# Ana GarcÃ-a Alvarez

List of Publications by Year
in descending order



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|---|---|---|---|
| 85 papers | 2,728 citations | 201575 27 h-index | 189801 50 g-index |
| 92 all docs | 92 docs citations | 92 times ranked | 4222 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Impact of hospital and emergency department structural and organizational characteristics on outcomes of acute heart failure. Revista Espanola De Cardiologia (English Ed ), 2022, 75, 39-49. | 0.4 | 1 |
| 2 | Cardiac Transplantation in Danon Disease. Journal of Cardiac Failure, 2022, 28, 664-669. | 0.7 | 5 |
| 3 | BAG3 Genetic Cardiomyopathy May Overlap Fulminant Myocarditis Clinical Findings. Circulation: Heart Failure, 2022, 15, e008443. | 1.6 | 1 |
| 4 | Prevalence of Pathogenic Variants in Cardiomyopathy-Associated Genes in Myocarditis. Circulation Genomic and Precision Medicine, 2022, 15, 101161CIRCGEN121003408. | 1.6 | 13 |
| 5 | Impact of SARSâ€Covâ€2 infection in patients with hypertrophic cardiomyopathy: results of an international multicentre registry. ESC Heart Failure, 2022, 9, 2189-2198. | 1.4 | 6 |
| 6 | Coexistence of transmural and lateral wavefront progression of myocardial infarction in the human heart. Revista Espanola De Cardiologia (English Ed ), 2021, 74, 870-877. | 0.4 | 3 |
| 7 | Effect of sildenafil on right ventricular performance in an experimental large-animal model of postcapillary pulmonary hypertension. Translational Research, 2021, 228, 64-75. | 2.2 | 2 |
| 8 | Malignant Arrhythmogenic Role Associated with RBM20: A Comprehensive Interpretation Focused on a Personalized Approach. Journal of Personalized Medicine, 2021, 11, 130. | 1.1 | 4 |
| 9 | Rare Variants Associated with Arrhythmogenic Cardiomyopathy: Reclassification Five Years Later. Journal of Personalized Medicine, 2021, 11, 162. | 1.1 | 13 |
| 10 | Cardiac and Pulmonary Vascular Remodeling in Endurance Open Water Swimmers Assessed by Cardiac Magnetic Resonance: Impact of Sex and Sport Discipline. Frontiers in Cardiovascular Medicine, 2021, 8, 719113. | 1.1 | 3 |
| 11 | Outcomes of Septal Myectomy beyond 65 Years, with and without Concomitant Procedures. Journal of Clinical Medicine, 2021, 10, 3499. | 1.0 | 5 |
| 12 | Combined Heart and Liver Transplantation for Uhl's Anomaly: A Case Report. Transplantation Proceedings, 2021, 53, 2751-2753. | 0.3 | 0 |
| 13 | Coexistencia de progresiÃ³n transmural y lateral del frente de onda en el infarto de miocardio humano. Revista Espanola De Cardiologia, 2021, 74, 870-877. | 0.6 | 7 |
| 14 | Association of Genetic Variants With Outcomes in Patients With Nonischemic Dilated Cardiomyopathy. Journal of the American College of Cardiology, 2021, 78, 1682-1699. | 1.2 | 55 |
| 15 | Characterization of hereditary transthyretin cardiac amyloidosis in Spain. Revista Espanola De Cardiologia (English Ed ), 2021, , . | 0.4 | 1 |
| 16 | Safety and the identification of modifiable factors in older patients discharged from the emergency department with acute heart failure. Emergencias, 2021, 33, 161-162. | 0.6 | 6 |
| 17 | Exercise-induced cardio-pulmonary remodelling in endurance athletes: Not only the heart adapts. European Journal of Preventive Cardiology, 2020, 27, 651-659. | 0.8 | 12 |
| 18 | Plasma-Derived Extracellular Vesicles as Potential Biomarkers in Heart Transplant Patient with Chronic Chagas Disease. Emerging Infectious Diseases, 2020, 26, 1846-1851. | 2.0 | 11 |

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|---|---|---|---|
| 19 | MitraClip Implantation for HemolyticÂAnemia Treatment After Surgical Mitral Valve Repair. JACC: Cardiovascular Interventions, 2020, 13, e85-e86. | 1.1 | 1 |
| 20 | Neurohormonal Modulation as a Therapeutic Target in Pulmonary Hypertension. Cells, 2020, 9, 2521. | 1.8 | 4 |
| 21 | Prognostic Value of Cardiac Magnetic Resonance Estimates of Ventriculoarterial Coupling in Pulmonary Hypertension. JACC: Cardiovascular Imaging, 2020, 13, 2268-2270. | 2.3 | 2 |
| 22 | A combined approach to treat heparin-induced thrombocytopaenia before heart transplant. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 881-883. | 0.5 | 4 |
| 23 | Design of the Î²3-Adrenergic Agonist Treatment in Chronic Pulmonary Hypertension Secondary to HeartÂFailureÂTrial. JACC Basic To Translational Science, 2020, 5, 317-327. | 1.9 | 12 |
| 24 | Reply from the authors: Moving forward to identify those highly-trained athletes with potentially worse adaptation to intense exercise. European Journal of Preventive Cardiology, 2020, 27, 2071-2072. | 0.8 | 0 |
| 25 | Sudden Cardiac Death and Copy Number Variants: What Do We Know after 10 Years of Genetic Analysis?. Forensic Science International: Genetics, 2020, 47, 102281. | 1.6 | 20 |
| 26 | Reanalysis and reclassification of rare genetic variants associated with inherited arrhythmogenic syndromes. EBioMedicine, 2020, 54, 102732. | 2.7 | 46 |
| 27 | Pediatric Malignant Arrhythmias Caused by Rare Homozygous Genetic Variants in TRDN: A Comprehensive Interpretation. Frontiers in Pediatrics, 2020, 8, 601708. | 0.9 | 3 |
| 28 | Transition from postâ€capillary pulmonary hypertension to combined preâ€and postâ€capillary pulmonary hypertension in swine: a key role for endothelin. Journal of Physiology, 2019, 597, 1157-1173. | 1.3 | 23 |
| 29 | Clinical Findings and Prognosis of Danon Disease. An Analysis of the Spanish Multicenter Danon Registry. Revista Espanola De Cardiologia (English Ed ), 2019, 72, 479-486. | 0.4 | 9 |
| 30 | Personalized Interpretation and Clinical Translation of Genetic Variants Associated With Cardiomyopathies. Frontiers in Genetics, 2019, 10, 450. | 1.1 | 6 |
| 31 | Effect of pulmonary artery denervation in postcapillary pulmonary hypertension: results of a randomized controlled translational study. Basic Research in Cardiology, 2019, 114, 5. | 2.5 | 16 |
| 32 | Myocardial Delayed Enhancement in Chagas Heart Disease. Journal of the American College of Cardiology, 2018, 72, 2588-2590. | 1.2 | 1 |
| 33 | Hypertrophic cardiomyopathy: Sudden cardiac death risk stratification in adults. Global Cardiology Science & Practice, 2018, 2018, 25. | 0.3 | 11 |
| 34 | Spanish Heart Transplant Registry. 29th Official Report of the Spanish Society of Cardiology Working Group on Heart Failure. Revista Espanola De Cardiologia (English Ed ), 2018, 71, 952-960. | 0.4 | 1 |
| 35 | Initial experience with bosentan for the management of pulmonary hypertension after heart transplantation. Clinical Transplantation, 2018, 32, e13364. | 0.8 | 0 |
| 36 | Mirabegron, a Clinically Approved Î²3 Adrenergic Receptor Agonist, Does Not Reduce Infarct Size in a Swine Model of Reperfused Myocardial Infarction. Journal of Cardiovascular Translational Research, 2018, 11, 310-318. | 1.1 | 9 |

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|---|---|---|---|
| 37 | Bloodless reperfusion with the oxygen carrier HBOC-201 in acute myocardial infarction: a novel platform for cardioprotective probes delivery. Basic Research in Cardiology, 2017, 112, 17. | 2.5 | 30 |
| 38 | Intracoronary Administration of Allogeneic Adipose Tissueâ€"Derived Mesenchymal Stem Cells Improves Myocardial Perfusion But Not Left Ventricle Function, in a Translational Model of Acute Myocardial Infarction. Journal of the American Heart Association, 2017, 6, . | 1.6 | 43 |
| 39 | Accuracy of Area at Risk Quantification by Cardiac Magnetic Resonance According to the Myocardial Infarction Territory. Revista Espanola De Cardiologia (English Ed ), 2017, 70, 323-330. | 0.4 | 9 |
| 40 | Study on microparticles in a posthrombotic hypertension animal model. , 2017, , . | | 0 |
| 41 | Impact of the Timing of Metoprolol Administration During STEMI on InfarctÂSize and Ventricular Function. Journal of the American College of Cardiology, 2016, 67, 2093-2104. | 1.2 | 84 |
| 42 | Intratracheal Gene Delivery of SERCA2a Ameliorates Chronic Post-Capillary Pulmonary Hypertension. Journal of the American College of Cardiology, 2016, 67, 2032-2046. | 1.2 | 62 |
| 43 | Unfavorable bioresorbable vascular scaffold resorption, a cause of restenosis?. Cardiovascular Revascularization Medicine, 2016, 17, 571-573. | 0.3 | 1 |
| 44 | Magnetic Resonance Characterization of Cardiac Adaptation and Myocardial Fibrosis in Pulmonary Hypertension Secondary to Systemic-To-Pulmonary Shunt. Circulation: Cardiovascular Imaging, 2016, 9, . | 1.3 | 9 |
| 45 | Beta-3 adrenergic agonists reduce pulmonary vascular resistance and improve right ventricular performance in a porcine model of chronic pulmonary hypertension. Basic Research in Cardiology, 2016, 111, 49. | 2.5 | 36 |
| 46 | The Quest for Metabolic Biomarkers ofÂPulmonary Hypertension â^—. Journal of the American College of Cardiology, 2016, 67, 190-192. | 1.2 | 3 |
| 47 | Efficacy and Safety of Out-of-Hospital Intravenous Metoprolol Administration in Anterior ST-Segment Elevation Acute Myocardial Infarction: Insights From the METOCARD-CNIC Trial. Annals of Emergency Medicine, 2015, 65, 318-324. | 0.3 | 16 |
| 48 | Association of Myocardial T1-Mapping CMR With Hemodynamics and RV Performance in Pulmonary Hypertension. JACC: Cardiovascular Imaging, 2015, 8, 76-82. | 2.3 | 71 |
| 49 | Impact of Left Ventricular Hypertrophy on Troponin Release During Acute Myocardial Infarction: New Insights From a Comprehensive Translational Study. Journal of the American Heart Association, 2015, 4, e001218. | 1.6 | 16 |
| 50 | Myocardial Edema After Ischemia/Reperfusion Is Not Stable andÂFollowsÂaÂBimodal Pattern. Journal of the American College of Cardiology, 2015, 65, 315-323. | 1.2 | 185 |
| 51 | Combination Proximal Pulmonary Artery Coiling and Distal Embolization Induces Chronic Elevations in Pulmonary Artery Pressure in Swine. PLoS ONE, 2015, 10, e0124526. | 1.1 | 15 |
| 52 | Response to Letter Regarding Article, â€œEffect of Early Metoprolol on Infarct Size in ST-Segmentâ€"Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention: The Effect of Metoprolol in Cardioprotection During an Acute Myocardial Infarction (METOCARD-CNIC) Trialâ€• Circulation, 2014, 130, e19-20. | 1.6 | 2 |
| 53 | Additional value of B-type natriuretic peptide on discrimination of patients at risk for mortality after a non-ST-segment elevation acute coronary syndrome. European Heart Journal: Acute Cardiovascular Care, 2014, 3, 132-140. | 0.4 | 16 |
| 54 | Long-Term Benefit of Early Pre-Reperfusion Metoprolol Administration in Patients With Acute Myocardial Infarction. Journal of the American College of Cardiology, 2014, 63, 2356-2362. | 1.2 | 162 |

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|---|---|---|---|
| 55 | Metabolomics Reveals Metabolite Changes in Acute Pulmonary Embolism. Journal of Proteome Research, 2014, 13, 805-816. | 1.8 | 45 |
| 56 | Characterization of right ventricular remodeling and failure in a chronic pulmonary hypertension model. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1204-H1215. | 1.5 | 82 |
| 57 | Î²3 adrenergic receptor selective stimulation during ischemia/reperfusion improves cardiac function in translational models through inhibition of mPTP opening in cardiomyocytes. Basic Research in Cardiology, 2014, 109, 422. | 2.5 | 63 |
| 58 | Swine Model of Chronic Postcapillary Pulmonary Hypertension with Right Ventricular Remodeling: Long-Term Characterization by Cardiac Catheterization, Magnetic Resonance, and Pathology. Journal of Cardiovascular Translational Research, 2014, 7, 494-506. | 1.1 | 34 |
| 59 | Prevalence and severity of ventricular dysfunction in patients with HIV-related pulmonary arterial hypertension. Heart and Lung: Journal of Acute and Critical Care, 2014, 43, 256-261. | 0.8 | 7 |
| 60 | Imagining the Future of Diagnostic Imaging. Revista Espanola De Cardiologia (English Ed ), 2013, 66, 134-143. | 0.4 | 2 |
| 61 | Noninvasive Monitoring of Serial Changes in Pulmonary Vascular Resistance and Acute Vasodilator Testing Using Cardiac Magnetic Resonance. Journal of the American College of Cardiology, 2013, 62, 1621-1631. | 1.2 | 37 |
| 62 | Myocardial involvement in Chagas disease: Insights from cardiac magnetic resonance. International Journal of Cardiology, 2013, 165, 107-112. | 0.8 | 75 |
| 63 | Effect of Early Metoprolol on Infarct Size in ST-Segmentâ€“Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention. Circulation, 2013, 128, 1495-1503. | 1.6 | 321 |
| 64 | Respiratory ventricular area changes measured with real-time cardiac magnetic resonance: A new, accurate, and reproducible approach for the diagnosis of pericardial constriction. International Journal of Cardiology, 2013, 166, 267-271. | 0.8 | 8 |
| 65 | Coronary CT and the Coronary Calcium Score, the Future of ED Risk Stratification?. Current Cardiology Reviews, 2012, 8, 86-97. | 0.6 | 16 |
| 66 | Right ventriculo-arterial coupling in pulmonary hypertension: a magnetic resonance study. Heart, 2012, 98, 238-243. | 1.2 | 247 |
| 67 | New index alpha improves detection of pulmonary hypertension in comparison with other cardiac magnetic resonance indices. International Journal of Cardiology, 2012, 161, 25-30. | 0.8 | 25 |
| 68 | Serial phase-contrast MRI for prediction of pulmonary hemodynamic changes in patients with pulmonary arterial hypertension. International Journal of Cardiology, 2012, 157, 140-142. | 0.8 | 11 |
| 69 | RV Dysfunction In Pulmonary Hypertension Is Independently Related To Pulmonary Artery Stiffness. JACC: Cardiovascular Imaging, 2012, 5, 378-387. | 2.3 | 131 |
| 70 | Usefulness of Cardiac Computed Tomographic Delayed Contrast Enhancement of the Left Atrial Appendage Before Pulmonary Vein Ablation. American Journal of Cardiology, 2012, 109, 677-684. | 0.7 | 56 |
| 71 | Influence of Comorbid Conditions on One-Year Outcomes in Nonâ€“ST-Segment Elevation Acute Coronary Syndrome. Mayo Clinic Proceedings, 2011, 86, 291-296. | 1.4 | 55 |
| 72 | Myocardial Deformation Analysis in Chagas Heart Disease With the Use of Speckle Tracking Echocardiography. Journal of Cardiac Failure, 2011, 17, 1028-1034. | 0.7 | 42 |

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|---|---|---|---|
| 73 | Evaluation of right ventricular function and post-operative findings using cardiac computed tomography in patients with left ventricular assist devices. Journal of Heart and Lung Transplantation, 2011, 30, 896-903. | 0.3 | 24 |
| 74 | Diagnostic Value of Coronary Artery Calcium Scoring in Low-Intermediate Risk Patients Evaluated in the Emergency Department for Acute Coronary Syndrome. American Journal of Cardiology, 2011, 107, 17-23. | 0.7 | 44 |
| 75 | Apical right ventricular dysfunction in patients with pulmonary hypertension demonstrated with magnetic resonance. Heart, 2011, 97, 1250-1256. | 1.2 | 26 |
| 76 | Non-invasive estimation of pulmonary vascular resistance with cardiac magnetic resonance. European Heart Journal, 2011, 32, 2438-2445. | 1.0 | 79 |
| 77 | Chagas Cardiomiopathy: The Potential of Diastolic Dysfunction and Brain Natriuretic Peptide in the Early Identification of Cardiac Damage. PLoS Neglected Tropical Diseases, 2010, 4, e826. | 1.3 | 52 |
| 78 | Lipid-Rich Obstructive Coronary Lesions. JACC: Cardiovascular Imaging, 2010, 3, 893-895. | 2.3 | 11 |
| 79 | Severe aortic regurgitation and reduced left ventricular ejection fraction: Outcomes after isolated aortic valve replacement and combined surgery. Journal of Heart and Lung Transplantation, 2010, 29, 445-448. | 0.3 | 8 |
| 80 | Atypical cardiac manifestation of hypereosinophilic syndrome and reversible cardiotoxicity to imatinib. International Journal of Cardiology, 2010, 139, e29-e31. | 0.8 | 15 |
| 81 | Randomized comparison between clinical evaluation plus N-terminal proâ€“B-type natriuretic peptide versus exercise testing for decision making in acute chest pain of uncertain origin. American Heart Journal, 2010, 159, 176-182. | 1.2 | 6 |
| 82 | Early Risk Stratification of Patients With Cardiogenic Shock Complicating Acute Myocardial Infarction Who Undergo Percutaneous Coronary Intervention. American Journal of Cardiology, 2009, 103, 1073-1077. | 0.7 | 25 |
| 83 | Long-Term Effect of Cardiac Resynchronization Therapy on Functional Mitral Valve Regurgitation. American Journal of Cardiology, 2009, 104, 383-388. | 0.7 | 54 |
| 84 | Relation of Plasma Brain Natriuretic Peptide Levels on Admission for ST-Elevation Myocardial Infarction to Left Ventricular End-Diastolic Volume Six Months Later Measured by Both Echocardiography and Cardiac Magnetic Resonance. American Journal of Cardiology, 2009, 104, 878-882. | 0.7 | 29 |
| 85 | New Insights in the Management of Cardiogenic Shock Complicating Myocardial Infarction: Role of Urgent Heart Transplantation. Journal of Heart and Lung Transplantation, 2008, 27, 984-989. | 0.3 | 7 |