiology</i> , 2015, 66, 816-828.	1.2	123
40	Increased Stiffness Is the Major Early Abnormality in a Pig Model of Severe Aortic Stenosis and Predisposes to Congestive Heart Failure in the Absence of Systolic Dysfunction. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	49
41	Stem Cell Factor Gene Transfer Improves Cardiac Function After Myocardial Infarction in Swine. <i>Circulation: Heart Failure</i> , 2015, 8, 167-174.	1.6	33
42	Myocardial Edema After Ischemia/Reperfusion Is Not Stable and Follows Bimodal Pattern. <i>Journal of the American College of Cardiology</i> , 2015, 65, 315-323.	1.2	185
43	Combination Proximal Pulmonary Artery Coiling and Distal Embolization Induces Chronic Elevations in Pulmonary Artery Pressure in Swine. <i>PLoS ONE</i> , 2015, 10, e0124526.	1.1	15
44	Characterizing preclinical models of ischemic heart failure: differences between LAD and LCx infarctions. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1478-H1486.	1.5	43
45	Characterization of right ventricular remodeling and failure in a chronic pulmonary hypertension model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1204-H1215.	1.5	82
46	Cardiac I-1c Overexpression With Reengineered AAV Improves Cardiac Function in Swine Ischemic Heart Failure. <i>Molecular Therapy</i> , 2014, 22, 2038-2045.	3.7	70
47	Swine Model of Chronic Postcapillary Pulmonary Hypertension with Right Ventricular Remodeling: Long-Term Characterization by Cardiac Catheterization, Magnetic Resonance, and Pathology. <i>Journal of Cardiovascular Translational Research</i> , 2014, 7, 494-506.	1.1	34
48	Percutaneous Approaches for Efficient Cardiac Gene Delivery. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 649-659.	1.1	28
49	<i>SUMO-1</i> Gene Transfer Improves Cardiac Function in a Large-Animal Model of Heart Failure. <i>Science Translational Medicine</i> , 2013, 5, 211ra159.	5.8	96
50	Myocardial and lymphocytic expression of eNOS and nNOS before and after heart transplantation: Relationship to clinical status. <i>Life Sciences</i> , 2013, 93, 108-115.	2.0	5
51	Differential clinical characteristics and prognosis of intraventricular conduction defects in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 877-884.	2.9	27
52	EUR Observational Research Programme: regional differences and 1-year follow-up results of the Heart Failure Pilot Survey (ESC-HF Pilot). <i>European Journal of Heart Failure</i> , 2013, 15, 808-817.	2.9	645
53	Therapeutic Efficacy of AAV1.SERCA2a in Monocrotaline-Induced Pulmonary Arterial Hypertension. <i>Circulation</i> , 2013, 128, 512-523.	1.6	97
54	Different expression of adrenoceptors and GRKs in the human myocardium depends on heart failure etiology and correlates to clinical variables. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H368-H376.	1.5	46

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55	Assessing left ventricular systolic dysfunction after myocardial infarction: are ejection fraction and dP/dt_{max} complementary or redundant?. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1423-H1428.	1.5	49
56	Influence of Metabolic Syndrome on Development of Cardiac Allograft Vasculopathy in the Transplanted Heart. Transplantation, 2012, 93, 106-111.	0.5	20
57	Myocardial G Protein Receptor-Coupled Kinase Expression Correlates With Functional Parameters and Clinical Severity in Advanced Heart Failure. Journal of Cardiac Failure, 2012, 18, 53-61.	0.7	40
58	Cardiac gene therapy in large animals: bridge from bench to bedside. Gene Therapy, 2012, 19, 670-677.	2.3	29
59	Corrigendum to "Inflammatory markers in stable heart failure and their relationship with functional class" Int J Cardiol 129 (2008) 388-393. International Journal of Cardiology, 2011, 146, 484.	0.8	0
60	Relationship Between Functional Capacity and Quality of Life in Heart Transplant Patients. Transplantation Proceedings, 2011, 43, 2251-2252.	0.3	16
61	A prospective randomized study comparing cyclosporine versus tacrolimus combined with daclizumab, mycophenolate mofetil, and steroids in heart transplantation. Clinical Transplantation, 2011, 25, 606-613.	0.8	15
62	EUR-Observational Research Programme: The Heart Failure Pilot Survey (ESC-HF Pilot). European Journal of Heart Failure, 2010, 12, 1076-1084.	2.9	340
63	Post-Heart Transplant Tumors: Chronology and Impact on Survival. Transplantation Proceedings, 2010, 42, 3201-3203.	0.3	7
64	Can We Accept Donors Who Have Suffered a Resuscitated Cardiac Arrest?. Transplantation Proceedings, 2010, 42, 3091-3092.	0.3	11
65	Preliminary Results of a Prospective Randomized Study of Cyclosporine Versus Tacrolimus in the Development of Cardiac Allograft Vasculopathy at 1 Year After Heart Transplantation. Transplantation Proceedings, 2010, 42, 3199-3200.	0.3	8
66	Clinical Predictors of Immunotolerance in Heart Transplantation. Transplantation Proceedings, 2010, 42, 3183-3185.	0.3	0
67	Lymphomas in Heart Transplant Recipients: Do Antivirals Protect Against the Neoplastic Effect of Anti-CD3 Monoclonal Antibody?. Transplantation Proceedings, 2010, 42, 3206-3207.	0.3	1
68	Valor pronóstico de la tasa de filtración glomerular al \pm del trasplante cardiaco. Revista Espanola De Cardiologia, 2010, 63, 564-570.	0.6	7
69	What is the best biomarker for diagnosis of rejection in heart transplantation?. Clinical Transplantation, 2009, 23, 672-680.	0.8	28
70	Myocardial and Peripheral Lymphocytic Transcriptomic Dissociation of β_2 -adrenoceptors and G Protein-coupled Receptor Kinases in Heart Transplantation. Journal of Heart and Lung Transplantation, 2009, 28, 1166-1171.	0.3	10
71	Progression of Renal Dysfunction in Cardiac Transplantation After the Introduction of Everolimus in the Immunosuppressive Regime. Transplantation, 2009, 87, 538-541.	0.5	22
72	Predictor factors for the development of arterial hypertension following heart transplantation. Clinical Transplantation, 2008, 22, 760-764.	0.8	11

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73	Infiltración miocárdica tras exéresis de schwannoma melanótico pulmonar. Revista Espanola De Cardiologia, 2008, 61, 194-195.	0.6	0
74	Prognostic Relationship Between Two Serial Determinations of B-type Natriuretic Peptide and Medium-term Events in Heart Transplantation. Journal of Heart and Lung Transplantation, 2008, 27, 735-740.	0.3	11
75	Follow-up Study on the Utility of von Willebrand Factor Levels in the Diagnosis of Cardiac Allograft Vasculopathy. Journal of Heart and Lung Transplantation, 2008, 27, 760-766.	0.3	23
76	Inflammatory markers in stable heart failure and their relationship with functional class. International Journal of Cardiology, 2008, 129, 388-393.	0.8	30
77	Support Program for Heart Transplant Patients: Initial Experience. Transplantation Proceedings, 2008, 40, 3039-3040.	0.3	4
78	Randomized Prospective Study of the Evolution of Renal Function Depending on the Anticalcineurin Used. Transplantation Proceedings, 2008, 40, 2906-2908.	0.3	1
79	Clinical Variables Associated With the Presence of Inflammatory Infiltrates in Patients With Dilated Cardiomyopathy Undergoing Heart Transplantation. Transplantation Proceedings, 2008, 40, 3017-3019.	0.3	9
80	Correlation Between Beta-Adrenoceptors and G-Protein-Coupled Receptor Kinases in Pretransplantation Heart Failure. Transplantation Proceedings, 2008, 40, 3014-3016.	0.3	11
81	Differences in Early Postoperative Complications in Elective and Emergency Heart Transplantation. Transplantation Proceedings, 2008, 40, 3041-3043.	0.3	11
82	Tolerance Profile of the Proliferation Signal Inhibitors Everolimus and Sirolimus in Heart Transplantation. Transplantation Proceedings, 2008, 40, 3034-3036.	0.3	30
83	Utility of Oral Valganciclovir for Cytomegalovirus Prophylaxis: Does It Improve Treatment Compliance?. Transplantation Proceedings, 2008, 40, 3063-3064.	0.3	4
84	Long-Term Immunosuppressive Therapy in Recurrent Giant Cell Myocarditis in the Transplanted Heart: A Case Report. Transplantation Proceedings, 2007, 39, 1718-1719.	0.3	2
85	Ezetimibe in Heart Transplantation: Initial Experience. Transplantation Proceedings, 2007, 39, 2389-2392.	0.3	12
86	Mortality After Heart-Lung Transplantation Experience in a Reference Center. Transplantation Proceedings, 2007, 39, 2360-2361.	0.3	4
87	Mortality After Heart Transplantation in Adults With Congenital Heart Disease: A Single-Center Experience. Transplantation Proceedings, 2007, 39, 2357-2359.	0.3	23
88	mTOR Inhibitors and Their Secondary Effects in Cardiac Trasplant Recipients: A Descriptive Study. Transplantation Proceedings, 2007, 39, 2365-2367.	0.3	15
89	Clinical and Hemodynamic Profile of Patients With Advanced Heart Failure Considered for Heart Transplantation. Transplantation Proceedings, 2007, 39, 2341-2343.	0.3	8
90	mTOR Inhibitors: Do They Help Preserve Renal Function?. Transplantation Proceedings, 2007, 39, 2135-2137.	0.3	27

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91	Impact of Smoking on Survival After Heart Transplantation. Transplantation Proceedings, 2007, 39, 2377-2378.	0.3	23
92	Differences in Clinical Profile and Survival After Heart Transplantation According to Prior Heart Disease. Transplantation Proceedings, 2007, 39, 2350-2352.	0.3	11
93	Analysis of the Impact of Donor Gender on Early Mortality. Transplantation Proceedings, 2007, 39, 2375-2376.	0.3	23
94	Course of Patients With Chronic Hepatitis C Virus Infection Undergoing Heart Transplantation. Transplantation Proceedings, 2007, 39, 2353-2354.	0.3	16
95	Prognostic Value of Brain Natriuretic Peptide in Heart Transplant Patients. Journal of Heart and Lung Transplantation, 2007, 26, 986-991.	0.3	24
96	Miocarditis de células gigantes y displasia arritmogénica ventricular derecha. Revista Espanola De Cardiologia, 2007, 60, 782-784.	0.6	2
97	Influence of immunosuppressive regimens on short-term morbidity and mortality in heart transplantation. Clinical Transplantation, 2007, 22, 070806210014002-???	0.8	8
98	Does Amiodarone Influence Early Mortality in Heart Transplantation?. Transplantation Proceedings, 2006, 38, 2537-2538.	0.3	15
99	Evolutional Changes in Maintenance Immunosuppression Following Heart Transplantation. Transplantation Proceedings, 2006, 38, 2553-2554.	0.3	4
100	Induction Therapy With Daclizumab in Heart Transplantation—How Many Doses?. Transplantation Proceedings, 2006, 38, 2541-2543.	0.3	14
101	Do Cardiovascular Risk Factors Influence Cardiac Allograft Vasculopathy?. Transplantation Proceedings, 2006, 38, 2572-2574.	0.3	10
102	Influence of Immunosuppression Regimen on Heart Transplantation Survival. Transplantation Proceedings, 2006, 38, 2550-2552.	0.3	11
103	Variations in the Frequency and Type of Infections in Heart Transplantation According to the Immunosuppression Regimen. Transplantation Proceedings, 2006, 38, 2558-2559.	0.3	6