

# Eduard Guasch

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9210703/eduard-guasch-publications-by-year.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

108 papers	2,482 citations	25 h-index	48 g-index
136 ext. papers	3,222 ext. citations	4.6 avg, IF	4.74 L-index

#	Paper	IF	Citations
108	Accuracy of standard bipolar amplitude voltage thresholds to identify late potential channels in ventricular tachycardia ablation.. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2022</b> , 1	2.4	0
107	Remote Design of a Smartphone and Wearable Detected Atrial Arrhythmia in Older Adults Case Finding Study: Smart in OAC - AFNET 9.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 839202	5.4	0
106	Late Gadolinium Enhancement-MRI determines definite lesion formation most accurately at three months post ablation compared to later time points. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2021</b> ,	1.6	3
105	Dynamic risk assessment to improve quality of care in patients with atrial fibrillation: the 7th AFNET/EHRA Consensus Conference. <i>Europace</i> , <b>2021</b> , 23, 329-344	3.9	14
104	Proximity to the descending aorta predicts regional fibrosis in the adjacent left atrial wall: aetiopathogenic and prognostic implications. <i>Europace</i> , <b>2021</b> , 23, 1559-1567	3.9	2
103	Is cardiac magnetic resonance imaging a game changer in re-ablation of atrial fibrillation?-AuthorsS reply. <i>Europace</i> , <b>2021</b> , 23, 1508-1509	3.9	
102	Cardiac magnetic resonance to predict recurrences after ventricular tachycardia ablation: septal involvement, transmural channels, and left ventricular mass. <i>Europace</i> , <b>2021</b> , 23, 1437-1445	3.9	3
101	Cardiac Resynchronization Therapy Response Is Equalized in Men and Women by Electrical Optimization: PR Matters. <i>JACC: Clinical Electrophysiology</i> , <b>2021</b> , 7, 1400-1409	4.6	
100	Ventricular tachycardia burden reduction after substrate ablation: Predictors of recurrence. <i>Heart Rhythm</i> , <b>2021</b> , 18, 896-904	6.7	4
99	Ageing, comorbidities, and the complex determinants of atrial fibrillation in athletes. <i>European Heart Journal</i> , <b>2021</b> , 42, 3526-3528	9.5	1
98	Comprehensive assessment of myocardial remodeling in ischemic heart disease by synchrotron propagation based X-ray phase contrast imaging. <i>Scientific Reports</i> , <b>2021</b> , 11, 14020	4.9	1
97	Accuracy of left atrial fibrosis detection with cardiac magnetic resonance: correlation of late gadolinium enhancement with endocardial voltage and conduction velocity. <i>Europace</i> , <b>2021</b> , 23, 380-388	3.9	15
96	Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 3669-3675	3.6	0
95	Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 3625-3631	16.4	6
94	Optimized single-point left ventricular pacing leads to improved resynchronization compared with multipoint pacing. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2021</b> , 44, 519-527	1.6	2
93	Scar channels in cardiac magnetic resonance to predict appropriate therapies in primary prevention. <i>Heart Rhythm</i> , <b>2021</b> , 18, 1336-1343	6.7	10
92	Non-invasive isthmus identification of complex arrhythmias in congenital heart disease. <i>Journal of Arrhythmia</i> , <b>2021</b> , 37, 1562-1566	1.5	

91	Impact of lifestyle interventions targeting physical exercise and caloric intake on cirrhosis regression in rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2021</b> , 321, G603-G616	5.1	0
90	Ventricular scar channel entrances identified by new wideband cardiac magnetic resonance sequence to guide ventricular tachycardia ablation in patients with cardiac defibrillators. <i>Europace</i> , <b>2020</b> , 22, 598-606	3.9	9
89	Impact of cryoballoon applications on lesion gaps detected by magnetic resonance after pulmonary vein isolation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 638-646	2.7	0
88	Very high pacing thresholds during long-term follow-up predicted by a combination of implant pacing threshold and impedance in leadless transcatheter pacemakers. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 868-874	2.7	8
87	Epicardial ablation of ventricular tachycardia via the aortic cusps in ischemic cardiomyopathy. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2020</b> , 73, 685-687	0.7	
86	Endurance Exercise and Atrial Fibrillation <b>2020</b> , 659-681		0
85	Ablaci3n epic3rdica de taquicardia ventricular a trav3s de las c3pides coronarias en miocardiopat3a isqu3mica. <i>Revista Espanola De Cardiologia</i> , <b>2020</b> , 73, 685-687	1.5	
84	Cryoballoon vs. radiofrequency lesions as detected by late-enhancement cardiac magnetic resonance after ablation of paroxysmal atrial fibrillation: a case-control study. <i>Europace</i> , <b>2020</b> , 22, 382-387	3.9	6
83	Advanced interatrial block: A predictor of covert atrial fibrillation in embolic stroke of undetermined source. <i>Journal of Electrocardiology</i> , <b>2020</b> , 58, 113-118	1.4	9
82	Magnetic resonance-guided re-ablation for atrial fibrillation is associated with a lower recurrence rate: a case-control study. <i>Europace</i> , <b>2020</b> , 22, 1805-1811	3.9	10
81	Magnetic Resonance Imaging-Guided Fibrosis Ablation for the Treatment of Atrial Fibrillation: The ALICIA Trial. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008707	6.4	13
80	Safety and Outcomes of Ventricular Tachycardia Substrate Ablation During Sinus Rhythm: A Prospective Multicenter Registry. <i>JACC: Clinical Electrophysiology</i> , <b>2020</b> , 6, 1435-1448	4.6	5
79	Left Bundle Branch Pacing: A New Alternative to Resynchronization Therapy in the 2020 Pacing Armamentarium. <i>JACC: Case Reports</i> , <b>2020</b> , 2, 2225-2229	1.2	1
78	JavaCyte, a novel open-source tool for automated quantification of key hallmarks of cardiac structural remodeling. <i>Scientific Reports</i> , <b>2020</b> , 10, 20074	4.9	5
77	Subcutaneous implantable cardioverter-defibrillator infection affecting deep tissues: is it always mandatory to remove the device?. <i>Europace</i> , <b>2020</b> , 22, 776	3.9	
76	Reproducibility and accuracy of late gadolinium enhancement cardiac magnetic resonance measurements for the detection of left atrial fibrosis in patients undergoing atrial fibrillation ablation procedures. <i>Europace</i> , <b>2019</b> , 21, 724-731	3.9	22
75	Development and external validation of predictive models for prevalent and recurrent atrial fibrillation: a protocol for the analysis of the CATCH ME combined dataset. <i>BMC Cardiovascular Disorders</i> , <b>2019</b> , 19, 120	2.3	6
74	Should the septum be included in the assessment of right ventricular longitudinal strain? An ultrasound two-dimensional speckle-tracking stress study. <i>International Journal of Cardiovascular Imaging</i> , <b>2019</b> , 35, 1853-1860	2.5	6

73	Management of anticoagulation in patients undergoing leadless pacemaker implantation. <i>Heart Rhythm</i> , <b>2019</b> , 16, 1849-1854	6.7	6
72	Axl expression is increased in early stages of left ventricular remodeling in an animal model with pressure-overload. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217926	3.7	9
71	Comprehensive Analysis of Animal Models of Cardiovascular Disease using Multiscale X-Ray Phase Contrast Tomography. <i>Scientific Reports</i> , <b>2019</b> , 9, 6996	4.9	17
70	Safety and usefulness of a second Micra transcatheter pacemaker implantation after battery depletion. <i>Europace</i> , <b>2019</b> , 21, 885	3.9	3
69	Optical Control of Cardiac Function with a Photoswitchable Muscarinic Agonist. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 7628-7636	16.4	22
68	Electrocardiographic optimization techniques in resynchronization therapy. <i>Europace</i> , <b>2019</b> , 21, 1286-1296	3.9	6
67	Endurance training in young athletes: What happens in childhood, stays in childhood?. <i>European Journal of Preventive Cardiology</i> , <b>2019</b> , 26, 1998-2000	3.9	2
66	Aortic remodelling induced by obstructive apneas is normalized with mesenchymal stem cells infusion. <i>Scientific Reports</i> , <b>2019</b> , 9, 11443	4.9	9
65	Exercise and atrial fibrillation: how health turns harm, and how to turn it back. <i>Minerva Cardioangiologica</i> , <b>2019</b> , 67, 411-424	1.1	4
64	Failure-free survival of the Riata implantable cardioverter-defibrillator lead after a very long-term follow-up. <i>Indian Pacing and Electrophysiology Journal</i> , <b>2019</b> , 19, 140-144	1.5	1
63	Determining the best approach to reduce the impact of exercise-induced atrial fibrillation: prevention, screening, or symptom-based treatment?. <i>Expert Review of Cardiovascular Therapy</i> , <b>2019</b> , 17, 19-29	2.5	1
62	Improvement of Reverse Remodeling Using Electrocardiogram Fusion-Optimized Intervals in Cardiac Resynchronization Therapy: A Randomized Study. <i>JACC: Clinical Electrophysiology</i> , <b>2018</b> , 4, 181-189	4.6	40
61	Mechanisms of atrial fibrillation in athletes: what we know and what we do not know. <i>Netherlands Heart Journal</i> , <b>2018</b> , 26, 133-145	2.2	14
60	Validity of the Polar V800 monitor for measuring heart rate variability in mountain running route conditions. <i>European Journal of Applied Physiology</i> , <b>2018</b> , 118, 669-677	3.4	41
59	Integrating new approaches to atrial fibrillation management: the 6th AFNET/EHRA Consensus Conference. <i>Europace</i> , <b>2018</b> , 20, 395-407	3.9	66
58	Impact of left atrial volume, sphericity, and fibrosis on the outcome of catheter ablation for atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2018</b> , 29, 740-746	2.7	25
57	Atrial Fibrillation in Athletes <b>2018</b> , 241-256		
56	P408 Long-term outcomes of leadless Micra transcatheter pacemakers: a single centre experience. <i>Europace</i> , <b>2018</b> , 20, i75-i75	3.9	

55	545 Failure-free survival of the Riata implantable cardioverter-defibrillator lead after a very long-term follow-up. <i>Europace</i> , <b>2018</b> , 20, i108-i108	3.9	
54	Preferential regional distribution of atrial fibrosis in posterior wall around left inferior pulmonary vein as identified by late gadolinium enhancement cardiac magnetic resonance in patients with atrial fibrillation. <i>Europace</i> , <b>2018</b> , 20, 1959-1965	3.9	32
53	P871 Utility of questionnaires predicting sleep apnea syndrome for pacemaker selection. <i>Europace</i> , <b>2018</b> , 20, i164-i165	3.9	
52	The Quantification of Myocardial remodelling in a Rat Model of Myocardial Infarction by Synchrotron X-ray Phase Contrast Imaging. <i>Cardiologia Croatica</i> , <b>2018</b> , 13, 433-434	0	
51	P373 Left atrial pressure correlates with atrial sphericity but not with the degree of atrial dilatation and scar burden, in patients who underwent pulmonary vein isolation. <i>Europace</i> , <b>2018</b> , 20, i65-i66	3.9	
50	Delayed Gadolinium Enhancement Magnetic Resonance Imaging Detected Anatomic Gap Length in Wide Circumferential Pulmonary Vein Ablation Lesions Is Associated With Recurrence of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2018</b> , 11, e006659	6.4	19
49	Severity of structural and functional right ventricular remodeling depends on training load in an experimental model of endurance exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2017</b> , 313, H459-H468	5.2	19
48	Preparticipation cardiovascular evaluation for athletic participants to prevents sudden death: author's reply. <i>Europace</i> , <b>2017</b> , 19, 883	3.9	25
47	Left atrial fibrosis quantification by late gadolinium-enhanced magnetic resonance: a new method to standardize the thresholds for reproducibility. <i>Europace</i> , <b>2017</b> , 19, 1272-1279	3.9	61
46	Cardiovascular Benefits of Moderate Exercise Training in Marfan Syndrome: Insights From an Animal Model. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	26
45	Pre-participation cardiovascular evaluation for athletic participants to prevent sudden death: Position paper from the EHRA and the EACPR, branches of the ESC. Endorsed by APHRS, HRS, and SOLAECE. <i>Europace</i> , <b>2017</b> , 19, 139-163	3.9	36
44	A rare cause of severe mitral stenosis and reversible pulmonary hypertension. <i>Echocardiography</i> , <b>2017</b> , 34, 1544-1545	1.5	
43	Cardiac magnetic resonance-aided scar dechanneling: Influence on acute and long-term outcomes. <i>Heart Rhythm</i> , <b>2017</b> , 14, 1121-1128	6.7	85
42	Diagnosis, pathophysiology, and management of exercise-induced arrhythmias. <i>Nature Reviews Cardiology</i> , <b>2017</b> , 14, 88-101	14.8	54
41	Pre-participation cardiovascular evaluation for athletic participants to prevent sudden death: Position paper from the EHRA and the EACPR, branches of the ESC. Endorsed by APHRS, HRS, and SOLAECE. <i>European Journal of Preventive Cardiology</i> , <b>2017</b> , 24, 41-69	3.9	110
40	Long-term benefit of first-line peri-implantable cardioverter-defibrillator implant ventricular tachycardia-substrate ablation in secondary prevention patients. <i>Europace</i> , <b>2017</b> , 19, 976-982	3.9	6
39	Contact force threshold for permanent lesion formation in atrial fibrillation ablation: A cardiac magnetic resonance-based study to detect ablation gaps. <i>Heart Rhythm</i> , <b>2016</b> , 13, 37-45	6.7	25
38	Molecular disturbance underlies to arrhythmogenic cardiomyopathy induced by transgene content, age and exercise in a truncated PKP2 mouse model. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 3676-3688	5.6	15

37	Expert consensus document: Defining the major health modifiers causing atrial fibrillation: a roadmap to underpin personalized prevention and treatment. <i>Nature Reviews Cardiology</i> , <b>2016</b> , 13, 230-248	14.8	97
36	A roadmap to improve the quality of atrial fibrillation management: proceedings from the fifth Atrial Fibrillation Network/European Heart Rhythm Association consensus conference. <i>Europace</i> , <b>2016</b> , 18, 37-50	3.9	90
35	Emerging risk factors and the dose-response relationship between physical activity and lone atrial fibrillation: a prospective case-control study. <i>Europace</i> , <b>2016</b> , 18, 57-63	3.9	81
34	Management of Atrial Fibrillation in Athletes <b>2016</b> , 406-414		
33	Substrate modification or ventricular tachycardia induction, mapping, and ablation as the first step? A randomized study. <i>Heart Rhythm</i> , <b>2016</b> , 13, 1589-95	6.7	40
32	Acute, Exercise Dose-Dependent Impairment in Atrial Performance During an Endurance Race: 2D Ultrasound Speckle-Tracking Strain Analysis. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 1380-1388	8.4	25
31	Contemporary management of atrial fibrillation: what can clinical registries tell us about stroke prevention and current therapeutic approaches?. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3,	6	33
30	Early management of atrial fibrillation to prevent cardiovascular complications. <i>European Heart Journal</i> , <b>2014</b> , 35, 1448-56	9.5	128
29	Reply: Of mice and men: atrial fibrillation in veteran endurance runners. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 89-90	15.1	1
28	Atrial fibrillation promotion by endurance exercise: demonstration and mechanistic exploration in an animal model. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 68-77	15.1	185
27	Plasma tissue inhibitor of matrix metalloproteinase-1 (TIMP-1) a powerful predictor of long term mortality in patients treated with cardiac resynchronization therapy. <i>European Heart Journal</i> , <b>2013</b> , 34, P3186-P3186	9.5	
26	Rebuttal from Eduard Guasch and Stanley Nattel. <i>Journal of Physiology</i> , <b>2013</b> , 591, 4947	3.9	
25	Complete atrioventricular block does not reduce long-term mortality in patients with permanent atrial fibrillation treated with cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , <b>2013</b> , 15, 1412-8	12.3	16
24	CrossTalk proposal: Prolonged intense exercise training does lead to myocardial damage. <i>Journal of Physiology</i> , <b>2013</b> , 591, 4939-41	3.9	14
23	Losartan prevents heart fibrosis induced by long-term intensive exercise in an animal model. <i>PLoS ONE</i> , <b>2013</b> , 8, e55427	3.7	36
22	Improved Outcomes and Complications of Atrial Fibrillation Catheter Ablation Over Time: Learning Curve, Techniques, and Methodology. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2012</b> , 65, 131-138	0.7	2
21	Improved outcomes and complications of atrial fibrillation catheter ablation over time: learning curve, techniques, and methodology. <i>Revista Espanola De Cardiologia</i> , <b>2012</b> , 65, 131-8	1.5	22
20	A proposal for new clinical concepts in the management of atrial fibrillation. <i>American Heart Journal</i> , <b>2012</b> , 164, 292-302.e1	4.9	39

19	Role for MicroRNA-21 in atrial profibrillatory fibrotic remodeling associated with experimental postinfarction heart failure. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2012</b> , 5, 1027-35	6.4	136
18	Endothelin-1 levels predict endothelial progenitor cell mobilization after acute myocardial infarction. <i>Microvascular Research</i> , <b>2011</b> , 82, 177-81	3.7	16
17	Safety issues of adjunctive clopidogrel in patients discharged after percutaneous coronary intervention with stent placement and requiring oral anticoagulation. <i>International Journal of Cardiology</i> , <b>2011</b> , 146, e1-4	3.2	3
16	Usefulness of endothelin-1 assessment in acute myocardial infarction. <i>Revista Espanola De Cardiologia</i> , <b>2011</b> , 64, 105-10	1.5	19
15	Usefulness of Endothelin-1 Assessment in Acute Myocardial Infarction. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2011</b> , 64, 105-110	0.7	3
14	Cardiac arrhythmogenic remodeling in a rat model of long-term intensive exercise training. <i>Circulation</i> , <b>2011</b> , 123, 13-22	16.7	298
13	Exercise training, inflammation and heart failure: working out to cool down. <i>Journal of Physiology</i> , <b>2010</b> , 588, 2525-6	3.9	5
12	Physiological versus pathological cardiac electrical remodelling: potential basis and relevance to clinical management. <i>Journal of Physiology</i> , <b>2010</b> , 588, 4855-6	3.9	6
11	Efficacy of circumferential pulmonary vein ablation of atrial fibrillation in endurance athletes. <i>Europace</i> , <b>2010</b> , 12, 30-6	3.9	86
10	Circumferential pulmonary vein ablation: does use of a circular mapping catheter improve results? A prospective randomized study. <i>Heart Rhythm</i> , <b>2010</b> , 7, 612-8	6.7	25
9	Clinical and mechanistic issues in early repolarization of normal variants and lethal arrhythmia syndromes. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 1177-86	15.1	73
8	Prevalence, clinical characteristics and risk of myocardial infarction in patients with cocaine-related chest pain. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2010</b> , 63, 1028-34	0.7	
7	Prevalencia, características clínicas y riesgo de infarto de miocardio en pacientes con dolor torácico y consumo de cocaína. <i>Revista Espanola De Cardiologia</i> , <b>2010</b> , 63, 1028-1034	1.5	15
6	Ranolazina: ¿tratamiento potencial de las arritmias?. <i>Revista Espanola De Cardiologia Suplementos</i> , <b>2010</b> , 10, 62B-72B	0.2	
5	Endurance Sport Practice and Arrhythmias <b>2010</b> , 57-72		
4	Inappropriate shocks or inappropriate programming? A review of Guidant's reconfirmation algorithm. <i>Europace</i> , <b>2009</b> , 11, 1120-2	3.9	4
3	Noninvasive evaluation of radiofrequency lesions in the human ventricular myocardium by contrast-enhanced cardiac magnetic resonance. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2009</b> , 2, 208-11	6.4	5
2	Low troponin-I levels on admission are associated with worse prognosis in patients with fulminant myocarditis. <i>Transplantation Proceedings</i> , <b>2009</b> , 41, 2234-6	1.1	14



- 1 An implantable defibrillator and what else?. *European Heart Journal*, **2009**, 30, 1551-3

9.5