

Aravinda Thiagalingam

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

4,546
citations

172457

29
h-index

133252

59
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190
all docs

190
docs citations

190
times ranked

7046
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile Telephone Text Messaging for Medication Adherence in Chronic Disease. JAMA Internal Medicine, 2016, 176, 340.	5.1	580
2	Effect of Lifestyle-Focused Text Messaging on Risk Factor Modification in Patients With Coronary Heart Disease. JAMA - Journal of the American Medical Association, 2015, 314, 1255.	7.4	561
3	Importance of Catheter Contact Force During Irrigated Radiofrequency Ablation: Evaluation in a Porcine <i>Ex Vivo</i> Model Using a Force-Sensing Catheter. Journal of Cardiovascular Electrophysiology, 2010, 21, 806-811.	1.7	229
4	Mobile Phone Apps to Improve Medication Adherence: A Systematic Stepwise Process to Identify High-Quality Apps. JMIR MHealth and UHealth, 2016, 4, e132.	3.7	217
5	mHealth in Cardiovascular Health Care. Heart Lung and Circulation, 2016, 25, 802-807.	0.4	147
6	Five seconds of 50-60 W radio frequency atrial ablations were transmural and safe: an <i>in vitro</i> mechanistic assessment and force-controlled <i>in vivo</i> validation. Europace, 2017, 19, euw077.	1.7	111
7	Intramyocardial Adiposity After Myocardial Infarction. Circulation, 2013, 128, 2296-2308.	1.6	92
8	Intraprocedural Volume Imaging of the Left Atrium and Pulmonary Veins with Rotational X-Ray Angiography: Implications for Catheter Ablation of Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2008, 19, 293-300.	1.7	89
9	Role of adipose tissue in the pathogenesis of cardiac arrhythmias. Heart Rhythm, 2016, 13, 311-320.	0.7	83
10	Factors Influencing Engagement, Perceived Usefulness and Behavioral Mechanisms Associated with a Text Message Support Program. PLoS ONE, 2016, 11, e0163929.	2.5	78
11	Fiber architecture in remodeled myocardium revealed with a quantitative diffusion CMR tractography framework and histological validation. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 70.	3.3	71
12	Outcomes of Early Risk Stratification and Targeted Implantable Cardioverter-Defibrillator Implantation After ST-Elevation Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention. Circulation, 2009, 120, 194-200.	1.6	68
13	Medication reminder applications to improve adherence in coronary heart disease: a randomised clinical trial. Heart, 2019, 105, 323-329.	2.9	68
14	Thoracoscopic surgical ablation versus catheter ablation for atrial fibrillation. European Journal of Cardio-thoracic Surgery, 2016, 49, 1044-1051.	1.4	64
15	Bipolar Ablation of the Interventricular Septum is More Efficient at Creating a Transmural Line than Sequential Unipolar Ablation. PACE - Pacing and Clinical Electrophysiology, 2010, 33, 16-26.	1.2	59
16	Long-Term Arrhythmia-Free Survival in Patients With Severe Left Ventricular Dysfunction and No Inducible Ventricular Tachycardia After Myocardial Infarction. Circulation, 2014, 129, 848-854.	1.6	58
17	Cost-effectiveness of a text message programme for the prevention of recurrent cardiovascular events. Heart, 2017, 103, 893.1-894.	2.9	53
18	Impedance and Temperature Monitoring Improve the Safety of Closed-Loop Irrigated-Tip Radiofrequency Ablation. Journal of Cardiovascular Electrophysiology, 2007, 18, 318-325.	1.7	52

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19	Electrophysiology-guided defibrillator implantation early after ST-elevation myocardial infarction. <i>Heart Rhythm</i> , 2010, 7, 1589-1597.	0.7	52
20	A spectrum of retinal vasculature measures and coronary artery disease. <i>Atherosclerosis</i> , 2018, 268, 215-224.	0.8	52
21	The effects of a lifestyle-focused text-messaging intervention on adherence to dietary guideline recommendations in patients with coronary heart disease: an analysis of the TEXT ME study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 45.	4.6	51
22	MEDication reminder APPs to improve medication adherence in Coronary Heart Disease (MedApp-CHD) Study: a randomised controlled trial protocol. <i>BMJ Open</i> , 2017, 7, e017540.	1.9	49
23	Noncontact Mapping of the Left Ventricle: Insights from Validation with Transmural Contact Mapping. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 570-578.	1.2	46
24	Automatic Segmentation of Rotational X-Ray Images for Anatomic Intra-Procedural Surface Generation in Atrial Fibrillation Ablation Procedures. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 260-272.	8.9	44
25	Associations between retinal microvascular structure and the severity and extent of coronary artery disease. <i>Atherosclerosis</i> , 2014, 236, 25-30.	0.8	41
26	Myocardial Scar Delineation Using Diffusion Tensor Magnetic Resonance Tractography. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	39
27	Focal and Linear Endocardial and Epicardial Catheter-Based Cryoablation of Normal and Infarcted Ventricular Tissue. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2008, 31, 1322-1331.	1.2	35
28	Serum homocysteine and folate but not vitamin B ₁₂ are predictors of CHD mortality in older adults. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 1420-1429.	1.8	33
29	Patterns, predictors and effects of texting intervention on physical activity in CHD – insights from the TEXT ME randomized clinical trial. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1894-1902.	1.8	33
30	Exposure to workplace noise and the risk of cardiovascular disease events and mortality among older adults. <i>Preventive Medicine</i> , 2011, 53, 390-394.	3.4	31
31	Atrial Ectopy Predicts Late Recurrence of Atrial Fibrillation After Pulmonary Vein Isolation. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 569-574.	4.8	31
32	The value of endomyocardial biopsy in diagnosis and guiding therapy. <i>Pathology</i> , 2017, 49, 750-756.	0.6	30
33	Clinical significance of early atrial arrhythmia type and timing after single ring isolation of the pulmonary veins. <i>Europace</i> , 2015, 17, 1038-1044.	1.7	29
34	Circuit Impedance Could Be a Crucial Factor Influencing Radiofrequency Ablation Efficacy and Safety: A Myocardial Phantom Study of the Problem and Its Correction. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 351-357.	1.7	29
35	Sedation for Electrophysiological Procedures. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014, 37, 781-790.	1.2	28
36	Evaluation of lesion and thermodynamic characteristics of Symplicity and EnligHTN renal denervation systems in a phantom renal artery model. <i>EuroIntervention</i> , 2014, 10, 277-284.	3.2	28

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37	What is the most appropriate energy source for aortic cusp ablation? A comparison of standard RF, cooled-tip RF and cryothermal ablation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2006, 16, 31-38.	1.3	27
38	Magnetic guidance versus manual control: comparison of radiofrequency lesion dimensions and evaluation of the effect of heart wall motion in a myocardial phantom. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 44, 1-8.	1.3	27
39	A Pilot Randomised Controlled Trial of a Text Messaging Intervention with Customisation Using Linked Data from Wireless Wearable Activity Monitors to Improve Risk Factors Following Gestational Diabetes. <i>Nutrients</i> , 2019, 11, 590.	4.1	27
40	Text Messages to Improve Medication Adherence and Secondary Prevention After Acute Coronary Syndrome: The TEXTMEDS Randomized Clinical Trial. <i>Circulation</i> , 2022, 145, 1443-1455.	1.6	27
41	Atrial Tachycardias Utilizing the Ligament of Marshall Region Following Single Ring Pulmonary Vein Isolation for Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014, 37, 1149-1158.	1.2	26
42	Gender differences in the prevalence of coronary artery tortuosity and its association with coronary artery disease. <i>IJC Heart and Vasculature</i> , 2017, 14, 23-27.	1.1	26
43	Effect of reperfusion time on inducible ventricular tachycardia early and spontaneous ventricular arrhythmias late after ST elevation myocardial infarction treated with primary percutaneous coronary intervention. <i>Heart Rhythm</i> , 2011, 8, 493-499.	0.7	25
44	Induction of ventricular tachycardia with the fourth extrastimulus and its relationship to risk of arrhythmic events in patients with post-myocardial infarct left ventricular dysfunction. <i>Europace</i> , 2012, 14, 1771-1777.	1.7	25
45	Gender differences in the severity and extent of coronary artery disease. <i>IJC Heart and Vasculature</i> , 2015, 8, 161-166.	1.1	25
46	Value of Noncontact Mapping for Identifying Left Ventricular Scar in an Ovine Model. <i>Circulation</i> , 2004, 110, 3175-3180.	1.6	24
47	Cooled Needle Catheter Ablation Creates Deeper and Wider Lesions Than Irrigated Tip Catheter Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 508-515.	1.7	23
48	Comparison of Electroanatomic Contact and Noncontact Mapping of Ventricular Scar in a Postinfarct Ovine Model With Intramural Needle Electrode Recording and Histological Validation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2008, 1, 363-369.	4.8	22
49	Towards true unipolar bio-potential recording: a preliminary result for ECG. <i>Physiological Measurement</i> , 2013, 34, N1-N7.	2.1	21
50	Long-term Outcomes of Inducible Very Fast Ventricular Tachycardia (Cycle Length 200-250 ms) in Patients With Ischemic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 262-269.	1.7	20
51	Rapid access cardiology services: can these reduce the burden of acute chest pain on Australian and New Zealand health services?. <i>Internal Medicine Journal</i> , 2017, 47, 986-991.	0.8	20
52	Design Considerations in Development of a Mobile Health Intervention Program: The TEXT ME and TEXTMEDS Experience. <i>JMIR MHealth and UHealth</i> , 2016, 4, e127.	3.7	20
53	TEXT messages to improve MEDication adherence and Secondary prevention (TEXTMEDS) after acute coronary syndrome: a randomised clinical trial protocol. <i>BMJ Open</i> , 2018, 8, e019463.	1.9	19
54	Early and long-term outcomes after manual and remote magnetic navigation-guided catheter ablation for ventricular tachycardia. <i>Europace</i> , 2018, 20, ii11-ii21.	1.7	19

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55	Transvascular Pacing of Aorticorenal Ganglia Provides a Testable Procedural Endpoint for Renal Artery Denervation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1109-1120.	2.9	19
56	Discriminatory Therapy for Very Fast Ventricular Tachycardia in Patients with Implantable Cardioverter Defibrillators. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2008, 31, 1095-1099.	1.2	18
57	Significance of Inducible Very Fast Ventricular Tachycardia (Cycle Length 200-230 ms) After Early Reperfusion for ST-Segment Elevation Myocardial Infarction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 884-890.	4.8	18
58	On the Einthoven Triangle: A Critical Analysis of the Single Rotating Dipole Hypothesis. <i>Sensors</i> , 2018, 18, 2353.	3.8	18
59	Rapid Access Cardiology (RAC) Services Within a Large Tertiary Referral Centre—First Year in Review. <i>Heart Lung and Circulation</i> , 2018, 27, 1381-1387.	0.4	18
60	Influence of BMI on inducible ventricular tachycardia and mortality in patients with myocardial infarction and left ventricular dysfunction: The obesity paradox. <i>International Journal of Cardiology</i> , 2018, 265, 148-154.	1.7	17
61	Catheter Intramural Needle Radiofrequency Ablation Creates Deeper Lesions than Irrigated Tip Catheter Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2003, 26, 2146-2150.	1.2	16
62	Significance of Repeat Programmed Ventricular Stimulation at Electrophysiology Study for Arrhythmia Prediction after Acute Myocardial Infarction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014, 37, 795-802.	1.2	16
63	A review of the safety aspects of radio frequency ablation. <i>IJC Heart and Vasculature</i> , 2015, 8, 147-153.	1.1	16
64	Association between Retinal Arteriolar and Venule Calibre with Prevalent Heart Failure: A Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0144850.	2.5	16
65	Co-designing a Lifestyle-Focused Text Message Intervention for Women After Breast Cancer Treatment: Mixed Methods Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e27076.	4.3	16
66	High Spatial Resolution Thermal Mapping of Radiofrequency Ablation Lesions Using a Novel Thermochromic Liquid Crystal Myocardial Phantom. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 1278-1286.	1.7	15
67	Influence of Intramyocardial Adipose Tissue on the Accuracy of Endocardial Contact Mapping of the Chronic Myocardial Infarction Substrate. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	15
68	Targeted, structured text messaging to improve dietary and lifestyle behaviours for people on maintenance haemodialysis (KIDNEYTEXT): study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e023545.	1.9	15
69	Pulmonary vein contraction: Characterization of dynamic changes in pulmonary vein morphology using multiphase multislice computed tomography scanning. <i>Heart Rhythm</i> , 2008, 5, 1645-1650.	0.7	14
70	A Novel Microwave Catheter Can Perform Noncontact Circumferential Endocardial Ablation in a Model of Pulmonary Vein Isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 799-804.	1.7	14
71	The Use of Intravenous Sotalol in Cardiac Arrhythmias. <i>Heart Lung and Circulation</i> , 2018, 27, 1318-1326.	0.4	14
72	Cooled Intramural Needle Catheter Ablation Creates Deeper Lesions than Irrigated Tip Catheter Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 965-970.	1.2	13

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73	Simultaneous Biventricular Noncontact Mapping and Ablation of Septal Ventricular Tachycardia in a Chronic Ovine Infarct Model. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 441-449.	4.8	13
74	Development of macaronic Hindi-English "Hinglish"™ text message content for a coronary heart disease secondary prevention programme. <i>Heart Asia</i> , 2016, 8, 32-38.	1.1	13
75	Metabolic syndrome and retinal microvascular calibre in a high cardiovascular disease risk cohort. <i>British Journal of Ophthalmology</i> , 2016, 100, 1041-1046.	3.9	13
76	A Text Messaging Intervention for Dietary Behaviors for People Receiving Maintenance Hemodialysis: A Feasibility Study of KIDNEYTEXT. <i>American Journal of Kidney Diseases</i> , 2021, 78, 85-95.e1.	1.9	13
77	A Thermochromic Dispersive Electrode Can Measure the Underlying Skin Temperature and Prevent Burns During Radiofrequency Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 781-788.	1.7	12
78	Electrogram-Gated Radiofrequency Ablations With Duty Cycle Power Delivery Negate Effects of Ablation Catheter Motion. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 920-928.	4.8	12
79	Prevalence and risk factors of epiretinal membrane in a cohort with cardiovascular disease risk, compared with the Blue Mountains Eye Study. <i>British Journal of Ophthalmology</i> , 2015, 99, 1601-1605.	3.9	12
80	Renal Artery Denervation in Resistant Hypertension: The Good, The Bad and The Future. <i>Heart Lung and Circulation</i> , 2020, 29, 94-101.	0.4	12
81	Text messages for primary prevention of cardiovascular disease: The TextMe2 randomized clinical trial. <i>American Heart Journal</i> , 2021, 242, 33-44.	2.7	12
82	Full-Color Direct Visualization of the Atrial Septum to Guide Transseptal Puncture. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 1310-1315.	1.7	11
83	Retinal microvascular changes in microvascular angina: Findings from the Australian Heart Eye Study. <i>Microcirculation</i> , 2019, 26, e12536.	1.8	11
84	Supporting women's health outcomes after breast cancer treatment comparing a text message intervention to usual care: the EMPOWER-SMS randomised clinical trial. <i>Journal of Cancer Survivorship</i> , 2023, 17, 1533-1545.	2.9	11
85	Revised non-contact mapping of ventricular scar in a post-infarct ovine model with validation using contact mapping and histology. <i>Europace</i> , 2010, 12, 881-889.	1.7	10
86	<i>In Vivo</i> Evaluation of Virtual Electrode Mapping and Ablation Utilizing a Direct Endocardial Visualization Ablation Catheter. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 88-95.	1.7	10
87	Supporting breast cancer survivors via text messages: reach, acceptability, and utility of EMPOWER-SMS. <i>Journal of Cancer Survivorship</i> , 2022, 16, 1165-1175.	2.9	10
88	Modern Electrophysiology Mapping Techniques. <i>Heart Lung and Circulation</i> , 2012, 21, 364-375.	0.4	9
89	Relationship between macular degeneration with prevalent heart failure: A cross-sectional population study. <i>International Journal of Cardiology</i> , 2015, 182, 213-215.	1.7	9
90	Relationship between macular and retinal diseases with prevalent atrial fibrillation " An analysis of the Australian Heart Eye Study. <i>International Journal of Cardiology</i> , 2015, 178, 96-98.	1.7	9

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91	Text messaging support for patients with diabetes or coronary artery disease (SupportMe): protocol for a pragmatic randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e025923.	1.9	9
92	Influence of BMI on Short and Long-Term Outcomes in Patients With STEMI and LV Dysfunction. <i>Heart Lung and Circulation</i> , 2020, 29, 361-367.	0.4	9
93	Acoustic Signal Emission Monitoring as a Novel Method to Predict Steam Pops During Radiofrequency Ablation: Preliminary Observations. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 440-447.	1.7	8
94	Severity of coronary artery disease and retinal microvascular signs in patients with diagnosed versus undiagnosed diabetes: cross-sectional study. <i>Journal of Thoracic Disease</i> , 2016, 8, 1532-1539.	1.4	8
95	Cataract surgery is more prevalent and occurs at an earlier age in a high cardiovascular risk cohort: Comparison with the Blue Mountains Eye Study. <i>International Journal of Cardiology</i> , 2016, 212, 72-75.	1.7	8
96	Associations between retinal arteriolar and venular calibre with the prevalence of impaired fasting glucose and diabetes mellitus: A cross-sectional study. <i>PLoS ONE</i> , 2018, 13, e0189627.	2.5	8
97	Predictors of Smoking Cessation in a Lifestyle-Focused Text-Message Support Programme Delivered to People with Coronary Heart Disease: An Analysis From the Tobacco Exercise and Diet Messages (TEXTME) Randomised Clinical Trial. <i>Tobacco Use Insights</i> , 2020, 13, 1179173X2090148.	1.6	8
98	An Enhanced SMS Text Message-Based Support and Reminder Program for Young Adults With Type 2 Diabetes (TEXT2U): Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e27263.	4.3	8
99	Understanding Preferences for Lifestyle-Focused Visual Text Messages in Patients With Cardiovascular and Chronic Respiratory Disease: Discrete Choice Experiment. <i>Journal of Medical Internet Research</i> , 2021, 23, e26224.	4.3	8
100	Transcatheter non-contact microwave ablation may enable circumferential renal artery denervation while sparing the vessel intima and media. <i>EuroIntervention</i> , 2017, 12, e1907-e1915.	3.2	8
101	What is the optimal left ventricular ejection fraction cut-off for risk stratification for primary prevention of sudden cardiac death early after myocardial infarction?. <i>Europace</i> , 2014, 16, 1315-1321.	1.7	7
102	Retinal Vascular Geometry and the Prevalence of Atrial Fibrillation and Heart Failure in a Clinic-Based Sample. <i>Heart Lung and Circulation</i> , 2019, 28, 1631-1637.	0.4	7
103	TEXT4myBACK: A Text Message Intervention to Improve Function in People With Low Back Pain Protocol of a Randomized Controlled Trial. <i>Physical Therapy</i> , 2021, 101, .	2.4	7
104	Effectiveness of a customised mobile phone text messaging intervention supported by data from activity monitors for improving lifestyle factors related to the risk of type 2 diabetes among women after gestational diabetes: protocol for a multicentre randomised controlled trial (SMART MUMS) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2</i>	1.9	7
105	Use of a Machine Learning Program to Correctly Triage Incoming Text Messaging Replies From a Cardiovascular Text-Based Secondary Prevention Program: Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e19200.	3.7	7
106	Clinician-Created Educational Video Resources for Shared Decision-making in the Outpatient Management of Chronic Disease: Development and Evaluation Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e26732.	4.3	7
107	CSANZ Position Statement on Sedation for Cardiovascular Procedures (2014). <i>Heart Lung and Circulation</i> , 2015, 24, 1041-1048.	0.4	6
108	Slow Pathway Radiofrequency Ablation Using Magnetic Navigation: A Description of Technique and Retrospective Case Analysis. <i>Heart Lung and Circulation</i> , 2017, 26, 1297-1302.	0.4	6

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109	Transcatheter microwave ablation can deliver deep and circumferential perivascular nerve injury without significant arterial injury to provide effective renal denervation. <i>Journal of Hypertension</i> , 2019, 37, 2083-2092.	0.5	6
110	Text Message Analysis Using Machine Learning to Assess Predictors of Engagement With Mobile Health Chronic Disease Prevention Programs: Content Analysis. <i>JMIR MHealth and UHealth</i> , 2021, 9, e27779.	3.7	6
111	Text messages promoting healthy lifestyle and linked with activity monitors stimulate an immediate increase in physical activity among women after gestational diabetes. <i>Diabetes Research and Clinical Practice</i> , 2022, 190, 109991.	2.8	6
112	Transmural Mapping of Myocardial Refractoriness and Endocardial Dispersion of Repolarization in an Ovine Model of Chronic Myocardial Infarction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2009, 32, 851-861.	1.2	5
113	Computed tomographyâ€guided in vivo cardiac orientation and correlation with <scp>ECG</scp> in individuals without structural heart disease and in ageâ€matched obese and older individuals. <i>Clinical Anatomy</i> , 2015, 28, 487-493.	2.7	5
114	Observations on Attenuation of Local Electrogram Amplitude and Circuit Impedance During Atrial Radiofrequency Ablation: An <i>In vivo</i> Investigation Using a Novel Direct Endocardial Visualization Catheter. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1250-1256.	1.7	5
115	On the â€Zero of Potential of the Electric Field Produced by the Heart Beatâ€: A Machine Capable of Estimating this Underlying Persistent Error in Electrocardiography. <i>Machines</i> , 2016, 4, 18.	2.2	5
116	Minimization of the Wilsonâ€™s Central Terminal voltage potential via a genetic algorithm. <i>BMC Research Notes</i> , 2018, 11, 915.	1.4	5
117	Long-term survival in patients presenting with STEMI complicated by out of hospital cardiac arrest. <i>IJC Heart and Vasculature</i> , 2019, 22, 50-54.	1.1	5
118	Text messages for primary prevention of cardiovascular disease: the TextMe2 randomised controlled trial protocol. <i>BMJ Open</i> , 2020, 10, e036767.	1.9	5
119	Optimizing Impedance Change Measurement During Radiofrequency Ablation Enables More Accurate Characterization of Lesion Formation. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 471-481.	3.2	5
120	Spatial Characterization of Electrogram Morphology from Transmural Recordings in the Intact Normal Heart. <i>PLoS ONE</i> , 2014, 9, e110399.	2.5	5
121	Novel use of NavX three-dimensional mapping to guide renal artery denervation. <i>EuroIntervention</i> , 2013, 9, 687-693.	3.2	5
122	Chronic kidney disease and the severity of coronary artery disease and retinal microvasculature changes: a cross-sectional study. <i>Journal of Thoracic Disease</i> , 2016, 8, 2111-2114.	1.4	4
123	Ninety Seconds Could be the Optimal Duration for Ventricular Radiofrequency Ablation â€ Results From a Myocardial Phantom Model. <i>Heart Lung and Circulation</i> , 2017, 26, 219-225.	0.4	4
124	Renal Artery Branch Denervation: Evaluation of Lesion Characteristics Using a Thermochromic Liquid Crystal Phantom Model. <i>Heart Lung and Circulation</i> , 2020, 29, 445-451.	0.4	4
125	Azithromycin and tezacaftor/ivacaftor is associated with first-degree heart block in an adult with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, e19-e21.	0.7	4
126	Electrical Impedance Tomography for assessing Ventilation/Perfusion mismatch for Pulmonary Embolism detection without interruptions in respiration. , 2014, 2014, 6068-71.		3

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127	Comparison of two different radiofrequency ablation systems for renal artery denervation: Evaluation of short-term and long-term follow up. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, E105-E111.	1.7	3
128	Influence of Body Mass Index on Recurrence of Ventricular Arrhythmia, Mortality in Defibrillator Recipients With Ischaemic Cardiomyopathy. <i>Heart Lung and Circulation</i> , 2020, 29, 254-261.	0.4	3
129	Coordinating Health Care With Artificial Intelligence—Supported Technology for Patients With Atrial Fibrillation: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2022, 11, e34470.	1.0	3
130	Remote magnetic navigation compared to contemporary manual techniques for the catheter ablation of ventricular arrhythmias in structural heart disease. <i>Heliyon</i> , 2021, 7, e08538.	3.2	3
131	Automated Ventricular Substrate Mapping-Evaluation in an Ovine Chronic Myocardial Infarction Model. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2005, 28, 1088-1097.	1.2	2
132	Combined Ventricular Endocardial and Epicardial Substrate Mapping Using a Sonomicrometry-Based Electroanatomical Mapping System. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2007, 30, 781-786.	1.2	2
133	Thermochromic Myocardial Phantom Provides High Spatial and Temporal Resolution of RF Ablations. <i>Heart Lung and Circulation</i> , 2008, 17, S7.	0.4	2
134	Clinical evaluation of a new technique to monitor return electrode skin temperature during radiofrequency ablation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2013, 36, 307-314.	1.3	2
135	Right Ventricular Dysfunction Predisposes to Inducible Ventricular Tachycardia at Electrophysiology Studies in Patients With Acute ST-Segment—Elevation Myocardial Infarction and Reduced Left Ventricular Ejection Fraction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 898-905.	4.8	2
136	Thoracoscopic Surgical Ablation versus Catheter Ablation for Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2016, 25, e115-e116.	0.4	2
137	Irrigated Microwave Catheter Ablation Can Create Deep Ventricular Lesions Through Epicardial Fat With Relative Sparing of Adjacent Coronary Arteries. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008251.	4.8	2
138	Rapid Access Arrhythmia Clinics (RAACs) Versus Usual Care: Improving Efficiency and Safety of Arrhythmia Management. <i>Heart Lung and Circulation</i> , 2021, 30, 665-673.	0.4	2
139	User Perceptions and Experiences of a Handheld 12-Lead Electrocardiographic Device in a Clinical Setting: Usability Evaluation. <i>JMIR Cardio</i> , 2021, 5, e21186.	1.7	2
140	Effect of ECG-gating Retinal Photographs on Retinal Vessel Caliber Measurements in Subjects with and without Type 2 Diabetes. <i>Current Eye Research</i> , 2021, 46, 1-9.	1.5	2
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