

Julián Pérez-Villacastán

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,184
citations

236925

25
h-index

168389

53
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133
all docs

133
docs citations

133
times ranked

3316
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Correlation of Intraprocedural and Follow Up Parameters for Mitral Regurgitation Grading after Percutaneous Edge-to-Edge Repair. <i>Journal of Clinical Medicine</i> , 2022, 11, 2276. | 2.4 | 1 |
| 2 | Physical activity, sports and risk of atrial fibrillation: umbrella review of meta-analyses. <i>European Journal of Preventive Cardiology</i> , 2021, 28, e11-e16. | 1.8 | 6 |
| 3 | Sudden cardiac death during sports practice. Is one man's meat another man's poison?. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 210-212. | 0.6 | 0 |
| 4 | Anatomical targets and expected outcomes of catheterâ€based ablation of atrial fibrillation in 2020. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 341-359. | 1.2 | 5 |
| 5 | Influence of Baseline Physical Activity as a Modifying Factor on COVID-19 Mortality: A Single-Center, Retrospective Study. <i>Infectious Diseases and Therapy</i> , 2021, 10, 801-814. | 4.0 | 46 |
| 6 | Mapping Technologies for Catheter Ablation of Atrial Fibrillation Beyond Pulmonary Vein Isolation. <i>European Cardiology Review</i> , 2021, 16, e21. | 2.2 | 9 |
| 7 | Time-efficient three-dimensional transmural scar assessment provides relevant substrate characterization for ventricular tachycardia features and long-term recurrences in ischemic cardiomyopathy. <i>Scientific Reports</i> , 2021, 11, 18722. | 3.3 | 5 |
| 8 | Personalized monitoring of electrical remodelling during atrial fibrillation progression via remote transmissions from implantable devices. <i>Europace</i> , 2020, 22, 704-715. | 1.7 | 16 |
| 9 | The p.P888L SAP97 polymorphism increases the transient outward current (I _{to,f}) and abbreviates the action potential duration and the QT interval. <i>Scientific Reports</i> , 2020, 10, 10707. | 3.3 | 7 |
| 10 | Pulmonary Vein Activity Organization to Determine Atrial Fibrillation Recurrence: Preliminary Data from a Pilot Study. <i>Mathematics</i> , 2020, 8, 1813. | 2.2 | 1 |
| 11 | TBC: A simple algorithm to rule out abnormalities in electrocardiograms of patients with pacemakers. <i>Cardiology Journal</i> , 2020, 27, 136-141. | 1.2 | 1 |
| 12 | Instantaneous Amplitude and Frequency Modulations Detect the Footprint of Rotational Activity and Reveal Stable Driver Regions as Targets for Persistent Atrial Fibrillation Ablation. <i>Circulation Research</i> , 2019, 125, 609-627. | 4.5 | 20 |
| 13 | Diagnosisâ€ablation time in atrial fibrillation: A modifiable factor relevant to clinical outcome. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1483-1490. | 1.7 | 24 |
| 14 | Lesion Index Titration Using Contact-Force Technology Enables Safe and Effective Radiofrequency Lesion Creation at the Root of the Aorta and Pulmonary Artery. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007080. | 4.8 | 6 |
| 15 | In vivo ratiometric optical mapping enables high-resolution cardiac electrophysiology in pig models. <i>Cardiovascular Research</i> , 2019, 115, 1659-1671. | 3.8 | 38 |
| 16 | Three-dimensional cardiac fibre disorganization as a novel parameter for ventricular arrhythmia stratification after myocardial infarction. <i>Europace</i> , 2019, 21, 822-832. | 1.7 | 12 |
| 17 | Implications of bipolar voltage mapping and magnetic resonance imaging resolution in biventricular scar characterization after myocardial infarction. <i>Europace</i> , 2019, 21, 163-174. | 1.7 | 8 |
| 18 | Left atrial geometry and outcome of atrial fibrillation ablation: results from the multicentre LAGO-AF study. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1002-1009. | 1.2 | 45 |

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|----|--|-----|-----------|
| 19 | Incidence of Atrial Fibrillation in Elite Athletes. <i>JAMA Cardiology</i> , 2018, 3, 1200. | 6.1 | 22 |
| 20 | Granger Causality and Jensen-Shannon Divergence to Determine Dominant Atrial Area in Atrial Fibrillation. <i>Entropy</i> , 2018, 20, 57. | 2.2 | 8 |
| 21 | Early prognostic value of an Algorithm based on spectral Variables of Ventricular fibrillation from the EKG of patients with sudden cardiac death: A multicentre observational study (AWAKE). <i>Archivos De Cardiologia De Mexico</i> , 2018, 88, 460-467. | 0.2 | 3 |
| 22 | Sudden Cardiac Death in Professional Soccer Players. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1420-1421. | 2.8 | 6 |
| 23 | Selection of the Best of 2016 in Catheter Ablation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 302-303. | 0.6 | 0 |
| 24 | QRS duration reflects underlying changes in conduction velocity during increased intraventricular pressure and heart failure. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 130, 394-403. | 2.9 | 9 |
| 25 | Poor Knowledge of Potentially Lethal Electrocardiographic Patterns in Asymptomatic Patients Among Noncardiologist Physicians, and Underestimation of Their Seriousness. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 507-508. | 0.6 | 3 |
| 26 | Atrial Rate-Responsive Pacing and Incidence of Sustained Atrial Arrhythmias in Patients with Implantable Cardioverter Defibrillators. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 548-556. | 1.2 | 9 |
| 27 | Safety threshold of R-wave amplitudes in patients with implantable cardioverter defibrillator. <i>Heart</i> , 2016, 102, 1662-1670. | 2.9 | 15 |
| 28 | Mechanistic Approaches to Detect, Target, and Ablate the Drivers of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e002481. | 4.8 | 38 |
| 29 | Entropy at the right atrium as a predictor of atrial fibrillation recurrence outcome after pulmonary vein ablation. <i>Biomedizinische Technik</i> , 2016, 61, 29-36. | 0.8 | 9 |
| 30 | Shock Reduction With Multiple Bursts of Antitachycardia Pacing Therapies to Treat Fast Ventricular Tachyarrhythmias in Patients With Implantable Cardioverter Defibrillators: A Multicenter Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 774-782. | 1.7 | 20 |
| 31 | Towards the Dynamic Assessment of the Lesion Generation Process in an Experimental Model of Cardiac Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, E7-8. | 1.7 | 0 |
| 32 | Predictors of Luminal Loss in Pulmonary Veins After Radiofrequency Ablation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015, 68, 1085-1091. | 0.6 | 0 |
| 33 | Spectral analysis-based risk score enables early prediction of mortality and cerebral performance in patients undergoing therapeutic hypothermia for ventricular fibrillation and comatose status. <i>International Journal of Cardiology</i> , 2015, 186, 250-258. | 1.7 | 9 |
| 34 | Increased intraventricular pressures are as harmful as the electrophysiological substrate of heart failure in favoring sustained reentry in the swine heart. <i>Heart Rhythm</i> , 2015, 12, 2172-2183. | 0.7 | 17 |
| 35 | Smart Clothes to Take Care of People or Smart People Who Use Clothes to Take Care of Themselves?. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015, 68, 559-561. | 0.6 | 1 |
| 36 | Morphological and Thermodynamic Comparison of the Lesions Created by 4 Open-Irrigated Catheters in 2 Experimental Models. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 1391-1399. | 1.7 | 29 |

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|----|---|-----|-----------|
| 37 | Catheter ablation vs. antiarrhythmic drug treatment of persistent atrial fibrillation: a multicentre, randomized, controlled trial (SARA study). <i>European Heart Journal</i> , 2014, 35, 501-507. | 2.2 | 285 |
| 38 | The COR trial: A randomized study with continuous rhythm monitoring to compare the efficacy of cryoenergy and radiofrequency for pulmonary vein isolation. <i>Heart Rhythm</i> , 2014, 11, 8-14. | 0.7 | 79 |
| 39 | First, Let's See Where We Stand. Then, Let's See How Far We Can or Want to Go. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014, 67, 249-250. | 0.6 | 0 |
| 40 | The Atrial Fibrillation Ablation Pilot Study: an European Survey on Methodology and results of catheter ablation for atrial fibrillation conducted by the European Heart Rhythm Association. <i>European Heart Journal</i> , 2014, 35, 1466-1478. | 2.2 | 180 |
| 41 | Primero conocer la realidad. A partir de ahí, hasta donde queramos o podamos. <i>Revista Espanola De Cardiologia</i> , 2014, 67, 249-250. | 1.2 | 0 |
| 42 | Comments on the 2013 ESC Guidelines on Cardiac Pacing and Cardiac Resynchronization Therapy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014, 67, 6-14. | 0.6 | 5 |
| 43 | Epidemiology of Atrial Fibrillation in Spain in the Past 20 Years. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013, 66, 561-565. | 0.6 | 20 |
| 44 | Epidemiología de la fibrilación auricular en España en los últimos 20 años. <i>Revista Espanola De Cardiologia</i> , 2013, 66, 561-565. | 1.2 | 41 |
| 45 | KATP channel opening accelerates and stabilizes rotors in a swine heart model of ventricular fibrillation. <i>Cardiovascular Research</i> , 2013, 99, 576-585. | 3.8 | 13 |
| 46 | Profound Sedation with Propofol Modifies Atrial Fibrillation Dynamics. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 1176-1188. | 1.2 | 10 |
| 47 | Differential clinical characteristics and prognosis of intraventricular conduction defects in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 877-884. | 7.1 | 27 |
| 48 | Implantable Loop Recorder Allows an Etiologic Diagnosis in One-Third of Patients. <i>Circulation Journal</i> , 2013, 77, 2535-2541. | 1.6 | 27 |
| 49 | ESC-EURObservational Research Programme: the Atrial Fibrillation Ablation Pilot Study, conducted by the European Heart Rhythm Association. <i>Europace</i> , 2012, 14, 1094-1103. | 1.7 | 123 |
| 50 | New Evidence, New Controversies: a Critical Review of the European Society of Cardiology 2010 Clinical Practice Guidelines on Atrial Fibrillation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2012, 65, 7-13. | 0.6 | 1 |
| 51 | Quantification of anaesthetic effects on atrial fibrillation rate by partial least-squares. <i>Physiological Measurement</i> , 2012, 33, 1757-1768. | 2.1 | 4 |
| 52 | Integrating innovative sensors. <i>International Journal of Integrated Care</i> , 2012, 12, . | 0.2 | 0 |
| 53 | Epicardial Connections Between the Pulmonary Veins and Left Atrium: Relevance for Atrial Fibrillation Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, no-no. | 1.7 | 21 |
| 54 | Evolution and Scientific Impact of Research Grants From the Spanish Society of Cardiology and Spanish Heart Foundation (2000-2006). <i>Revista Espanola De Cardiologia (English Ed)</i> , 2011, 64, 904-915. | 0.6 | 4 |

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|----|---|-----|-----------|
| 55 | Early recurrence is a predictor of late failure in surgical ablation of atrial fibrillation. Interactive Cardiovascular and Thoracic Surgery, 2011, 12, 681-686. | 1.1 | 25 |
| 56 | Diaphragm paralysis due to pseudoaneurysm of internal mammary artery after pacemaker implantation. Europace, 2011, 13, 592-593. | 1.7 | 10 |
| 57 | Propofol Effects on Atrial Fibrillation Wavefront Delays. IEEE Transactions on Biomedical Engineering, 2010, 57, 1877-1885. | 4.2 | 6 |
| 58 | Comparative Expression of Proteins in Left and Right Atrial Appendages From Patients With Mitral Valve Disease at Sinus Rhythm and Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2010, 21, 859-868. | 1.7 | 28 |
| 59 | Entropy measurements in paroxysmal and persistent atrial fibrillation. Physiological Measurement, 2010, 31, 1011-1020. | 2.1 | 18 |
| 60 | Low efficacy of atrial fibrillation ablation in severe obstructive sleep apnoea patients. Europace, 2010, 12, 1084-1089. | 1.7 | 138 |
| 61 | Skeletal myoblast implants induce minor propagation delays, but do not promote arrhythmias in the normal swine heart. Europace, 2010, 12, 1637-1644. | 1.7 | 2 |
| 62 | Novel mutation (H402R) in the S1 domain of KCNH2-encoded gene associated with long QT syndrome in a Spanish family. International Journal of Cardiology, 2010, 142, 206-208. | 1.7 | 3 |
| 63 | Can Information Technology Improve the Performance of Remote Monitoring Systems?. Telemedicine Journal and E-Health, 2010, 16, 977-979. | 2.8 | 0 |
| 64 | Ventricular rhythm in atrial fibrillation under anaesthetic infusion with propofol. Physiological Measurement, 2009, 30, 833-845. | 2.1 | 2 |
| 65 | Atrial fibrillation organization: quantification of propofol effects. Medical and Biological Engineering and Computing, 2009, 47, 333-341. | 2.8 | 13 |
| 66 | Ablation of Atrioventricular Nodal Reentrant Tachycardia Using Remote Magnetic Guidance (Stereotaxis®) Requires Lower Temperature and Power Settings Because of Improved Local Contact. Revista Espanola De Cardiologia (English Ed), 2009, 62, 1001-1011. | 0.6 | 4 |
| 67 | La producción científica cardiovascular en España y en el contexto europeo y mundial (2003-2007). Revista Espanola De Cardiologia, 2009, 62, 1404-1417. | 1.2 | 23 |
| 68 | Anesthesia with propofol slows atrial fibrillation dominant frequencies. Computers in Biology and Medicine, 2008, 38, 792-798. | 7.0 | 14 |
| 69 | Fibrilación auricular en la mujer: análisis de la situación en España. Revista Espanola De Cardiologia Suplementos, 2008, 8, 38D-41D. | 0.2 | 0 |
| 70 | Proyecto de estudio sobre la situación de la enfermedad cardiovascular de la mujer en España: conclusiones y recomendaciones finales. Revista Espanola De Cardiologia Suplementos, 2008, 8, 55D-58D. | 0.2 | 4 |
| 71 | Cooled ablation reduces pulmonary vein isolation time: results of a prospective randomised trial. Heart, 2008, 95, 203-209. | 2.9 | 8 |
| 72 | Pivotal role of integrated electroanatomic mapping with three-dimensional multislice computed tomography scan in the ablation of a left atrial ectopic focus. Europace, 2007, 9, 119-120. | 1.7 | 5 |

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|----|---|-----|-----------|
| 73 | Delayed rhythm control of atrial fibrillation may be a cause of failure to prevent recurrences: reasons for change to active antiarrhythmic treatment at the time of the first detected episode. <i>Europace</i> , 2007, 10, 21-27. | 1.7 | 126 |
| 74 | Case report of a Spanish patient with arrhythmogenic right ventricular cardiomyopathy and palmoplantar keratoderma without plakoglobin and desmoplakin gene modifications. <i>International Journal of Cardiology</i> , 2007, 118, 275-277. | 1.7 | 8 |
| 75 | Decision support system for the practical implementation of the Chronic Heart Failure guidelines: The MyHeart approach. , 2007, , . | | 1 |
| 76 | High resistance of atrioventricular node to cryoablation: A great safety margin targeting perinodal arrhythmic substrates. <i>Heart Rhythm</i> , 2006, 3, 1189-1195. | 0.7 | 13 |
| 77 | Cardioinhibition Secondary to Ventricular Pacing. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 325-327. | 1.7 | 2 |
| 78 | Pathological Effects of Pulmonary Vein beta-Radiation in a Swine Model. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 662-669. | 1.7 | 13 |
| 79 | Activation of Inward Rectifier Potassium Channels Accelerates Atrial Fibrillation in Humans. <i>Circulation</i> , 2006, 114, 2434-2442. | 1.6 | 249 |
| 80 | Errors in pulmonary vein identification and ostia location in the absence of pulmonary vein imaging. <i>Heart Rhythm</i> , 2005, 2, 1082-1089. | 0.7 | 16 |
| 81 | Basic Assessment of Paced Activation Sequence Mapping: Implications for Practical Use. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 651-656. | 1.2 | 4 |
| 82 | Resultados de la curva de aprendizaje de la punción transeptal guiada mediante ecografía intracardíaca. <i>Revista Española De Cardiología</i> , 2004, 57, 359-362. | 1.2 | 6 |
| 83 | El enalapril intravenoso no evita el desarrollo de remodelado eléctrico auricular agudo secundario a estimulación rápida. <i>Revista Española De Cardiología</i> , 2004, 57, 320-326. | 1.2 | 0 |
| 84 | Left Atrial Flutter After Radiofrequency Catheter Ablation of Focal Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2003, 14, 417-421. | 1.7 | 73 |
| 85 | Ablation of electrograms with an isolated, delayed component as treatment of unmappable monomorphic ventricular tachycardias in patients with structural heart disease. <i>Journal of the American College of Cardiology</i> , 2003, 41, 81-92. | 2.8 | 308 |
| 86 | Ablación percutánea de fibrilación auricular: buenas perspectivas. <i>Revista Española De Cardiología</i> , 2003, 56, 331-332. | 1.2 | 3 |
| 87 | Usefulness of Paced Activation Sequence Mapping in Catheter Ablation of Accessory Pathways. <i>Journal of Cardiovascular Electrophysiology</i> , 2002, 13, 750-756. | 1.7 | 2 |
| 88 | Irrigated Tip Catheter Ablation in Right Posteroseptal Accessory Pathways Resistant to Conventional Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2002, 25, 799-803. | 1.2 | 12 |
| 89 | Determinants of inducibility of ventricular tachycardia. <i>American Journal of Cardiology</i> , 2001, 87, 1255-1259. | 1.6 | 7 |
| 90 | Usefulness of Unipolar Electrograms to Detect Isthmus Block After Radiofrequency Ablation of Typical Atrial Flutter. <i>Circulation</i> , 2000, 102, 3080-3085. | 1.6 | 47 |

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|-----|--|-----|-----------|
| 91 | Muerte súbita cardíaca extrahospitalaria y desfibrilación precoz. Revista Española De Cardiología, 2000, 53, 851-865. | 1.2 | 5 |
| 92 | Rate-Dependent Conduction Block of the Crista Terminalis in Patients With Typical Atrial Flutter. Circulation, 1999, 99, 2771-2778. | 1.6 | 118 |
| 93 | Randomized, prospective comparison of four burst pacing algorithms for spontaneous ventricular tachycardia. American Journal of Cardiology, 1998, 82, 1422-1425. | 1.6 | 72 |
| 94 | First Postpacing Interval Variability During Right Ventricular Stimulation. Circulation, 1998, 98, 671-677. | 1.6 | 8 |
| 95 | Permanent Form of Junctional Reciprocating Tachycardias: Where Is the Ventricular Insertion?. Journal of the American College of Cardiology, 1998, 31, 291A. | 2.8 | 1 |
| 96 | Ventricular Fusion During Auricular Entrainment of Idiopathic Fascicular Tachycardias. Implications on Ventricular Tachycardia Circuit. Journal of the American College of Cardiology, 1998, 31, 119A. | 2.8 | 0 |
| 97 | Discrimination Between Ventricular and Supraventricular Tachycardia Based on Implantable Defibrillator Stored Electrogram Analysis. Journal of the American College of Cardiology, 1998, 31, 294A. | 2.8 | 0 |
| 98 | Rate Dependent Conduction Block of the Crista Terminalis in Patients With Typical Atrial Flutter. Journal of the American College of Cardiology, 1998, 31, 432A. | 2.8 | 0 |
| 99 | Lack of Electrophysiological Reproducibility in the Mode of Termination of Induced Episodes of Atrial Fibrillation. Journal of the American College of Cardiology, 1998, 31, 332A. | 2.8 | 0 |
| 100 | Mechanism and Location of Atrial Flutter in Transplanted Hearts: Observations During Transient Entrainment From Distant Sites. Journal of the American College of Cardiology, 1997, 30, 539-546. | 2.8 | 20 |
| 101 | Clinical and Echocardiographic Findings in HIV Patients with Pericardial Effusion. Cardiology, 1997, 88, 397-400. | 1.4 | 18 |
| 102 | Emergent mitral percutaneous valvuloplasty before emergent liver transplantation. , 1997, 41, 229-230. | | 3 |
| 103 | “Pseudodisappearance” of atrial electrogram during orthodromic tachycardia: New criteria for successful ablation of concealed left-sided accessory pathways. Journal of the American College of Cardiology, 1996, 27, 853-859. | 2.8 | 24 |
| 104 | Radiofrequency catheter ablation of ventricular tachycardia from the right ventricle late after myocardial infarction. American Journal of Cardiology, 1996, 77, 1261-1263. | 1.6 | 21 |
| 105 | Incidence and Clinical Significance of Multiple Consecutive, Appropriate, High-Energy Discharges in Patients With Implanted Cardioverter-Defibrillators. Circulation, 1996, 93, 753-762. | 1.6 | 120 |
| 106 | Evidence favoring the hypothesis that ventricular arrhythmias have prognostic significance in left ventricular hypertrophy secondary to systemic hypertension. American Journal of Cardiology, 1995, 76, 60D-63D. | 1.6 | 25 |
| 107 | Identification of concealed posteroseptal Kent pathways by comparison of ventriculoatrial intervals from apical and posterobasal right ventricular sites.. Circulation, 1994, 89, 1060-1067. | 1.6 | 60 |
| 108 | The Importance of Antitachycardia Pacing for Patients Presenting with Ventricular Tachycardia. PACE - Pacing and Clinical Electrophysiology, 1993, 16, 535-539. | 1.2 | 16 |

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|-----|--|-----|-----------|
| 109 | Ventricular fusion during resetting and entrainment of orthodromic supraventricular tachycardia involving septal accessory pathways. Implications for the differential diagnosis with atrioventricular nodal reentry.. <i>Circulation</i> , 1993, 88, 2623-2631. | 1.6 | 56 |
| 110 | Echocardiographically revealed collapse of the right ventricle and prolonged inversion of both atria without clinical cardiac tamponade. <i>European Heart Journal</i> , 1987, 8, 1141-1145. | 2.2 | 1 |