

# J Luis Guerrero

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , e023695	6	0
41	PET imaging of mitochondrial function in acute doxorubicin-induced cardiotoxicity: a proof-of-principle study.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6122	4.9	1
40	In-vivo mechanical characterization of coronary atherosclerotic plaques in living swine using intravascular laser speckle imaging. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 2064-2078	3.5	2
39	Preclinical Validation of a Single-Scan Rest/Stress Imaging Technique for N-Ammonia Positron Emission Tomography Cardiac Perfusion Studies. <i>Circulation: Cardiovascular Imaging</i> , <b>2020</b> , 13, e009407	3.9	2
38	Attenuated Mitral Leaflet Enlargement Contributes to Functional Mitral Regurgitation After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 395-405	15.1	16
37	Ovine Model of Ischemic Mitral Regurgitation. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1816, 295-308	1.4	2
36	Application of polymer-mesh device to remodel left ventricular-mitral valve apparatus in ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 1485-1493	1.5	1
35	Everolimus-eluting stents stabilize plaque inflammation in vivo: assessment by intravascular fluorescence molecular imaging. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 510-518	4.1	12
34	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> , <b>2017</b> , 796, 76-89	5.3	10
33	Mitral Leaflet Changes Following Myocardial Infarction: Clinical Evidence for Maladaptive Valvular Remodeling. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	24
32	Effect of Losartan on Mitral Valve Changes After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1232-1244	15.1	55
31	Myocardial Infarction Alters Adaptation of the Tethered Mitral Valve. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 275-87	15.1	55
30	Natural IgM Blockade Limits Infarct Expansion and Left Ventricular Dysfunction in a Swine Myocardial Infarct Model. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9, e002547	6	3
29	CD45 Expression in Mitral Valve Endothelial Cells After Myocardial Infarction. <i>Circulation Research</i> , <b>2016</b> , 119, 1215-1225	15.7	43
28	Efficacy of polymer injection for ischemic mitral regurgitation: persistent reduction of mitral regurgitation and attenuation of left ventricular remodeling. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 355-363	5	7
27	Role of LA shape in predicting embolic cerebrovascular events in mitral stenosis: mechanistic insights from 3D echocardiography. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 453-61	8.4	18
26	Late repair of ischemic mitral regurgitation does not prevent left ventricular remodeling: importance of timing for beneficial repair. <i>Circulation</i> , <b>2013</b> , 128, S248-52	16.7	31

25	Persistence of mitral regurgitation following ring annuloplasty: is the papillary muscle outside or inside the ring?. <i>Journal of Heart Valve Disease</i> , <b>2012</b> , 21, 218-24		9
24	Evaluation of (4-[18F]Fluorophenyl)triphenylphosphonium ion. A potential myocardial blood flow agent for PET. <i>Molecular Imaging and Biology</i> , <b>2011</b> , 13, 511-517	3.8	42
23	Mitral regurgitation after anteroapical myocardial infarction: new mechanistic insights. <i>Circulation</i> , <b>2011</b> , 123, 1529-36	16.7	28
22	Polymer injection therapy to reverse remodel the papillary muscles: efficacy in reducing mitral regurgitation in a chronic ischemic model. <i>Circulation: Cardiovascular Interventions</i> , <b>2010</b> , 3, 499-505	6	14
21	Gene delivery of sarcoplasmic reticulum calcium ATPase inhibits ventricular remodeling in ischemic mitral regurgitation. <i>Circulation: Heart Failure</i> , <b>2010</b> , 3, 627-34	7.6	54
20	Active adaptation of the tethered mitral valve: insights into a compensatory mechanism for functional mitral regurgitation. <i>Circulation</i> , <b>2009</b> , 120, 334-42	16.7	198
19	Mitral leaflet adaptation to ventricular remodeling: prospective changes in a model of ischemic mitral regurgitation. <i>Circulation</i> , <b>2009</b> , 120, S99-103	16.7	88
18	Mitral regurgitation augments post-myocardial infarction remodeling failure of hypertrophic compensation. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 51, 476-86	15.1	60
17	Mitral leaflet adaptation to ventricular remodeling: occurrence and adequacy in patients with functional mitral regurgitation. <i>Circulation</i> , <b>2008</b> , 118, 845-52	16.7	190
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> , <b>2008</b> , 118, S263-9	16.7	28
15	Early repair of moderate ischemic mitral regurgitation reverses left ventricular remodeling: a functional and molecular study. <i>Circulation</i> , <b>2007</b> , 116, 1288-93	16.7	45
14	Persistent reduction of ischemic mitral regurgitation by papillary muscle repositioning: structural stabilization of the papillary muscle-ventricular wall complex. <i>Circulation</i> , <b>2007</b> , 116, 1259-63	16.7	34
13	Chordal cutting does not adversely affect left ventricle contractile function. <i>Circulation</i> , <b>2006</b> , 114, 1524-8	16.7	39
12	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> , <b>2004</b> , 101, 5622-7	11.5	174
11	Deletion of cytosolic phospholipase A2 promotes striated muscle growth. <i>Nature Medicine</i> , <b>2003</b> , 9, 944-51	11.5	76
10	Efficacy of chordal cutting to relieve chronic persistent ischemic mitral regurgitation. <i>Circulation</i> , <b>2003</b> , 108 Suppl 1, II111-5	16.7	65
9	Mechanistic insights into functional mitral regurgitation. <i>Current Cardiology Reports</i> , <b>2002</b> , 4, 125-9	4.2	72
8	Reverse ventricular remodeling reduces ischemic mitral regurgitation: echo-guided device application in the beating heart. <i>Circulation</i> , <b>2002</b> , 106, 2594-600	16.7	128

7	Chordal cutting: a new therapeutic approach for ischemic mitral regurgitation. <i>Circulation</i> , <b>2001</b> , 104, 1958-63	16.7	231
6	Paradoxic decrease in ischemic mitral regurgitation with papillary muscle dysfunction: insights from three-dimensional and contrast echocardiography with strain rate measurement. <i>Circulation</i> , <b>2001</b> , 104, 1952-7	16.7	93
5	The power-velocity integral at the vena contracta: A new method for direct quantification of regurgitant volume flow. <i>Circulation</i> , <b>2000</b> , 102, 1053-61	16.7	31
4	Design of a new surgical approach for ventricular remodeling to relieve ischemic mitral regurgitation: insights from 3-dimensional echocardiography. <i>Circulation</i> , <b>2000</b> , 101, 2756-63	16.7	185
3	Regulation of cardiac hypertrophy in vivo by the stress-activated protein kinases/c-Jun NH(2)-terminal kinases. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 391-8	15.9	141
2	Contribution of the interventricular septum to maximal right ventricular function. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1998</b> , 14, 250-5	3	48
1	Insights from three-dimensional echocardiography into the mechanism of functional mitral regurgitation: direct in vivo demonstration of altered leaflet tethering geometry. <i>Circulation</i> , <b>1997</b> , 96, 1999-2008	16.7	387