Marco V Perez

List of Publications by Citations

116 papers	3,394 citations	27 h-index	57 g-index
135 ext. papers	4,702 ext. citations	7.3 avg, IF	4.83 L-index

#	Paper	IF	Citations
116	Large-Scale Assessment of a Smartwatch to Identify Atrial Fibrillation. *New England Journal of Medicine*, **2019**, 381, 1909-1917	59.2	532
115	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	4.9	204
114	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
113	International Recommendations for Electrocardiographic Interpretation in Athletes. *Journal of the American College of Cardiology*, **2017**, 69, 1057-1075	15.1	171
112	Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. *American Journal of Human Genetics*, **2014**, 94, 233-45	11	170
111	Interpretation of the electrocardiogram of young athletes. *Circulation*, **2011**, 124, 746-57	16.7	163
110	International criteria for electrocardiographic interpretation in athletes: Consensus statement. *British Journal of Sports Medicine*, **2017**, 51, 704-731	10.3	159
109	International recommendations for electrocardiographic interpretation in athletes. *European Heart Journal*, **2018**, 39, 1466-1480	9.5	137
108	Early repolarization in an ambulatory clinical population. *Circulation*, **2011**, 124, 2208-14	16.7	125
107	An International, Multicentered, Evidence-Based Reappraisal of Genes Reported to Cause Congenital Long QT Syndrome. *Circulation*, **2020**, 141, 418-428	16.7	95
106	Electrocardiographic predictors of atrial fibrillation. *American Heart Journal*, **2009**, 158, 622-8	4.9	85
105	Feasibility of extended ambulatory electrocardiogram monitoring to identify silent atrial fibrillation in high-risk patients: the Screening Study for Undiagnosed Atrial Fibrillation (STUDY-AF). *Clinical Cardiology*, **2015**, 38, 285-92	3.3	66
104	Obesity, physical activity, and their interaction in incident atrial fibrillation in postmenopausal women. *Journal of the American Heart Association*, **2014**, 3,	6	65
103	Addition of the electrocardiogram to the preparticipation examination of college athletes. *Clinical Journal of Sport Medicine*, **2010**, 20, 98-105	3.2	64
102	Genome Editing of Induced Pluripotent Stem Cells to Decipher Cardiac Channelopathy Variant. *Journal of the American College of Cardiology*, **2018**, 72, 62-75	15.1	61
101	Risk factors for atrial fibrillation and their population burden in postmenopausal women: the Women's Health Initiative Observational Study. *Heart*, **2013**, 99, 1173-8	5.1	58
100	Cardiopulmonary responses and prognosis in hypertrophic cardiomyopathy: a potential role for comprehensive noninvasive hemodynamic assessment. *JACC: Heart Failure*, **2015**, 3, 408-418	7.9	51

99	The prognostic value of early repolarization with ST-segment elevation in African Americans. *Heart Rhythm*, **2012**, 9, 558-65	6.7	49
98	Prevalence and clinical correlates of right ventricular dysfunction in patients with hypertrophic cardiomyopathy. *American Journal of Cardiology*, **2014**, 113, 361-7	3	41
97	Artificial Intelligence and Machine Learning in Arrhythmias and Cardiac Electrophysiology. *Circulation: Arrhythmia and Electrophysiology*, **2020**, 13, e007952	6.4	38
96	Interdisciplinary psychosocial care for families with inherited cardiovascular diseases. *Trends in Cardiovascular Medicine*, **2016**, 26, 647-53	6.9	38
95	Molecular diagnosis of long QT syndrome at 10 days of life by rapid whole genome sequencing. *Heart Rhythm*, **2014**, 11, 1707-13	6.7	37
94	Effects of postmenopausal hormone therapy on incident atrial fibrillation: the WomenR Health Initiative randomized controlled trials. *Circulation: Arrhythmia and Electrophysiology*, **2012**, 5, 1108-16	6.4	35
93	Patterns and prognosis of all components of the J-wave pattern in multiethnic athletes and ambulatory patients. *American Heart Journal*, **2014**, 167, 259-66	4.9	31
92	Accuracy of Smartphone Camera Applications for Detecting Atrial Fibrillation: A Systematic Review and Meta-analysis. *JAMA Network Open*, **2020**, 3, e202064	10.4	30
91	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	11.5	30
90	Exercise capacity and paroxysmal atrial fibrillation in patients with hypertrophic cardiomyopathy. *Heart*, **2014**, 100, 624-30	5.1	29
89	Semantic confusion: the case of early repolarization and the J point. *American Journal of Medicine*, **2012**, 125, 843-4	2.4	27
88	Racial and ethnic differences in atrial fibrillation risk factors and predictors in women: Findings from the WomenR Health Initiative. *American Heart Journal*, **2016**, 176, 70-7	4.9	26
87	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25
86	Whole Exome Sequencing in Atrial Fibrillation. *PLoS Genetics*, **2016**, 12, e1006284	6	24
85	Body composition and atrial fibrillation: a Mendelian randomization study. *European Heart Journal*, **2019**, 40, 1277-1282	9.5	23
84	Systems Genomics Identifies a Key Role for Hypocretin/Orexin Receptor-2 in Human Heart Failure. *Journal of the American College of Cardiology*, **2015**, 66, 2522-33	15.1	22
83	The associations of leptin, adiponectin and resistin with incident atrial fibrillation in women. *Heart*, **2016**, 102, 1354-62	5.1	22
82	Research Priorities in Atrial Fibrillation Screening: A Report From a National Heart, Lung, and Blood Institute Virtual Workshop. *Circulation*, **2021**, 143, 372-388	16.7	22

81	Lean body mass and risk of incident atrial fibrillation in post-menopausal women. *European Heart Journal*, **2016**, 37, 1606-13	9.5	21
80	Incident Atrial Fibrillation Is Associated With MYH7 Sarcomeric Gene Variation in Hypertrophic Cardiomyopathy. *Circulation: Heart Failure*, **2018**, 11, e005191	7.6	21
79	Genetic Investigation Into the Differential Risk of Atrial Fibrillation Among Black and White Individuals. *JAMA Cardiology*, **2016**, 1, 442-50	16.2	20
78	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, 1610-6	3	19
77	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, 1497-504	2.1	19
76	Adding an electrocardiogram to the pre-participation examination in competitive athletes: a systematic review. *Current Problems in Cardiology*, **2009**, 34, 586-662	17.1	19
75	Cost-effectiveness of genetic testing in family members of patients with long-QT syndrome. *Circulation: Cardiovascular Quality and Outcomes*, **2011**, 4, 76-84	5.8	18
74	Systematic Comparison of Digital Electrocardiograms From Healthy Athletes and Patients With Hypertrophic Cardiomyopathy. *Journal of the American College of Cardiology*, **2015**, 65, 2462-3	15.1	16
73	Comparison of QT Interval Measurement Methods and Correction Formulas in Atrial Fibrillation. *American Journal of Cardiology*, **2019**, 123, 1822-1827	3	15
72	An International Multicenter Evaluation of Type 5 Long QT Syndrome: A Low Penetrant Primary Arrhythmic Condition. *Circulation*, **2020**, 141, 429-439	16.7	15
71	Safety and Clinical Outcomes of Catheter Ablation of Atrial Fibrillation in Patients With Chronic Kidney Disease. *Journal of Cardiovascular Electrophysiology*, **2017**, 28, 39-48	2.7	15
70	Race and ethnicity, obesity, metabolic health, and risk of cardiovascular disease in postmenopausal women. *Journal of the American Heart Association*, **2015**, 4,	6	15
69	Inappropriate pacing in a patient with managed ventricular pacing: what is the cause?. *Heart Rhythm*, **2010**, 7, 1336-7	6.7	14
68	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	4	14
67	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	5.2	14
66	Athletic Remodeling in Female College Athletes: The "Morganroth Hypothesis" Revisited. *Clinical Journal of Sport Medicine*, **2019**, 29, 224-231	3.2	13
65	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	5.2	12
64	Genome-wide association study of heart rate and its variability in Hispanic/Latino cohorts. *Heart Rhythm*, **2017**, 14, 1675-1684	6.7	11

63	Computerized Q wave dimensions in athletes and hypertrophic cardiomyopathy patients. *Journal of Electrocardiology*, **2015**, 48, 362-7	1.4	11
62	Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002037	5.2	11
61	Association between success rate and citation count of studies of radiofrequency catheter ablation for atrial fibrillation: possible evidence of citation bias. *Circulation: Cardiovascular Quality and Outcomes*, **2014**, 7, 687-92	5.8	10
60	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	8.5	10
59	Added value of a resting ECG neural network that predicts cardiovascular mortality. *Annals of Noninvasive Electrocardiology*, **2009**, 14, 26-34	1.5	9
58	Digital Health and the Care of the Patient With Arrhythmia: What Every Electrophysiologist Needs to Know. *Circulation: Arrhythmia and Electrophysiology*, **2020**, 13, e007953	6.4	9
57	No evidence of a causal association of type 2 diabetes and glucose metabolism with atrial fibrillation. *Diabetologia*, **2019**, 62, 800-804	10.3	9
56	Latent obstruction and left atrial size are predictors of clinical deterioration leading to septal reduction in hypertrophic cardiomyopathy. *Journal of Cardiac Failure*, **2014**, 20, 236-43	3.3	8
55	How Will Genetics Inform the Clinical Care of Atrial Fibrillation?. *Circulation Research*, **2020**, 127, 111-127	15.7	7
54	Thiazolidinediones and Risk of Atrial Fibrillation Among Patients with Diabetes and Coronary Disease. *American Journal of Medicine*, **2018**, 131, 805-812	2.4	7
53	African American race but not genome-wide ancestry is negatively associated with atrial fibrillation among postmenopausal women in the WomenR Health Initiative. *American Heart Journal*, **2013**, 166, 566-72	4.9	7
52	Apelin increases atrial conduction velocity, refractoriness, and prevents inducibility of atrial fibrillation. *JCI Insight*, **2020**, 5,	9.9	7
51	Prognostic implications of the J wave ECG patterns. *Journal of Electrocardiology*, **2013**, 46, 408-10	1.4	6
50	Left atrial function and phenotypes in asymmetric hypertrophic cardiomyopathy. *Echocardiography*, **2017**, 34, 843-850	1.5	5
49	Electrocardiographic repolarization-related variables as predictors of coronary heart disease death in the womenR health initiative study. *Journal of the American Heart Association*, **2014**, 3,	6	5
48	Evaluation of gene validity for CPVT and short QT syndrome in sudden arrhythmic death. *European Heart Journal*, **2021**,	9.5	5
47	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	6.4	5
46	Genetics of arrhythmia: disease pathways beyond ion channels. *Journal of Cardiovascular Translational Research*, **2008**, 1, 155-65	3.3	4

45	Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. *Circulation Genomic and Precision Medicine*, **2020**, 13, 387-395	5.2	4
44	Vitamin D with calcium supplementation and risk of atrial fibrillation in postmenopausal women. *American Heart Journal*, **2019**, 209, 68-78	4.9	4
43	J wave patterns and their prognostic value in African Americans. *Journal of Electrocardiology*, **2013**, 46, 442-5	1.4	3
42	Genetic risk for atrial fibrillation could motivate patient adherence to warfarin therapy: a cost effectiveness analysis. *BMC Cardiovascular Disorders*, **2015**, 15, 104	2.3	3
41	Combining Clinical and Polygenic Risk Improves Stroke Prediction Among Individuals With Atrial Fibrillation. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003168	5.2	3
40	Exercise Effects On Cardiovascular Disease: From Basic Aspects To Clinical Evidence. *Cardiovascular Research*, **2021**,	9.9	3
39	Cardiac MRI and CT303-325		3
38	Large Q and S waves in lead III on the electrocardiogram distinguish patients with hypertrophic cardiomyopathy from athletes. *Heart*, **2018**, 104, 1871-1877	5.1	2
37	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	1.6	2
36	Management of Congenital Long-QT Syndrome: Commentary From the Experts. *Circulation: Arrhythmia and Electrophysiology*, **2021**, 14, e009726	6.4	2
35	Epigenetic Age and the Risk of Incident Atrial Fibrillation. *Circulation*, **2021**,	16.7	2
34	Personalized Medicine and Cardiovascular Disease: From Genome to Bedside. *Current Cardiovascular Risk Reports*, **2011**, 5, 542-551	0.9	1
33	Generation of two induced pluripotent stem cell lines from Brugada syndrome affected patients carrying SCN5A mutations. *Stem Cell Research*, **2021**, 57, 102605	1.6	1
32	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	2.3	1
31	Generation of three heterozygous KCNH2 mutation-carrying human induced pluripotent stem cell lines for modeling LQT2 syndrome. *Stem Cell Research*, **2021**, 54, 102402	1.6	1
30	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	8.4	1
29	Rare Coding Variants Associated With Electrocardiographic Intervals Identify Monogenic Arrhythmia Susceptibility Genes: A Multi-Ancestry Analysis. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003300	5.2	0
28	Sedentary Behavior and Atrial Fibrillation in Older Women: The OPACH Study.. *Journal of the American Heart Association*, **2022**, e023833	6	0

27	Video-assisted thoracoscopic surgery to displace the phrenic nerve during endocardial ablation of right atrial tachycardia. *HeartRhythm Case Reports*, **2018**, 4, 304-306	1
26	How to Perform Defibrillation Threshold Testing **2017**, 111-117	
25	Reply to van Oosten et al: "P-Wave Characteristics on Routine Preoperative Electrocardiogram Improve Prediction of New-Onset Postoperative Atrial Fibrillation in Cardiac Surgery". *Journal of Cardiothoracic and Vascular Anesthesia*, **2015**, 29, e63-4	2.1
24	Reply to the Editor□Inappropriate Pacing in a Patient with Managed Ventricular Pacing: What Is the Cause?. *Heart Rhythm*, **2010**, 7, e3	6.7
23	Noninvasive Stress Testing293-302	
22	Care of the Cardiomyopathic Patient67-80	
21	Clinical Cardiac Hemodynamics326-339	
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