# Marco V Perez

List of Publications by Year
in descending order

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|---|---|---|---|
| 106<br>papers | 5,728<br>citations | 126708<br>33<br>h-index | 82410<br>72<br>g-index |
| 135<br>all docs | 135<br>docs citations | 135<br>times ranked | 8496<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Large-Scale Assessment of a Smartwatch to Identify Atrial Fibrillation. New England Journal of Medicine, 2019, 381, 1909-1917. | 13.9 | 1,100 |
| 2 | International Recommendations for Electrocardiographic Interpretation in Athletes. Journal of the American College of Cardiology, 2017, 69, 1057-1075. | 1.2 | 318 |
| 3 | Rationale and design of a large-scale, app-based study to identify cardiac arrhythmias using a smartwatch: The Apple Heart Study. American Heart Journal, 2019, 207, 66-75. | 1.2 | 311 |
| 4 | International criteria for electrocardiographic interpretation in athletes: Consensus statement. British Journal of Sports Medicine, 2017, 51, 704-731. | 3.1 | 291 |
| 5 | Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952. | 9.4 | 279 |
| 6 | An International, Multicentered, Evidence-Based Reappraisal of Genes Reported to Cause Congenital Long QT Syndrome. Circulation, 2020, 141, 418-428. | 1.6 | 238 |
| 7 | International recommendations for electrocardiographic interpretation in athletes. European Heart Journal, 2018, 39, 1466-1480. | 1.0 | 237 |
| 8 | Interpretation of the Electrocardiogram of Young Athletes. Circulation, 2011, 124, 746-757. | 1.6 | 204 |
| 9 | Whole-Exome Sequencing Identifies Rare and Low-Frequency Coding Variants Associated with LDL Cholesterol. American Journal of Human Genetics, 2014, 94, 233-245. | 2.6 | 193 |
| 10 | Early Repolarization in an Ambulatory Clinical Population. Circulation, 2011, 124, 2208-2214. | 1.6 | 148 |
| 11 | Electrocardiographic predictors of atrial fibrillation. American Heart Journal, 2009, 158, 622-628. | 1.2 | 107 |
| 12 | Artificial Intelligence and Machine Learning in Arrhythmias and Cardiac Electrophysiology. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007952. | 2.1 | 96 |
| 13 | Genome Editing of Induced Pluripotent Stem Cells to Decipher Cardiac Channelopathy Variant. Journal of the American College of Cardiology, 2018, 72, 62-75. | 1.2 | 94 |
| 14 | Feasibility of Extended Ambulatory Electrocardiogram Monitoring to Identify Silent Atrial Fibrillation in High‐risk Patients: The Screening Study for Undiagnosed Atrial Fibrillation (<scp>STUDY‐AF</scp>). Clinical Cardiology, 2015, 38, 285-292. | 0.7 | 86 |
| 15 | Obesity, Physical Activity, and Their Interaction in Incident Atrial Fibrillation in Postmenopausal Women. Journal of the American Heart Association, 2014, 3, . | 1.6 | 83 |
| 16 | Addition of the Electrocardiogram to the Preparticipation Examination of College Athletes. Clinical Journal of Sport Medicine, 2010, 20, 98-105. | 0.9 | 79 |
| 17 | Risk factors for atrial fibrillation and their population burden in postmenopausal women: the Women's Health Initiative Observational Study. Heart, 2013, 99, 1173-1178. | 1.2 | 76 |
| 18 | Cardiopulmonary Responses and Prognosis in Hypertrophic Cardiomyopathy. JACC: Heart Failure, 2015, 3, 408-418. | 1.9 | 72 |

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|---|---------|-----|-----------|
| 19 | The prognostic value of early repolarization with ST-segment elevation in African Americans. Heart Rhythm, 2012, 9, 558-565. | 0.3 | 64 |
| 20 | Accuracy of Smartphone Camera Applications for Detecting Atrial Fibrillation. JAMA Network Open, 2020, 3, e202064. | 2.8 | 62 |
| 21 | Evaluation of gene validity for CPVT and short QT syndrome in sudden arrhythmic death. European Heart Journal, 2022, 43, 1500-1510. | 1.0 | 57 |
| 22 | Effects of Postmenopausal Hormone Therapy on Incident Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 1108-1116. | 2.1 | 53 |
| 23 | Interdisciplinary psychosocial care for families with inherited cardiovascular diseases. Trends in Cardiovascular Medicine, 2016, 26, 647-653. | 2.3 | 52 |
| 24 | Prevalence and Clinical Correlates of Right Ventricular Dysfunction in Patients With Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2014, 113, 361-367. | 0.7 | 48 |
| 25 | Molecular diagnosis of long QT syndrome at 10 days of life by rapid whole genome sequencing. Heart Rhythm, 2014, 11, 1707-1713. | 0.3 | 48 |
| 26 | Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. Genome Biology, 2018, 19, 87. | 3.8 | 47 |
| 27 | Body composition and atrial fibrillation: a Mendelian randomization study. European Heart Journal, 2019, 40, 1277-1282. | 1.0 | 47 |
| 28 | Incident Atrial Fibrillation Is Associated With *MYH7* Sarcomeric Gene Variation in Hypertrophic Cardiomyopathy. Circulation: Heart Failure, 2018, 11, e005191. | 1.6 | 46 |
| 29 | Research Priorities in Atrial Fibrillation Screening. Circulation, 2021, 143, 372-388. | 1.6 | 42 |
| 30 | Early somatic mosaicism is a rare cause of long-QT syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11555-11560. | 3.3 | 39 |
| 31 | An International Multicenter Evaluation of Type 5 Long QT Syndrome. Circulation, 2020, 141, 429-439. | 1.6 | 39 |
| 32 | Patterns and prognosis of all components of the J-wave pattern in multiethnic athletes and ambulatory patients. American Heart Journal, 2014, 167, 259-266. | 1.2 | 38 |
| 33 | Genetic Investigation Into the Differential Risk of Atrial Fibrillation Among Black and White Individuals. JAMA Cardiology, 2016, 1, 442. | 3.0 | 35 |
| 34 | Exercise effects on cardiovascular disease: from basic aspects to clinical evidence. Cardiovascular Research, 2022, 118, 2253-2266. | 1.8 | 35 |
| 35 | Epigenetic Age and the Risk of Incident Atrial Fibrillation. Circulation, 2021, 144, 1899-1911. | 1.6 | 35 |
| 36 | Whole Exome Sequencing in Atrial Fibrillation. PLoS Genetics, 2016, 12, e1006284. | 1.5 | 35 |

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|---|---------|-----|-----------|
| 37 | Lean body mass and risk of incident atrial fibrillation in post-menopausal women. European Heart Journal, 2016, 37, 1606-1613. | 1.0 | 34 |
| 38 | Semantic Confusion: The Case of Early Repolarization and the J Point. American Journal of Medicine, 2012, 125, 843-844. | 0.6 | 31 |
| 39 | Exercise capacity and paroxysmal atrial fibrillation in patients with hypertrophic cardiomyopathy. Heart, 2014, 100, 624-630. | 1.2 | 31 |
| 40 | Systems Genomics Identifies a Key Role for Hypocretin/Orexin Receptor-2 in Human Heart Failure. Journal of the American College of Cardiology, 2015, 66, 2522-2533. | 1.2 | 31 |
| 41 | The associations of leptin, adiponectin and resistin with incident atrial fibrillation in women. Heart, 2016, 102, 1354-1362. | 1.2 | 31 |
| 42 | Racial and ethnic differences in atrial fibrillation risk factors and predictors in women: Findings from the Women's Health Initiative. American Heart Journal, 2016, 176, 70-77. | 1.2 | 31 |
| 43 | Gender Differences in Ventricular Remodeling and Function in College Athletes, Insights from Lean Body Mass Scaling and Deformation Imaging. American Journal of Cardiology, 2015, 116, 1610-1616. | 0.7 | 30 |
| 44 | Broad Genetic Testing in a Clinical Setting Uncovers a High Prevalence of Titin Loss-of-Function Variants in Very Early Onset Atrial Fibrillation. Circulation Genomic and Precision Medicine, 2019, 12, e002713. | 1.6 | 30 |
| 45 | Cost-Effectiveness of Genetic Testing in Family Members of Patients With Long-QT Syndrome. Circulation: Cardiovascular Quality and Outcomes, 2011, 4, 76-84. | 0.9 | 28 |
| 46 | ExomeChip-Wide Analysis of 95 626 Individuals Identifies 10 Novel Loci Associated With QT and JT Intervals. Circulation Genomic and Precision Medicine, 2018, 11, e001758. | 1.6 | 27 |
| 47 | Race and Ethnicity, Obesity, Metabolic Health, and Risk of Cardiovascular Disease in Postmenopausal Women. Journal of the American Heart Association, 2015, 4, . | 1.6 | 25 |
| 48 | Adding an Electrocardiogram to the Pre-participation Examination in Competitive Athletes: A Systematic Review. Current Problems in Cardiology, 2009, 34, 586-662. | 1.1 | 24 |
| 49 | Safety and Clinical Outcomes of Catheter Ablation of Atrial Fibrillation in Patients With Chronic Kidney Disease. Journal of Cardiovascular Electrophysiology, 2017, 28, 39-48. | 0.8 | 24 |
| 50 | Comparison of QT Interval Measurement Methods and Correction Formulas in Atrial Fibrillation. American Journal of Cardiology, 2019, 123, 1822-1827. | 0.7 | 24 |
| 51 | Combining Clinical and Polygenic Risk Improves Stroke Prediction Among Individuals With Atrial Fibrillation. Circulation Genomic and Precision Medicine, 2021, 14, e003168. | 1.6 | 24 |
| 52 | Arrhythmias Other Than Atrial Fibrillation in Those With an Irregular Pulse Detected With a Smartwatch: Findings From the Apple Heart Study. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010063. | 2.1 | 23 |
| 53 | P-Wave Characteristics on Routine Preoperative Electrocardiogram Improve Prediction of New-Onset Postoperative Atrial Fibrillation in Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 1497-1504. | 0.6 | 21 |
| 54 | Systematic Comparison of Digital Electrocardiograms From Healthy Athletes and Patients With Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2015, 65, 2462-2463. | 1.2 | 20 |

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|---|---------|-----|-----------|
| 55 | No evidence of a causal association of type 2 diabetes and glucose metabolism with atrial fibrillation. Diabetologia, 2019, 62, 800-804. | 2.9 | 20 |
| 56 | Athletic Remodeling in Female College Athletes: The "Morganroth Hypothesis" Revisited. Clinical Journal of Sport Medicine, 2019, 29, 224-231. | 0.9 | 20 |
| 57 | Digital Health and the Care of the Patient With Arrhythmia. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007953. | 2.1 | 20 |
| 58 | Amiodarone in the COVID-19 Era: Treatment for Symptomatic Patients Only, or Drug to Prevent Infection?. American Journal of Cardiovascular Drugs, 2020, 20, 413-418. | 1.0 | 20 |
| 59 | Special Article - Exercise-induced right ventricular injury or arrhythmogenic cardiomyopathy (ACM): The bright side and the dark side of the moon. Progress in Cardiovascular Diseases, 2020, 63, 671-681. | 1.6 | 20 |
| 60 | Inappropriate pacing in a patient with managed ventricular pacing: What is the cause?. Heart Rhythm, 2010, 7, 1336-1337. | 0.3 | 19 |
| 61 | Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. Circulation Genomic and Precision Medicine, 2018, 11, e002037. | 1.6 | 19 |
| 62 | Genome-wide association study of heart rate and its variability in Hispanic/Latino cohorts. Heart Rhythm, 2017, 14, 1675-1684. | 0.3 | 18 |
| 63 | Computerized Q wave dimensions in athletes and hypertrophic cardiomyopathy patients. Journal of Electrocardiology, 2015, 48, 362-367. | 0.4 | 16 |
| 64 | Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. Circulation Genomic and Precision Medicine, 2020, 13, 387-395. | 1.6 | 16 |
| 65 | Apelin increases atrial conduction velocity, refractoriness, and prevents inducibility of atrial fibrillation. JCI Insight, 2020, 5, . | 2.3 | 15 |
| 66 | How Will Genetics Inform the Clinical Care of Atrial Fibrillation?. Circulation Research, 2020, 127, 111-127. | 2.0 | 14 |
| 67 | Association Between Success Rate and Citation Count of Studies of Radiofrequency Catheter Ablation for Atrial Fibrillation. Circulation: Cardiovascular Quality and Outcomes, 2014, 7, 687-692. | 0.9 | 13 |
| 68 | Long-Term Exposures to Air Pollution and the Risk of Atrial Fibrillation in the Women's Health Initiative Cohort. Environmental Health Perspectives, 2021, 129, 97007. | 2.8 | 13 |
| 69 | Latent Obstruction and Left Atrial Size Are Predictors of Clinical Deterioration Leading to Septal Reduction in Hypertrophic Cardiomyopathy. Journal of Cardiac Failure, 2014, 20, 236-243. | 0.7 | 12 |
| 70 | Thiazolidinediones and Risk of Atrial Fibrillation Among Patients with Diabetes and Coronary Disease. American Journal of Medicine, 2018, 131, 805-812. | 0.6 | 12 |
| 71 | Vitamin D with calcium supplementation and risk of atrial fibrillation in postmenopausal women. American Heart Journal, 2019, 209, 68-78. | 1.2 | 12 |
| 72 | Added Value of a Resting ECG Neural Network That Predicts Cardiovascular Mortality. Annals of Noninvasive Electrocardiology, 2009, 14, 26-34. | 0.5 | 11 |

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|---|---------|----|-----------| 
| 73 | African American race but not genome-wide ancestry is negatively associated with atrial fibrillation among postmenopausal women in the Women's Health Initiative. American Heart Journal, 2013, 166, 566-572.e1. | 1.2 | 10 |
| 74 | Prognostic implications of the J wave ECG patterns. Journal of Electrocardiology, 2013, 46, 408-410. | 0.4 | 9 |
| 75 | Left atrial function and phenotypes in asymmetric hypertrophic cardiomyopathy. Echocardiography, 2017, 34, 843-850. | 0.3 | 9 |
| 76 | Antiarrhythmic drug loading at home using remote monitoring: a virtual feasibility study during COVID-19 social distancing. European Heart Journal Digital Health, 2021, 2, 259-262. | 0.7 | 7 |
| 77 | Rare Coding Variants Associated With Electrocardiographic Intervals Identify Monogenic Arrhythmia Susceptibility Genes: A Multi-Ancestry Analysis. Circulation Genomic and Precision Medicine, 2021, 14, e003300. | 1.6 | 7 |
| 78 | Disruption of protein quality control of the human ether-Ã-go-go related gene K+ channel results in profound long QT syndrome. Heart Rhythm, 2022, 19, 281-292. | 0.3 | 7 |
| 79 | Role of digital health in detection and management of atrial fibrillation. Heart, 2022, 108, 834-839. | 1.2 | 6 |
| 80 | Electrocardiographic Repolarizationâ€Related Variables as Predictors of Coronary Heart Disease Death in the Women's Health Initiative Study. Journal of the American Heart Association, 2014, 3, . | 1.6 | 5 |
| 81 | Large Q and S waves in lead III on the electrocardiogram distinguish patients with hypertrophic cardiomyopathy from athletes. Heart, 2018, 104, 1871-1877. | 1.2 | 5 |
| 82 | Management of Congenital Long-QT Syndrome: Commentary From the Experts. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009726. | 2.1 | 5 |
| 83 | Contributions of the Womenâ€™s Health Initiative to Cardiovascular Research. Journal of the American College of Cardiology, 2022, 80, 256-275. | 1.2 | 5 |
| 84 | Genetics of Arrhythmia: Disease Pathways Beyond Ion Channels. Journal of Cardiovascular Translational Research, 2008, 1, 155-165. | 1.1 | 4 |
| 85 | Generation of three induced pluripotent stem cell lines, SCVIi003-A, SCVIi004-A, SCVIi005-A, from patients with ARVD/C caused by heterozygous mutations in the PKP2 gene. Stem Cell Research, 2021, 53, 102284. | 0.3 | 4 |
| 86 | Generation of three heterozygous KCNH2 mutation-carrying human induced pluripotent stem cell lines for modeling LQT2 syndrome. Stem Cell Research, 2021, 54, 102402. | 0.3 | 4 |
| 87 | Lessons learned in the Apple Heart Study and implications for the data management of future digital clinical trials. Journal of Biopharmaceutical Statistics, 0, , 1-15. | 0.4 | 4 |
| 88 | J wave patterns and their prognostic value in African Americans. Journal of Electrocardiology, 2013, 46, 442-445. | 0.4 | 3 |
| 89 | Genetic risk for atrial fibrillation could motivate patient adherence to warfarin therapy: a cost effectiveness analysis. BMC Cardiovascular Disorders, 2015, 15, 104. | 0.7 | 3 |
| 90 | Sedentary Behavior and Atrial Fibrillation in Older Women: The OPACH Study. Journal of the American Heart Association, 2022, 11, e023833. | 1.6 | 3 |

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|---|---------|-----|-----------|
| 91 | Generation of two induced pluripotent stem cell lines from Brugada syndrome affected patients carrying SCN5A mutations. Stem Cell Research, 2021, 57, 102605. | 0.3 | 2 |
| 92 | Getting Smart About Wearable ECG Interpretation in the Clinic. JACC: Clinical Electrophysiology, 2022, 8, 792-794. | 1.3 | 2 |
| 93 | Personalized Medicine and Cardiovascular Disease: From Genome to Bedside. Current Cardiovascular Risk Reports, 2011, 5, 542-551. | 0.8 | 1 |
| 94 | Deep Neural Network Trained on Surface ECG Improves Diagnostic Accuracy of Prior Myocardial Infarction Over Q Wave Analysis. , 2021, , . | | 1 |
| 95 | The development of a mobile appâ€focused deduplication strategy for the Apple Heart Study that informs recommendations for future digital trials. Stat, 2022, 11, . | 0.3 | 1 |
| 96 | Reply to the Editorâ€"Inappropriate Pacing in a Patient with Managed Ventricular Pacing: What Is the Cause?. Heart Rhythm, 2010, 7, e3. | 0.3 | 0 |
| 97 | Reply to van Oosten et al: â€œP-Wave Characteristics on Routine Preoperative Electrocardiogram Improve Prediction of New-Onset Postoperative Atrial Fibrillation in Cardiac Surgeryâ€• Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, e63-e64. | 0.6 | 0 |
| 98 | Video-assisted thoracoscopic surgery to displace the phrenic nerve during endocardial ablation of right atrial tachycardia. HeartRhythm Case Reports, 2018, 4, 304-306. | 0.2 | 0 |
| 99 | Generation of three induced pluripotent stem cell lines (SCVIi014-A, SCVIi015-A, and SCVIi016-A) from patients with LQT1 caused by heterozygous mutations in the KCNQ1 gene. Stem Cell Research, 2021, 55, 102492. | 0.3 | 0 |
| 100 | Bradycardia. , 0, , 204-211. | | 0 |
| 101 | Pacemakers and ICD Troubleshooting. , 0, , 360-369. | | 0 |
| 102 | ECG Interpretation. , 0, , 272-282. | | 0 |
| 103 | Abstract 12075: Whole-Genome Sequencing at 10-Days of Life in Perinatal Long-QT Syndrome Yields New Insights Into Disease Pathogenesis. Circulation, 2014, 130, . | 1.6 | 0 |
| 104 | Abstract 311: Machine Learning of the Electrocardiogram to Detect Regional Structural Abnormalities of the Heart. Circulation, 2020, 142, . | 1.6 | 0 |
| 105 | Abstract 13771: Combining Clinical and Polygenic Risk Improves Stroke Prediction Among Individuals With Atrial Fibrillation. Circulation, 2020, 142, . | 1.6 | 0 |
| 106 | Abstract 14500: Physical Activity in Individuals With the Long Qt Syndrome: Baseline Data From the Lifestyle and Exercise in Long Qt Study (live lqts). Circulation, 2020, 142, . | 1.6 | 0 |