

# Etel Silva Garcia

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,202  
citations

516561

16  
h-index

377752

34  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Architecture of Scar and Conducting Channels Based on High Resolution ce-CMR. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 528-537.	2.1	179
2	Integration of 3D Electroanatomic Maps and Magnetic Resonance Scar Characterization Into the Navigation System to Guide Ventricular Tachycardia Ablation. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 674-683.	2.1	153
3	Temporal diffeomorphic free-form deformation: Application to motion and strain estimation from 3D echocardiography. Medical Image Analysis, 2012, 16, 427-450.	7.0	123
4	Use of myocardial scar characterization to predict ventricular arrhythmia in cardiac resynchronization therapy. Europace, 2012, 14, 1578-1586.	0.7	71
5	A spatiotemporal statistical atlas of motion for the quantification of abnormal myocardial tissue velocities. Medical Image Analysis, 2011, 15, 316-328.	7.0	68
6	Sensitivity analysis of geometrical parameters to study haemodynamics and thrombus formation in the left atrial appendage. International Journal for Numerical Methods in Biomedical Engineering, 2018, 34, e3100.	1.0	63
7	In silico Optimization of Left Atrial Appendage Occluder Implantation Using Interactive and Modeling Tools. Frontiers in Physiology, 2019, 10, 237.	1.3	50
8	Electrocardiographic versus Echocardiographic Optimization of the Interventricular Pacing Delay in Patients Undergoing Cardiac Resynchronization Therapy. Journal of Cardiovascular Electrophysiology, 2011, 22, 1129-1134.	0.8	48
9	Midterm 'super-response' to cardiac resynchronization therapy by biventricular pacing with fusion: insights from electro-anatomical mapping. Europace, 2009, 11, 1675-1682.	0.7	47
10	Decreased likelihood of response to cardiac resynchronization in patients with severe heart failure. European Journal of Heart Failure, 2010, 12, 283-287.	2.9	44
11	Optimization of the Interventricular Delay in Cardiac Resynchronization Therapy Using the QRS Width. American Journal of Cardiology, 2009, 104, 1407-1412.	0.7	39
12	Biventricular pacing in hypertrophic obstructive cardiomyopathy: A pilot study. Heart Rhythm, 2011, 8, 221-227.	0.3	34
13	Effect of Repeated Radiofrequency Catheter Ablation on Left Atrial Function for the Treatment of Atrial Fibrillation. American Journal of Cardiology, 2011, 108, 1741-1746.	0.7	27
14	Safety and Outcomes of Ventricular Tachycardia Substrate Ablation During Sinus Rhythm. JACC: Clinical Electrophysiology, 2020, 6, 1435-1448.	1.3	23
15	Development of a Swine Model of Left Bundle Branch Block for Experimental Studies of Cardiac Resynchronization Therapy. Journal of Cardiovascular Translational Research, 2013, 6, 616-622.	1.1	18
16	A Pilot Study for Left Atrial Appendage Occlusion Guided by 3-Dimensional Rotational Angiography Alone. JACC: Cardiovascular Interventions, 2018, 11, 223-224.	1.1	16
17	Temporal Diffeomorphic Free-Form Deformation for Strain Quantification in 3D-US Images. Lecture Notes in Computer Science, 2010, 13, 1-8.	1.0	16
18	Continuous Thermodilution Method to Assess Coronary Flow Reserve. American Journal of Cardiology, 2021, 141, 31-37.	0.7	13

#	ARTICLE	IF	CITATIONS
19	Myocardial motion and deformation patterns in an experimental swine model of acute LBBB/CRT and chronic infarct. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 875-887.	0.7	12
20	Predictors of inappropriate shock in Brugada syndrome patients with a subcutaneous implantable cardiac defibrillator. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1704-1711.	0.8	12
21	Quantification of Left Ventricular Asynchrony Throughout the Whole Cardiac Cycle with a Computed Algorithm: Application for Optimizing Resynchronization Therapy. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 1130-1136.	0.8	10
22	Noncompaction Cardiomyopathy is Associated With Mechanical Dyssynchrony: A Potential Underlying Mechanism for Favorable Response to Cardiac Resynchronization Therapy. <i>Journal of Cardiac Failure</i> , 2013, 19, 80-86.	0.7	10
23	Primary Angioplasty in a Catastrophic Presentation: Acute Left Main Coronary Total Occlusionâ€”The ATOLMA Registry. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-8.	0.5	10
24	Premature ventricular contractions cause a position shift in 3D mapping systems: analysis, quantification, and correction by hybrid activation mapping. <i>Europace</i> , 2020, 22, 607-612.	0.7	10
25	Comparison of Hemodynamic versus Dyssynchrony Assessment for Interventricular Delay Optimization with Echocardiography in Cardiac Resynchronization Therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2011, 34, 984-990.	0.5	9
26	Atlas-Based Quantification of Myocardial Motion Abnormalities: Added-Value for Understanding the Effect of Cardiac Resynchronization Therapy. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 2186-2197.	0.7	8
27	Noninvasive Evaluation of Radiofrequency Lesions in the Human Ventricular Myocardium by Contrast-Enhanced Cardiac Magnetic Resonance. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 208-211.	2.1	7
28	Left atrial volume computed by 3D rotational angiography best predicts atrial fibrillation recurrence after circumferential pulmonary vein isolation. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 337-342.	0.7	7
29	Premature ventricular complex site of origin and ablation outcomes in patients with prior myocardial infarction. <i>Heart Rhythm</i> , 2021, 18, 27-33.	0.3	7
30	Cardiac Motion Estimation from Intracardiac Electrical Mapping Data: Identifying a Septal Flash in Heart Failure. <i>Lecture Notes in Computer Science</i> , 2009, , 21-29.	1.0	7
31	Analysis of temporal delay in myocardial deformation throughout the cardiac cycle: Utility for selecting candidates for cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2010, 7, 1580-1586.	0.3	6
32	Integraci3n de la imagen mec3nica, estructural y el3ctrica para entender la respuesta a la terapia de resincronizaci3n cardaca. <i>Revista Espanola De Cardiologia</i> , 2014, 67, 813-821.	0.6	6
33	Septal Flash Assessment on CRT Candidates Based on Statistical Atlases of Motion. <i>Lecture Notes in Computer Science</i> , 2009, 12, 759-766.	1.0	6
34	The industrialization of ablation: a highly standardized and reproducible workflow for radiofrequency ablation of atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 59, 21-27.	0.6	4
35	Successful Percutaneous Stenting of Severe Radiofrequency-Induced Pulmonary Vein Stenosis in 3 Veins Post-Failed Surgical Correction. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, e17-e19.	1.1	3
36	Long-term clinical, angiographic, and optical coherence tomography findings of Mg-based bioresorbable scaffold in patients with acute coronary syndrome. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E69-E77.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Feasibility of single position endoscopic laser balloon ablation for atrial fibrillation: The open 8 approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 326-331.	0.8	1
38	Contrast FFR plus intracoronary injection of nitroglycerine accurately predicts FFR for coronary stenosis functional assessment. <i>Minerva Cardiology and Angiology</i> , 0, , .	0.4	1
39	Order Statistic Based Cardiac Boundary Detection in 3D+t Echocardiograms. <i>Lecture Notes in Computer Science</i> , 2011, , 359-366.	1.0	1
40	Ephemeral coronary lesion after epicardial RF ablation for premature ventricular contractions. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 256-258.	0.8	0
41	Direct Implantation of a Left Atrial Appendage Occluder During Cardiothoracic Surgery. <i>Annals of Thoracic Surgery</i> , 2020, 110, e227-e229.	0.7	0