

J Luis Guerrero

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42

papers

2,742

citations

27

h-index

42

g-index

42

ext. papers

3,236

ext. citations

10.9

avg, IF

3.99

L-index

#	Paper	IF	Citations
42	Insights from three-dimensional echocardiography into the mechanism of functional mitral regurgitation: direct in vivo demonstration of altered leaflet tethering geometry. <i>Circulation</i> , 1997 , 96, 1999-2008	16.7	387
41	Chordal cutting: a new therapeutic approach for ischemic mitral regurgitation. <i>Circulation</i> , 2001 , 104, 1958-63	16.7	231
40	Active adaptation of the tethered mitral valve: insights into a compensatory mechanism for functional mitral regurgitation. <i>Circulation</i> , 2009 , 120, 334-42	16.7	198
39	Mitral leaflet adaptation to ventricular remodeling: occurrence and adequacy in patients with functional mitral regurgitation. <i>Circulation</i> , 2008 , 118, 845-52	16.7	190
38	Design of a new surgical approach for ventricular remodeling to relieve ischemic mitral regurgitation: insights from 3-dimensional echocardiography. <i>Circulation</i> , 2000 , 101, 2756-63	16.7	185
37	Abrogation of ventricular arrhythmias in a model of ischemia and reperfusion by targeting myocardial calcium cycling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 5622-7	11.5	174
36	Regulation of cardiac hypertrophy in vivo by the stress-activated protein kinases/c-Jun NH(2)-terminal kinases. <i>Journal of Clinical Investigation</i> , 1999 , 104, 391-8	15.9	141
35	Reverse ventricular remodeling reduces ischemic mitral regurgitation: echo-guided device application in the beating heart. <i>Circulation</i> , 2002 , 106, 2594-600	16.7	128
34	Paradoxical decrease in ischemic mitral regurgitation with papillary muscle dysfunction: insights from three-dimensional and contrast echocardiography with strain rate measurement. <i>Circulation</i> , 2001 , 104, 1952-7	16.7	93
33	Mitral leaflet adaptation to ventricular remodeling: prospective changes in a model of ischemic mitral regurgitation. <i>Circulation</i> , 2009 , 120, S99-103	16.7	88
32	Deletion of cytosolic phospholipase A2 promotes striated muscle growth. <i>Nature Medicine</i> , 2003 , 9, 944-50	50.5	76
31	Mechanistic insights into functional mitral regurgitation. <i>Current Cardiology Reports</i> , 2002 , 4, 125-9	4.2	72
30	Efficacy of chordal cutting to relieve chronic persistent ischemic mitral regurgitation. <i>Circulation</i> , 2003 , 108 Suppl 1, II111-5	16.7	65
29	Mitral regurgitation augments post-myocardial infarction remodeling failure of hypertrophic compensation. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 476-86	15.1	60
28	Myocardial Infarction Alters Adaptation of the Tethered Mitral Valve. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 275-87	15.1	55
27	Effect of Losartan on Mitral Valve Changes After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1232-1244	15.1	55
26	Gene delivery of sarcoplasmic reticulum calcium ATPase inhibits ventricular remodeling in ischemic mitral regurgitation. <i>Circulation: Heart Failure</i> , 2010 , 3, 627-34	7.6	54

25	Contribution of the interventricular septum to maximal right ventricular function. <i>European Journal of Cardio-thoracic Surgery</i> , 1998 , 14, 250-5	3	48
24	Early repair of moderate ischemic mitral regurgitation reverses left ventricular remodeling: a functional and molecular study. <i>Circulation</i> , 2007 , 116, 1288-93	16.7	45
23	CD45 Expression in Mitral Valve Endothelial Cells After Myocardial Infarction. <i>Circulation Research</i> , 2016 , 119, 1215-1225	15.7	43
22	Evaluation of (4-[¹⁸ F]Fluorophenyl)triphenylphosphonium ion. A potential myocardial blood flow agent for PET. <i>Molecular Imaging and Biology</i> , 2011 , 13, 511-517	3.8	42
21	Chordal cutting does not adversely affect left ventricle contractile function. <i>Circulation</i> , 2006 , 114, 1524-86.7	16.7	39
20	Persistent reduction of ischemic mitral regurgitation by papillary muscle repositioning: structural stabilization of the papillary muscle-ventricular wall complex. <i>Circulation</i> , 2007 , 116, 1259-63	16.7	34
19	Late repair of ischemic mitral regurgitation does not prevent left ventricular remodeling: importance of timing for beneficial repair. <i>Circulation</i> , 2013 , 128, S248-52	16.7	31
18	The power-velocity integral at the vena contracta: A new method for direct quantification of regurgitant volume flow. <i>Circulation</i> , 2000 , 102, 1053-61	16.7	31
17	Mitral regurgitation after anteroapical myocardial infarction: new mechanistic insights. <i>Circulation</i> , 2011 , 123, 1529-36	16.7	28
16	A novel approach for reducing ischemic mitral regurgitation by injection of a polymer to reverse remodel and reposition displaced papillary muscles. <i>Circulation</i> , 2008 , 118, S263-9	16.7	28
15	Mitral Leaflet Changes Following Myocardial Infarction: Clinical Evidence for Maladaptive Valvular Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	24
14	Role of LA shape in predicting embolic cerebrovascular events in mitral stenosis: mechanistic insights from 3D echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 453-61	8.4	18
13	Attenuated Mitral Leaflet Enlargement Contributes to Functional Mitral Regurgitation After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 395-405	15.1	16
12	Polymer injection therapy to reverse remodel the papillary muscles: efficacy in reducing mitral regurgitation in a chronic ischemic model. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 499-505	6	14
11	Everolimus-eluting stents stabilize plaque inflammation in vivo: assessment by intravascular fluorescence molecular imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 510-518	4.1	12
10	Effects of neuregulin GGF2 (cimaglermin alfa) dose and treatment frequency on left ventricular function in rats following myocardial infarction. <i>European Journal of Pharmacology</i> , 2017 , 796, 76-89	5.3	10
9	Persistence of mitral regurgitation following ring annuloplasty: is the papillary muscle outside or inside the ring?. <i>Journal of Heart Valve Disease</i> , 2012 , 21, 218-24		9
8	Efficacy of polymer injection for ischemic mitral regurgitation: persistent reduction of mitral regurgitation and attenuation of left ventricular remodeling. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 355-363	5	7

7	Natural IgM Blockade Limits Infarct Expansion and Left Ventricular Dysfunction in a Swine Myocardial Infarct Model. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e002547	6	3
6	Preclinical Validation of a Single-Scan Rest/Stress Imaging Technique for N-Ammonia Positron Emission Tomography Cardiac Perfusion Studies. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e009407	3.9	2
5	Ovine Model of Ischemic Mitral Regurgitation. <i>Methods in Molecular Biology</i> , 2018 , 1816, 295-308	1.4	2
4	In-vivo mechanical characterization of coronary atherosclerotic plaques in living swine using intravascular laser speckle imaging. <i>Biomedical Optics Express</i> , 2021 , 12, 2064-2078	3.5	2
3	Application of polymer-mesh device to remodel left ventricular-mitral valve apparatus in ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 1485-1493	1.5	1
2	PET imaging of mitochondrial function in acute doxorubicin-induced cardiotoxicity: a proof-of-principle study.. <i>Scientific Reports</i> , 2022 , 12, 6122	4.9	1
1	Wnt Site Signaling Inhibitor Secreted Frizzled-Related Protein 3 Protects Mitral Valve Endothelium From Myocardial Infarction-Induced Endothelial-to-Mesenchymal Transition.. <i>Journal of the American Heart Association</i> , 2022 , e023695	6	0