

Raquel Yotti

List of Publications by Year in descending order

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73
papers

4,015
citations

201674
27
h-index

128289
60
g-index

81
all docs

81
docs citations

81
times ranked

8119
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study. <i>Lancet, The</i> , 2020, 396, 535-544.	13.7	1,465
2	Two-Dimensional Intraventricular Flow Mapping by Digital Processing Conventional Color-Doppler Echocardiography Images. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1701-1713.	8.9	177
3	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
4	Infection fatality risk for SARS-CoV-2 in community dwelling population of Spain: nationwide seroepidemiological study. <i>BMJ, The</i> , 2020, 371, m4509.	6.0	150
5	Acellular human heart matrix: A critical step toward whole heart grafts. <i>Biomaterials</i> , 2015, 61, 279-289.	11.4	149
6	A Noninvasive Method for Assessing Impaired Diastolic Suction in Patients With Dilated Cardiomyopathy. <i>Circulation</i> , 2005, 112, 2921-2929.	1.6	130
7	Advances in the Genetic Basis and Pathogenesis of Sarcomere Cardiomyopathies. <i>Annual Review of Genomics and Human Genetics</i> , 2019, 20, 129-153.	6.2	108
8	Contribution of the Diastolic Vortex Ring to Left Ventricular Filling. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1711-1721.	2.8	102
9	Systemic Vascular Load in Calcific Degenerative Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2015, 65, 423-433.	2.8	102
10	The heart in liver transplantation. <i>Journal of Hepatology</i> , 2011, 54, 810-822.	3.7	84
11	Topology of Blood Transport in the Human Left Ventricle by Novel Processing of Doppler Echocardiography. <i>Annals of Biomedical Engineering</i> , 2013, 41, 2603-2616.	2.5	79
12	Doppler-Derived Ejection Intraventricular Pressure Gradients Provide a Reliable Assessment of Left Ventricular Systolic Chamber Function. <i>Circulation</i> , 2005, 112, 1771-1779.	1.6	77
13	Cardiac Dysfunction During Liver Transplantation: Incidence and Preoperative Predictors. <i>Transplantation</i> , 2008, 85, 1766-1772.	1.0	77
14	Intraventricular vortex properties in nonischemic dilated cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H718-H729.	3.2	77
15	Safety and Efficacy of Intracoronary Infusion of Allogeneic Human Cardiac Stem Cells in Patients With ST-Segment Elevation Myocardial Infarction and Left Ventricular Dysfunction. <i>Circulation Research</i> , 2018, 123, 579-589.	4.5	64
16	Non-selective beta-blockers impair global circulatory homeostasis and renal function in cirrhotic patients with refractory ascites. <i>Journal of Hepatology</i> , 2020, 73, 1404-1414.	3.7	58
17	Noninvasive assessment of ejection intraventricular pressure gradients. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1654-1662.	2.8	55
18	Validation of Noninvasive Indices of Global Systolic Function in Patients With Normal and Abnormal Loading Conditions. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 164-172.	2.6	55

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19	A clinical method for mapping and quantifying blood stasis in the left ventricle. Journal of Biomechanics, 2016, 49, 2152-2161.	2.1	54
20	Spatio-temporal mapping of intracardiac pressure gradients. A solution to Euler's equation from digital postprocessing of color Doppler M-mode echocardiograms. Ultrasound in Medicine and Biology, 2001, 27, 621-630.	1.5	50
21	Risk factors for excess mortality in adults with congenital heart diseases. European Heart Journal, 2017, 38, ehv590.	2.2	46
22	Rationale and Design of a Clinical Trial to Evaluate the Safety and Efficacy of Intracoronary Infusion of Allogeneic Human Cardiac Stem Cells in Patients With Acute Myocardial Infarction and Left Ventricular Dysfunction. Circulation Research, 2017, 121, 71-80.	4.5	46
23	Left ventricular systolic function is associated with sympathetic nervous activity and markers of inflammation in cirrhosis. Hepatology, 2017, 65, 2019-2030.	7.3	43
24	Effects of angiotensin converting enzyme inhibitors in hypertensive patients with aortic valve stenosis: a drug withdrawal study. Heart, 2005, 91, 1311-1318.	2.9	41
25	Noninvasive Estimation of the Rate of Relaxation by the Analysis of Intraventricular Pressure Gradients. Circulation: Cardiovascular Imaging, 2011, 4, 94-104.	2.6	37
26	Additional value of screening for minor genes and copy number variants in hypertrophic cardiomyopathy. PLoS ONE, 2017, 12, e0181465.	2.5	32
27	Natural History and Clinical Predictors of Atrial Tachycardia in Adults With Congenital Heart Disease. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	29
28	Noninvasive Assessment of the Right Ventricular Filling Pressure Gradient. Circulation, 2007, 116, 1015-1023.	1.6	27
29	Impact of age and sex on survival and causes of death in adults with congenital heart disease. International Journal of Cardiology, 2017, 245, 119-124.	1.7	27
30	Role of copy number variants in sudden cardiac death and related diseases: genetic analysis and translation into clinical practice. European Journal of Human Genetics, 2018, 26, 1014-1025.	2.8	26
31	Estimation of the End of Ejection in Aortic Stenosis. Circulation, 2004, 110, 1114-1120.	1.6	24
32	Low-gradient aortic valve stenosis: value and limitations of dobutamine stress testing. Heart, 2007, 93, 298-302.	2.9	24
33	The Functional Significance of Paradoxical Low-Gradient Aortic Valve Stenosis. JACC: Cardiovascular Imaging, 2017, 10, 29-39.	5.3	23
34	Impact of acute hypertension transients on diastolic function in patients with heart failure with preserved ejection fraction. Cardiovascular Research, 2017, 113, 906-914.	3.8	20
35	Stasis Mapping Using Ultrasound. JACC: Cardiovascular Imaging, 2018, 11, 514-515.	5.3	20
36	Diastolic chamber properties of the left ventricle assessed by global fitting of pressure-volume data: improving the gold standard of diastolic function. Journal of Applied Physiology, 2013, 115, 556-568.	2.5	19

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37	The Biological Bases of Group 2 Pulmonary Hypertension. International Journal of Molecular Sciences, 2019, 20, 5884.	4.1	18
38	Persistent Pulmonary Hypertension in Corrected Valvular Heart Disease: Hemodynamic Insights and Long-Term Survival. Journal of the American Heart Association, 2021, 10, e019949.	3.7	18
39	The role of elastic restoring forces in right-ventricular filling. Cardiovascular Research, 2015, 107, 45-55.	3.8	15
40	Data from acellular human heart matrix. Data in Brief, 2016, 8, 211-219.	1.0	14
41	Age-Dependence of Flow Homeostasis in the Left Ventricle. Frontiers in Physiology, 2019, 10, 485.	2.8	13
42	Impact of image spatial, temporal, and velocity resolutions on cardiovascular indices derived from color-Doppler echocardiography. Medical Image Analysis, 2007, 11, 513-525.	11.6	12
43	Clinical assessment of intraventricular blood transport in patients undergoing cardiac resynchronization therapy. Meccanica, 2017, 52, 563-576.	2.0	12
44	Transvalvular jet velocity, aortic valve area, mortality, and cardiovascular outcomes. European Heart Journal Cardiovascular Imaging, 2022, 23, 601-612.	1.2	12
45	Valve area and the risk of overestimating aortic stenosis. Heart, 2019, 105, heartjnl-2018-314482.	2.9	10
46	Support vector analysis of color-Doppler images: a new approach for estimating indices of left ventricular function. IEEE Transactions on Medical Imaging, 2006, 25, 1037-1043.	8.9	9
47	Gender differences in right ventricular function in patients with non-ischaemic cardiomyopathy. Netherlands Heart Journal, 2015, 23, 578-584.	0.8	9
48	Objective quantification of global and regional left ventricular systolic function by endocardial tracking of contrast echocardiographic sequences. International Journal of Cardiology, 2008, 124, 47-56.	1.7	8
49	Selección de lo mejor del año 2016 en cardiopatías congénitas. Revista Espanola De Cardiologia, 2017, 70, 299-300.	1.2	8
50	Cardiac function, A key component in evaluation for liver transplant. Liver Transplantation, 2018, 24, 7-8.	2.4	8
51	Acute myocarditis after urinary tract infection by Escherichia coli. International Journal of Cardiology, 2011, 152, e33-e34.	1.7	7
52	Risk predictors in a Spanish cohort with cardiac laminopathies. The REDLAMINA registry. Revista Espanola De Cardiologia (English Ed), 2021, 74, 216-224.	0.6	5
53	The natural matching of harmonic responses in the pulmonary circulation. Journal of Physiology, 2019, 597, 3853-3865.	2.9	4
54	How heavy is the load? The ventricular mechanics of mitral regurgitation revisited in the era of percutaneous therapies. Heart, 2017, 103, 567-569.	2.9	3

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55	The impact of Mediterranean diet on coronary plaque vulnerability, microvascular function, inflammation and microbiome after an acute coronary syndrome: study protocol for the MEDIMACS randomized, controlled, mechanistic clinical trial. <i>Trials</i> , 2021, 22, 795.	1.6	3
56	Left ventricular hypertrophy in aortic valve stenosis: friend or foe?. <i>Heart</i> , 2011, 97, 269-271.	2.9	2
57	QUANTITATIVE ASSESSMENT OF INTRAVENTRICULAR VORTICITY USING CONVENTIONAL COLOR-DOPPLER ULTRASOUND. HEAD TO HEAD CLINICAL VALIDATION AGAINST PHASE-CONTRAST MAGNETIC RESONANCE IMAGING. <i>Journal of the American College of Cardiology</i> , 2012, 59, E1128.	2.8	2
58	Pressure volume curves in cirrhosis: More than meets the eye. <i>Journal of Hepatology</i> , 2017, 67, 656-657.	3.7	2
59	Transient loss of consciousness with convulsions in two young adults with potentially fatal underlying heart disease: syncope versus seizures. <i>BMJ Case Reports</i> , 2009, 2009, bcr0620080285-bcr0620080285.	0.5	2
60	Reply. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2574-2575.	2.8	1
61	Reply. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1522-1523.	2.8	1
62	Selection of the Best in 2016 in Congenital Heart Diseases. <i>Revista Espanola De Cardiologia (English Ed)</i> Tj ETQq0 0.0 rgBT /Qverlock 10	0.6	1
63	The elephant in the room: reply. <i>European Heart Journal</i> , 2018, 39, 3397-3397.	2.2	1
64	Characterization of aortic input impedance in the supplemental domain. , 2005, , .		0
65	Noninvasive estimation of maximum elastance from color-doppler m-mode echocardiograms using support vector machines. , 2005, , .		0
66	Acute heart failure as presentation of left-ACAOS. <i>European Heart Journal</i> , 2013, 34, 2787-2787.	2.2	0
67	In Vivo Measurements of Blood Transport Patterns and Stasis in the Human Left Ventricle. , 2013, , .		0
68	Assessment of regional and global left ventricular function with electromechanical mapping: validation against MRI. A PRECISE substudy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P143.	3.3	0
69	Imaging Techniques in Acute Heart Failure. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015, 68, 612-623.	0.6	0
70	Reply. <i>Journal of the American College of Cardiology</i> , 2015, 66, 596-597.	2.8	0
71	On feature extraction for noninvasive kernel estimation of left ventricular chamber function indices from echocardiographic images. , 2015, 39, 63-79.		0
72	Impact of left ventricular late enhancement on pulmonary arterial hypertension in idiopathic dilated cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P286.	3.3	0

#	ARTICLE	IF	CITATIONS
73	Ablaci&ocute;n con éxito de un ritmo autom´tico del haz de His. Revista Espanola De Cardiologia, 2003, 56, 207-210.	1.2	0