F Daniel Ramirez

List of Publications by Year in descending order

109 papers	2,407 citations	236925 25 h-index	254184 43 g-index
111 all docs	111 docs citations	111 times ranked	3236 citing authors

#	Article	IF	Citations
1	Milrinone as Compared with Dobutamine in the Treatment of Cardiogenic Shock. New England Journal of Medicine, 2021, 385, 516-525.	27.0	129
2	The Evolution of Coronary Stents: A Brief Review. Canadian Journal of Cardiology, 2014, 30, 35-45.	1.7	125
3	Natural History and Management of Aortocoronary Saphenous Vein Graft Aneurysms. Circulation, 2012, 126, 2248-2256.	1.6	122
4	Methodological Rigor in Preclinical Cardiovascular Studies. Circulation Research, 2017, 120, 1916-1926.	4.5	118
5	Standards and Methodological Rigor in Pulmonary Arterial Hypertension Preclinical and Translational Research. Circulation Research, 2018, 122, 1021-1032.	4.5	111
6	Methodological quality of COVID-19 clinical research. Nature Communications, 2021, 12, 943.	12.8	101
7	Pulsed field ablation selectively spares the oesophagus during pulmonary vein isolation for atrial fibrillation. Europace, 2021, 23, 1391-1399.	1.7	82
8	Validating QT-Interval Measurement Using the Apple Watch ECG to Enable Remote Monitoring During the COVID-19 Pandemic. Circulation, 2020, 142, 416-418.	1.6	79
9	Transradial Versus Transfemoral Artery Approach for Coronary Angiography and Percutaneous Coronary Intervention in the Extremely Obese. JACC: Cardiovascular Interventions, 2012, 5, 819-826.	2.9	74
10	Marshall bundle elimination, Pulmonary vein isolation, and Line completion for ANatomical ablation of persistent atrial fibrillation (Marshall-PLAN): Prospective, single-center study. Heart Rhythm, 2021, 18, 529-537.	0.7	65
11	Epicardial course of the septopulmonary bundle: Anatomical considerations and clinical implications for roof line completion. Heart Rhythm, 2021, 18, 349-357.	0.7	62
12	Sex Bias Is Increasingly Prevalent in Preclinical Cardiovascular Research: Implications for Translational Medicine and Health Equity for Women. Circulation, 2017, 135, 625-626.	1.6	54
13	Emerging Technologies for Pulmonary Vein Isolation. Circulation Research, 2020, 127, 170-183.	4.5	53
14	Impact of Vein of Marshall Ethanol Infusion on Mitral Isthmus Block. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008884.	4.8	49
15	Pulsed field ablation prevents chronic atrial fibrotic changes and restrictive mechanics after catheter ablation for atrial fibrillation. Europace, 2021, 23, 1767-1776.	1.7	43
16	Role of plasminogen activator inhibitor-1 in coronary pathophysiology. Thrombosis Research, 2018, 164, 54-62.	1.7	39
17	Optimal mean arterial pressure in comatose survivors of out-of-hospital cardiac arrest: An analysis of area below blood pressure thresholds. Resuscitation, 2018, 128, 175-180.	3.0	39
18	Vein of Marshall Ethanol Infusion: Feasibility, Pitfalls, and Complications in Over 700 Patients. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010001.	4.8	38

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19	Completely nonfluoroscopic catheter ablation of left atrial arrhythmias and ventricular tachycardia. Journal of Cardiovascular Electrophysiology, 2019, 30, 78-88.	1.7	36
20	New-onset atrial fibrillation and associated outcomes and resource use among critically ill adultsâ€”a multicenter retrospective cohort study. Critical Care, 2020, 24, 15.	5.8	36
21	The Effect of Statins on Circulating Endothelial Progenitor Cells in Humans. Journal of Cardiovascular Pharmacology, 2013, 62, 491-496.	1.9	35
22	Efficacy and safety of driverâ€guided catheter ablation for atrial fibrillation: A systematic review and metaâ€analysis. Journal of Cardiovascular Electrophysiology, 2017, 28, 1371-1378.	1.7	35
23	Accuracy of a Smartwatch-Derived ECG for Diagnosing Bradyarrhythmias, Tachyarrhythmias, and Cardiac Ischemia. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009260.	4.8	30
24	Purkinje network and myocardial substrate at the onset of human ventricular fibrillation: implications for catheter ablation. European Heart Journal, 2022, 43, 1234-1247.	2.2	30
25	Evaluation of Plasma Adenosine as a Marker of Cardiovascular Risk: Analytical and Biological Considerations. Journal of the American Heart Association, 2019, 8, e012228.	3.7	27
26	Smartwatch-based detection of cardiac arrhythmias: Beyond the differentiation between sinus rhythm and atrial fibrillation. Heart Rhythm, 2021, 18, 1524-1532.	0.7	27
27	90 vs 50-Watt Radiofrequency Applications for Pulmonary Vein Isolation: Experimental and Clinical Findings. Circulation: Arrhythmia and Electrophysiology, 2022, 15, 101161CIRCEP121010663.	4.8	27
28	Progenitor Cells for Arterial Repair: Incremental Advancements towards Therapeutic Reality. Stem Cells International, 2017, 2017, 1-14.	2.5	26
29	A randomised study for optimising crossover from ticagrelor to clopidogrel in patients with acute coronary syndrome. Thrombosis and Haemostasis, 2017, 117, 303-310.	3.4	25
30	Heat shock protein 27 attenuates neointima formation and accelerates reendothelialization after arterial injury and stent implantation: importance of vascular endothelial growth factor upâ€regulation. FASEB Journal, 2014, 28, 594-602.	0.5	24
31	Characterization of the Cysteinyl Leukotriene 2 Receptor in Novel Expression Sites of the Gastrointestinal Tract. American Journal of Pathology, 2011, 178, 2682-2689.	3.8	22
32	The association between mean arterial pressure and outcomes in patients with cardiogenic shock: insights from the DOREMI trial. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 712-720.	1.0	21
33	Impedance, power, and current in radiofrequency ablation: Insights from technical, ex vivo, and clinical studies. Journal of Cardiovascular Electrophysiology, 2020, 31, 2836-2845.	1.7	20
34	Efficacy of milrinone and dobutamine in low cardiac output states: Systematic review and meta-analysis. Clinical and Investigative Medicine, 2019, 42, E26-32.	0.6	20
35	Smartwatch Electrocardiograms for Automated and Manual Diagnosis of Atrial Fibrillation: A Comparative Analysis of Three Models. Frontiers in Cardiovascular Medicine, 2022, 9, 836375.	2.4	20
36	Impact of Center Experience on Patient Radiation Exposure During Transradial Coronary Angiography and Percutaneous Intervention: A Patientâ€Level, International, Collaborative, Multiâ€Center Analysis. Journal of the American Heart Association, 2016, 5, .	3.7	19

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37	Evaluation of a novel cardioversion intervention for atrial fibrillation: the Ottawa AF cardioversion protocol. Europace, 2019, 21, 708-715.	1.7	19
38	Ultralow temperature cryoablation: Safety and efficacy of preclinical atrial and ventricular lesions. Journal of Cardiovascular Electrophysiology, 2021, 32, 570-577.	1.7	19
39	Highâ€power, shortâ€duration atrial fibrillation ablation compared with a conventional approach: Outcomes and reconnection patterns. Journal of Cardiovascular Electrophysiology, 2021, 32, 1219-1228.	1.7	19
40	H2 Receptor Antagonists versus Proton Pump Inhibitors in Patients on Dual Antiplatelet Therapy for Coronary Artery Disease: A Systematic Review. Cardiology, 2018, 140, 115-123.	1.4	17
41	Prevalence of left atrial appendage thrombus detected by transoesophageal echocardiography before catheter ablation of atrial fibrillation in patients anticoagulated with non-vitamin K antagonist oral anticoagulants. Europace, 2019, 21, 48-53.	1.7	17
42	Transradial Versus Transfemoral Access for Percutaneous Coronary Intervention in ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2021, 14, e009994.	3.9	17
43	Effect of Applying Force to Selfâ€Adhesive Electrodes on Transthoracic Impedance: Implications for Electrical Cardioversion. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 1141-1147.	1.2	16
44	Association Between Selfâ€Reported Potentially Modifiable Cardiac Risk Factors and Perceived Need to Improve Physical Health: A Populationâ€Based Study. Journal of the American Heart Association, 2017, 6, .	3.7	16
45	A Comparative Pharmacodynamic Study of Ticagrelor versus Clopidogrel and Ticagrelor in Patients Undergoing Primary Percutaneous Coronary Intervention: The CAPITAL RELOAD Study. PLoS ONE, 2014, 9, e92078.	2.5	15
46	Epicardial course of the musculature related to the great cardiac vein: Anatomical considerations and clinical implications for mitral isthmus block after vein of Marshall ethanol infusion. Heart Rhythm, 2021, 18, 1951-1958.	0.7	15
47	Impact of baseline beta-blocker use on inotrope response and clinical outcomes in cardiogenic shock: a subgroup analysis of the DOREMI trial. Critical Care, 2021, 25, 289.	5.8	15
48	Sex differences in the origin of Purkinje ectopy-initiated idiopathic ventricular fibrillation. Heart Rhythm, 2021, 18, 1647-1654.	0.7	15
49	Hyperglycaemia in comatose survivors of out-of-hospital cardiac arrest. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 442-449.	1.0	14
50	Female Authorship in Preclinical Cardiovascular Research. JACC Basic To Translational Science, 2019, 4, 471-477.	4.1	14
51	Journal Initiatives to Enhance Preclinical Research: Analyses of Stroke, Nature Medicine, Science Translational Medicine. Stroke, 2020, 51, 291-299.	2.0	14
52	Percutaneous coronary intervention with or without on-site coronary artery bypass surgery: A systematic review and meta-analysis. International Journal of Cardiology, 2013, 167, 197-204.	1.7	13
53	Association between transthoracic impedance and electrical cardioversion success with biphasic defibrillators: An analysis of 1055 shocks for atrial fibrillation and flutter. Clinical Cardiology, 2018, 41, 666-670.	1.8	13
54	Recording an ECG With a Smartwatch in Newborns and Young Children: Feasibility and Perspectives. Canadian Journal of Cardiology, 2021, 37, 1877-1879.	1.7	13

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55	Electrocardiographic findings associated with cocaine use in humans: a systematic review. Expert Review of Cardiovascular Therapy, 2012, 10, 105-127.	1.5	12
56	Infectious Aortitis. International Heart Journal, 2016, 57, 645-648.	1.0	11
57	Characteristics of macroreentrant atrial tachycardias using an anatomical bypass: Pseudoâ€focal atrial tachycardia case series. Journal of Cardiovascular Electrophysiology, 2021, 32, 2451-2461.	1.7	11
58	Purkinje triggers of ventricular fibrillation in patients with hypertrophic cardiomyopathy. Journal of Cardiovascular Electrophysiology, 2021, 32, 2987-2994.	1.7	11
59	HSP25 Vaccination Attenuates Atherogenesis via Upregulation of LDLR Expression, Lowering of PCSK9 Levels and Curbing of Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e338-e353.	2.4	10
60	Beyond the wrist: Using a smartwatch electrocardiogram to detect electrocardiographic abnormalities. Archives of Cardiovascular Diseases, 2022, 115, 29-36.	1.6	10
61	Use of high-density activation and voltage mapping in combination with entrainment to delineate gap-related atrial tachycardias post atrial fibrillation ablation. Europace, 2021, 23, 1052-1062.	1.7	9
62	Left-axis deviation in patients with nonischemic heart failure and left bundle branch block is a purely electrical phenomenon. Heart Rhythm, 2021, 18, 1352-1360.	0.7	9
63	Performance of Plasma Adenosine as a Biomarker for Predicting Cardiovascular Risk. Clinical and Translational Science, 2021, 14, 354-361.	3.1	8
64	Methodological Rigor in Preclinical Cardiovascular Research: Contemporary Performance of AHA Scientific Publications. Circulation Research, 2021, 129, 887-889.	4.5	8
65	Adenosine as a Marker and Mediator of Cardiovascular Homeostasis: A Translational Perspective. Cardiovascular & Hematological Disorders Drug Targets, 2019, 19, 109-131.	0.7	8
66	Photoplethysmography using a smartphone application for assessment of ulnar artery patency: a randomized clinical trial. Cmaj, 2018, 190, E380-E388.	2.0	7
67	Letter by Ramirez and Hibbert Regarding Article, â€œConsideration of Sex Differences in Design and Reporting of Experimental Arterial Pathology Studies: A Statement From the Arteriosclerosis, Thrombosis, and Vascular Biology Councilâ€• Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e99-e100.	2.4	7
68	Remote monitoring of patients with heart failure during the first national lockdown for COVID-19 in France. European Heart Journal Digital Health, 2021, 2, 487-493.	1.7	7
69	Sensitivity and specificity of chest imaging for sarcoidosis screening in patients with cardiac presentations. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2019, 36, 18-24.	0.2	7
70	Optimized Computed Tomography Acquisition Protocol for Ethanol Infusion Into the Vein of Marshall. JACC: Clinical Electrophysiology, 2022, 8, 168-178.	3.2	7
71	Contrast-free optical coherence tomography:Systematic evaluation of non-contrast media for intravascular assessment. PLoS ONE, 2020, 15, e0237588.	2.5	6
72	Evaluation of plasminogen activator inhibitor-1 as a biomarker of unplanned revascularization and major adverse cardiac events in coronary angiography and percutaneous coronary intervention. Thrombosis Research, 2020, 191, 125-133.	1.7	6

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73	Prevalence of Left Atrial Appendage Thrombus in Patients Anticoagulated With Direct Oral Anticoagulants: Systematic Review and Meta-analysis. CJC Open, 2021, 3, 658-665.	1.5	6
74	Using a smartwatch to record an electrocardiogram in the pediatric population. Journal of Electrocardiology, 2022, 71, 25-27.	0.9	6
75	Outcomes of a comprehensive strategy during repeat atrial fibrillation ablation. Journal of Interventional Cardiac Electrophysiology, 2022, 65, 391-399.	1.3	6
76	Clinical outcomes among patients with extreme obesity undergoing elective coronary revascularization: Evaluation of major complications in contemporary practice. International Journal of Cardiology, 2015, 186, 266-272.	1.7	5
77	Identifying and Managing Premature Ventricular Contraction-Induced Cardiomyopathy: What, Why, and How?. Canadian Journal of Cardiology, 2017, 33, 287-290.	1.7	5
78	Progressive implantable cardioverter-defibrillator therapies for ventricular tachycardia: The efficacy and safety of multiple bursts, ramps, and low-energy shocks. Heart Rhythm, 2020, 17, 2072-2077.	0.7	5
79	Ligament of Marshall ablation for persistent atrial fibrillation. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 782-791.	1.2	5
80	Role of endocardial ablation in eliminating an epicardial arrhythmogenic substrate in patients with Brugada syndrome. Heart Rhythm, 2021, 18, 1673-1681.	0.7	5
81	High-power short-duration radiofrequency ablation of typical atrial flutter. Heart Rhythm O2, 2020, 1, 317-323.	1.7	5
82	Modifiable Risk Factors and Residual Risk Following Coronary Revascularization. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 1138-1152.	2.4	5
83	A Strategy of Lead Abandonment in a Large Cohort of Patients With SprintÂFidelis Leads. JACC: Clinical Electrophysiology, 2019, 5, 1059-1067.	3.2	4
84	Highâ€risk atrioventricular block in Brugada syndrome patients with a history of syncope. Journal of Cardiovascular Electrophysiology, 2021, 32, 772-781.	1.7	4
85	Significance of manifest localized staining during ethanol infusion into the vein of Marshall. Heart Rhythm, 2021, 18, 1057-1063.	0.7	4
86	Persistent atrial fibrillation ablation in cardiac laminopathy: Electrophysiological findings and clinical outcomes. Heart Rhythm, 2021, 18, 1115-1121.	0.7	4
87	Strategy for repeat procedures in patients with persistent atrial fibrillation: Systematic linear ablation with adjunctive ethanol infusion into the vein of Marshall versus electrophysiologyâ€guided ablation. Journal of Cardiovascular Electrophysiology, 2022, 33, 1116-1124.	1.7	4
88	Evaluation of Cobalt and Chromium Levels Following Implantation of Cobalt Chromium Coronary Stents: A Pilot Study. Heart Lung and Circulation, 2018, 27, 763-766.	0.4	3
89	Bang for the buck: the importance of modifiable factors for electrical cardioversion of atrial fibrillation. European Heart Journal, 2020, 41, 721-721.	2.2	3
90	Acute coronary artery occlusion and ischemiaâ€related ventricular tachycardia during catheter ablation in the right ventricular outflow tract. Journal of Cardiovascular Electrophysiology, 2021, 32, 547-550.	1.7	3

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91	Long-term freedom from ventricular fibrillation despite persistent Purkinje ectopy after catheter ablation. HeartRhythm Case Reports, 2022, 8, 259-263.	0.4	3
92	Ventricular-triggered atrial pacing: A new maneuver for slow-fast atrioventricular nodal reentrant tachycardia. Heart Rhythm, 2020, 17, 955-964.	0.7	2
93	Accuracy of automatic abnormal potential annotation for substrate identification in scarâ€related ventricular tachycardia. Journal of Cardiovascular Electrophysiology, 2021, 32, 2216-2224.	1.7	2
94	No sex-based difference in cardiogenic shock: A post-hoc analysis of the DOREMI trial. Journal of Cardiology, 2022, , .	1.9	2
95	Late resolution of pacemaker leadâ€“related severe tricuspid regurgitation and right ventricular dysfunction after percutaneous lead extraction: A case report and review of the literature. HeartRhythm Case Reports, 2016, 2, 324-327.	0.4	1
96	Percutaneous left atrial appendage closure for managing thromboembolic risk in atrial fibrillation. Cmaj, 2018, 190, E1227-E1230.	2.0	1
97	Evaluation of the QT interval in patients with drugâ€induced QT prolongation and torsades de pointes. Journal of Cardiovascular Electrophysiology, 2020, 31, 2696-2701.	1.7	1
98	Sex Differences in Cardiac Resynchronization Therapy Device Implantations and Complications: Tough Questions, Tougher Answers. Canadian Journal of Cardiology, 2021, 37, 14-16.	1.7	1
99	Safety of catheter ablation of atrial fibrillation without preâ€or periâ€procedural imaging for the detection of left atrial thrombus in the era of uninterrupted anticoagulation. Journal of Arrhythmia, 2021, 37, 28-32.	1.2	1
100	Catheter Ablation for Atrial Fibrillation in Hyperthyroid Patients. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010200.	4.8	1
101	Female representation in clinical studies informing atrial fibrillation guidelines: have we built a house of cards?. Canadian Journal of Cardiology, 2022, , .	1.7	1
102	Should they stay, or should they go: do we need to remove the old cardiac implantable electronic device if a new system is required on the contralateral side?. Heart Rhythm O2, 2022, 3, 169-175.	1.7	1
103	Cover Image, Volume 30, Issue 1. Journal of Cardiovascular Electrophysiology, 2019, 30, i.	1.7	0
104	Letter to the Editor regarding the paper â€œCardioversion of atrial fibrillation in obese patients: Results from the Cardioversionâ€BMI randomized controlled trialâ€. Journal of Cardiovascular Electrophysiology, 2019, 30, 1762-1763.	1.7	0
105	Improving first shock success in patients with atrial fibrillation undergoing electrical cardioversion: Authorsâ€™ reply. Europace, 2019, 21, 833-834.	1.7	0
106	Reply to the Editorâ€” Understanding the complex anatomy of the marshall bundle might improve the ablation efficacy. Heart Rhythm, 2020, 17, e229.	0.7	0
107	Cover Image, Volume 32, Issue 5. Journal of Cardiovascular Electrophysiology, 2021, 32, i.	1.7	0
108	Varying physiologic ventricular resynchronization with changes in atrial rhythm in a patient with a right-sided accessory pathway and right bundle branch block. Journal of Electrocardiology, 2021, 66, 122-124.	0.9	0

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109	Noncontact whole-chamber charge density mapping of the left ventricle: Preclinical evaluation in a sheep model. Heart Rhythm, 2022, , .	0.7	0