

Lena Rivard

List of Publications by Year in descending order

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108
papers

6,353
citations

71102

41
h-index

69250

77
g-index

110
all docs

110
docs citations

110
times ranked

5916
citing authors

#	ARTICLE	IF	CITATIONS
1	Ventricular Tachycardia Ablation versus Escalation of Antiarrhythmic Drugs. <i>New England Journal of Medicine</i> , 2016, 375, 111-121.	27.0	616
2	Elimination of Local Abnormal Ventricular Activities. <i>Circulation</i> , 2012, 125, 2184-2196.	1.6	538
3	Cryoballoon or Radiofrequency Ablation for Atrial Fibrillation Assessed by Continuous Monitoring. <i>Circulation</i> , 2019, 140, 1779-1788.	1.6	345
4	Efficacy and safety of cryoballoon ablation for atrial fibrillation: A systematic review of published studies. <i>Heart Rhythm</i> , 2011, 8, 1444-1451.	0.7	326
5	Mechanisms of Atrial Fibrillation: Lessons From Animal Models. <i>Progress in Cardiovascular Diseases</i> , 2005, 48, 9-28.	3.1	213
6	Inverse Relationship Between Fractionated Electrograms and Atrial Fibrosis in Persistent Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 802-812.	2.8	205
7	Adenosine-guided pulmonary vein isolation for the treatment of paroxysmal atrial fibrillation: an international, multicentre, randomised superiority trial. <i>Lancet</i> , The, 2015, 386, 672-679.	13.7	188
8	Pulmonary vein isolation using "contact force" ablation: The effect on dormant conduction and long-term freedom from recurrent atrial fibrillation" A prospective study. <i>Heart Rhythm</i> , 2014, 11, 1919-1924.	0.7	144
9	Cardiac Resynchronization Therapy in Patients With Heart Failure and a QRS Complex ≤ 120 Milliseconds. <i>Circulation</i> , 2013, 127, 873-881.	1.6	132
10	Left Ventricular Versus Simultaneous Biventricular Pacing in Patients With Heart Failure and a QRS Complex ≥ 120 Milliseconds. <i>Circulation</i> , 2011, 124, 2874-2881.	1.6	129
11	Functional Nature of Electrogram Fractionation Demonstrated by Left Atrial High-Density Mapping. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 32-42.	4.8	126
12	Acute haemodynamic comparison of multisite and biventricular pacing with a quadripolar left ventricular lead. <i>Europace</i> , 2013, 15, 984-991.	1.7	121
13	Early Recurrence of Atrial Tachyarrhythmias Following Radiofrequency Catheter Ablation of Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 106-116.	1.2	111
14	Redefining the Blanking Period After Catheter Ablation for Paroxysmal Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	109
15	Increasing Prevalence of Atrial Fibrillation and Permanent Atrial Arrhythmias in Congenital Heart Disease. <i>Journal of the American College of Cardiology</i> , 2017, 70, 857-865.	2.8	104
16	<i><sc>TECRL</sc></i>, a new life-threatening inherited arrhythmia gene associated with overlapping clinical features of both <sc>LQTS</sc> and <sc>CPVT</sc>. <i>EMBO Molecular Medicine</i> , 2016, 8, 1390-1408.	6.9	98
17	Clinical Experience With a Novel Electromyographic Approach to Preventing Phrenic Nerve Injury During Cryoballoon Ablation in Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 605-611.	4.8	93
18	Clinical and Mechanistic Issues in Early Repolarization. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1177-1186.	2.8	89

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19	Diaphragmatic electromyography during cryoballoon ablation: a novel concept in the prevention of phrenic nerve palsy. <i>Heart Rhythm</i> , 2011, 8, 885-891.	0.7	88
20	Electrocardiographic and electrophysiological predictors of atrioventricular block after transcatheter aortic valve replacement. <i>Heart Rhythm</i> , 2015, 12, 321-329.	0.7	84
21	Pulmonary Vein Isolation Using a Second-Generation Cryoballoon Catheter: A Randomized Comparison of Ablation Duration and Method of Deflation. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 692-698.	1.7	82
22	Sudden Cardiac Death Prediction in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e008509.	4.8	82
23	Validation of Novel 3-Dimensional Electrocardiographic Mapping of Atrial Tachycardias by Invasive Mapping and Ablation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 889-897.	2.8	78
24	Cardiac Sarcoidosis multi-center randomized controlled trial (CHASM CS- RCT). <i>American Heart Journal</i> , 2020, 220, 246-252.	2.7	74
25	Remote Magnetic Navigation With Irrigated Tip Catheter for Ablation of Paroxysmal Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 585-589.	4.8	72
26	Decreased Mortality With Beta-Blockers in Patients With Heart Failure and Coexisting Atrial Fibrillation. <i>JACC: Heart Failure</i> , 2017, 5, 99-106.	4.1	71
27	Cryoablation outcomes for AV nodal reentrant tachycardia comparing 4-mm versus 6-mm electrode-tip catheters. <i>Heart Rhythm</i> , 2008, 5, 230-234.	0.7	67
28	Effect of Aggressive Blood Pressure Control on the Recurrence of Atrial Fibrillation After Catheter Ablation. <i>Circulation</i> , 2017, 135, 1788-1798.	1.6	66
29	Thromboprophylaxis for atrial arrhythmias in congenital heart disease: A multicenter study. <i>International Journal of Cardiology</i> , 2016, 223, 729-735.	1.7	65
30	Atrial Fibrillation and Dementia: A Report From the AF-SCREEN International Collaboration. <i>Circulation</i> , 2022, 145, 392-409.	1.6	65
31	Improved outcome following restoration of sinus rhythm prior to catheter ablation of persistent atrial fibrillation: A comparative multicenter study. <i>Heart Rhythm</i> , 2012, 9, 1025-1030.	0.7	63
32	Histopathology of Cryoballoon Ablation-Induced Phrenic Nerve Injury. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 187-194.	1.7	60
33	Mechanisms, Clinical Significance, and Prevention of Cognitive Impairment in Patients With Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1556-1564.	1.7	56
34	Adenosine Following Pulmonary Vein Isolation to Target Dormant Conduction Elimination (ADVICE): Methods and Rationale. <i>Canadian Journal of Cardiology</i> , 2012, 28, 184-190.	1.7	54
35	The Biophysics and Biomechanics of Cryoballoon Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 1162-1168.	1.2	54
36	Randomized Ablation-Based Rhythm-Control Versus Rate-Control Trial in Patients With Heart Failure and Atrial Fibrillation: Results from the RAFT-AF trial. <i>Circulation</i> , 2022, 145, 1693-1704.	1.6	54

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37	Conduction Disorders After Sutureless Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1254-1260.	1.3	47
38	Pulmonary Vein Isolation Using a Pace-Capture-Guided Versus an Adenosine-Guided Approach. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 1103-1108.	4.8	46
39	The pharmacological response of ischemia-related atrial fibrillation in dogs: Evidence for substrate-specific efficacy. <i>Cardiovascular Research</i> , 2007, 74, 104-113.	3.8	45
40	Morphometric Ablation Lesion Characteristics Comparing 4, 6, and 8 mm Electrode-Tip Cryocatheters. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 1203-1207.	1.7	44
41	Enlargement of Catheter Ablation Lesions in Infant Hearts With Cryothermal Versus Radiofrequency Energy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 211-217.	4.8	41
42	The pathology of atrial fibrillation in dogs. <i>Journal of Veterinary Cardiology</i> , 2005, 7, 121-129.	0.9	37
43	Efficacy and safety of atrial fibrillation ablation with phased radiofrequency energy and multielectrode catheters. <i>Heart Rhythm</i> , 2012, 9, 289-296.	0.7	37
44	Importance of genetic testing in unexplained cardiac arrest. <i>European Heart Journal</i> , 2022, 43, 3071-3081.	2.2	36
45	Atrial Tachycardias Arising from Ablation of Atrial Fibrillation: A Proarrhythmic Bump or an Antiarrhythmic Turn?. <i>Cardiology Research and Practice</i> , 2010, 2010, 1-9.	1.1	35
46	A new prediction model for ventricular arrhythmias in arrhythmogenic right ventricular cardiomyopathy. <i>European Heart Journal</i> , 2022, 43, e1-e9.	2.2	35
47	Cryoballoon Ablation for Atrial Fibrillation. <i>Indian Pacing and Electrophysiology Journal</i> , 2012, 12, 39-53.	0.6	31
48	New Directions in Cardiac Arrhythmia Management: Present Challenges and Future Solutions. <i>Canadian Journal of Cardiology</i> , 2014, 30, S420-S430.	1.7	31
49	Loss-of-Function <i>KCNE2</i> Variants. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	31
50	Atrial fibrillation in young patients. <i>Expert Review of Cardiovascular Therapy</i> , 2018, 16, 489-500.	1.5	30
51	Right ventricular pump function after cardiac resynchronization therapy: A strain imaging study. <i>Archives of Cardiovascular Diseases</i> , 2008, 101, 475-484.	1.6	28
52	Impact of revascularization in patients with sustained ventricular arrhythmias, prior myocardial infarction, and preserved left ventricular ejection fraction. <i>Heart Rhythm</i> , 2016, 13, 1221-1227.	0.7	28
53	2020 Canadian Cardiovascular Society/Canadian Heart Rhythm Society Position Statement on the Management of Ventricular Tachycardia and Fibrillation in Patients With Structural Heart Disease. <i>Canadian Journal of Cardiology</i> , 2020, 36, 822-836.	1.7	28
54	Blinded Randomized Trial of Anticoagulation to Prevent Ischemic Stroke and Neurocognitive Impairment in Atrial Fibrillation (BRAIN-AF): Methods and Design. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1069-1077.	1.7	27

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55	Mexiletine or catheter ablation after amiodarone failure in the VANISH trial. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 603-608.	1.7	26
56	Early temporal and spatial regularization of persistent atrial fibrillation predicts termination and arrhythmia-free outcome. <i>Heart Rhythm</i> , 2011, 8, 1374-1382.	0.7	25
57	Heart rate and adverse outcomes in patients with atrial fibrillation: A combined AFFIRM and AF-CHF substudy. <i>Heart Rhythm</i> , 2016, 13, 54-61.	0.7	25
58	Infections Associated with Resterilized Pacemakers and Defibrillators. <i>New England Journal of Medicine</i> , 2020, 382, 1823-1831.	27.0	25
59	Blood Pressure and Atrial Fibrillation: A Combined AF-CHF and AFFIRM Analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 509-514.	1.7	22
60	Efficacy of Amiodarone in Patients with Atrial Fibrillation with and without Left Ventricular Dysfunction: A Pooled Analysis of AFFIRM and AF-CHF Trials. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 1306-1313.	1.7	21
61	The time course of exit and entrance block during cryoballoon pulmonary vein isolation. <i>Europace</i> , 2014, 16, 500-504.	1.7	21
62	The Past, the Present, and the Future of Cardiac Arrhythmia Ablation. <i>Canadian Journal of Cardiology</i> , 2014, 30, S431-S441.	1.7	21
63	Mitral Isthmus Ablation with and Without Temporary Spot Occlusion of the Coronary Sinus: A Randomized Clinical Comparison of Acute Outcomes. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 489-496.	1.7	20
64	Reducing Radiation Exposure during CRT Implant Procedures: Early Experience with a Sensor-Based Navigation System. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 63-70.	1.2	19
65	Contact-force-guided vs. contact-force-blinded catheter ablation of typical atrial flutter: a prospective study. <i>Europace</i> , 2017, 19, euw137.	1.7	19
66	Predictors of Ventricular Arrhythmias and Sudden Death in a Quebec Cohort With Brugada Syndrome. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1355.e1-1355.e7.	1.7	19
67	Effect of Baseline Antiarrhythmic Drug on Outcomes With Ablation in Ischemic Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005663.	4.8	18
68	Characterization of a Human Induced Pluripotent Stem Cell-Derived Cardiomyocyte Model for the Study of Variant Pathogenicity. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	17
69	Evaluation of Resynchronization Therapy for Heart Failure in Patients With a QRS Duration Greater Than 120 ms (GREATER-EARTH) Trial: Rationale, Design, and Baseline Characteristics. <i>Canadian Journal of Cardiology</i> , 2011, 27, 779-786.	1.7	16
70	Corticosteroid use during pulmonary vein isolation is associated with a higher prevalence of dormant pulmonary vein conduction. <i>Heart Rhythm</i> , 2013, 10, 1569-1575.	0.7	16
71	Systolic blood pressure and mortality in patients with atrial fibrillation and heart failure: insights from the <sc>AFFIRM</sc> and <sc>AF-CHF</sc> studies. <i>European Journal of Heart Failure</i> , 2014, 16, 1168-1174.	7.1	16
72	Reducing Radiation Exposure During CRT Implant Procedures: Single-Center Experience With Low-Dose Fluoroscopy Settings and a Sensor-Based Navigation System (MediGuide). <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 1337-1343.	1.7	16

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73	Impact of a Novel Catheter Tracking System on Radiation Exposure during the Procedural Phases of Atrial Fibrillation and Flutter Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 784-790.	1.2	15
74	Contact force with magnetic-guided catheter ablation. <i>Europace</i> , 2018, 20, ii1-ii4.	1.7	15
75	Pulmonary Vein Stenosis After Atrial Fibrillation Ablation: Insights From the ADVICE Trial. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1965-1974.	1.7	14
76	Reducing radiation exposure during procedures performed in the electrophysiology laboratory. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 308-315.	1.7	13
77	Treatment with corticosteroids is associated with an increase in ventricular arrhythmia burden in patients with clinically manifest cardiac sarcoidosis: Insights from implantable cardioverter-defibrillator diagnostics. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2751-2758.	1.7	13
78	Design of an Acute dP/dt Hemodynamic Measurement Protocol to Isolate Cardiac Effect of Pacing. <i>Journal of Cardiac Failure</i> , 2014, 20, 365-372.	1.7	12
79	Very Low Ventricular Pacing Rates Can Be Achieved Safely in a Heterogeneous Pacemaker Population and Provide Clinical Benefits: The CANadian Multi-Centre Randomised Study of Spontaneous AtrioVentricular Conduction pReservation (CAN SAVE R) Trial. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	12
80	Prognostic Value of Noninducibility on Outcomes of Ventricular Tachycardia Ablation. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 911-919.	3.2	12
81	Risk stratification for sudden death in arrhythmogenic right ventricular cardiomyopathy. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 653-664.	1.5	10
82	Focal Transcatheter Cryoablation: Is a Four-Minute Application Still Required?. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 559-563.	1.7	10
83	Impact of Patent Foramen Ovale on Left Atrial Linear Lesions in the Context of Atrial Fibrillation Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 846-850.	1.7	9
84	Initial Results of Efficacy of Left Linear Ablation Using a Novel Simultaneous Multielectrode Ablation Catheter. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 739-745.	1.7	8
85	Preprocedural Clinical Parameters Determining Perimitral Conduction Time During Mitral Isthmus Line Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 287-294.	4.8	8
86	Treatment Failure With Rhythm and Rate Control Strategies in Patients With Atrial Fibrillation and Congestive Heart Failure: An AF-CHF Substudy. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1327-1332.	1.7	7
87	Pharmacotherapy in inherited and acquired ventricular arrhythmia in structurally normal adult hearts. <i>Expert Opinion on Pharmacotherapy</i> , 2019, 20, 2101-2114.	1.8	7
88	Statins and atrial fibrillation in patients with left ventricular dysfunction: Insights from the AF-CHF trial. <i>International Journal of Cardiology</i> , 2013, 165, 575-577.	1.7	6
89	ECG Features Associated With Adverse Cardiovascular Outcomes in Patients With Atrial Fibrillation: A Combined AFFIRM and AF-CHF Analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 404-413.	1.7	6
90	Missense variants in the spectrin repeat domain of DSP are associated with arrhythmogenic cardiomyopathy: A family report and systematic review. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 2359-2368.	1.2	6

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91	Pharmacotherapy for inherited arrhythmia syndromes: mechanistic basis, clinical trial evidence and practical application. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 769-782.	1.5	5
92	Risk stratification for ventricular arrhythmias and sudden cardiac death in arrhythmogenic right ventricular cardiomyopathy: an update. <i>Expert Review of Cardiovascular Therapy</i> , 2019, 17, 645-651.	1.5	5
93	Radiofrequency ablation of atrial fibrillation: The first 100 cases in Lyon. <i>International Journal of Cardiology</i> , 2009, 133, 283-284.	1.7	4
94	Ablation of a symptomatic spontaneous automatic focus arising from an atriofascicular fiber. <i>HeartRhythm Case Reports</i> , 2016, 2, 379-383.	0.4	4
95	Innovative Approaches to Arrhythmic Storm: The Growing Role of Interventional Procedures. <i>Canadian Journal of Cardiology</i> , 2017, 33, 44-50.	1.7	4
96	Evaluation of Saline-Enhanced Radiofrequency Needle-Tip Ablation for Ventricular Tachycardia (SERF) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	1.7	4
97	The role of brain natriuretic peptide in atrial fibrillation: a substudy of the Substrate Modification with Aggressive Blood Pressure Control for Atrial Fibrillation (SMAC-AF) trial. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 445.	1.7	3
98	Pattern of Atrial Fibrillation and Cognitive Function in Young Patients With Atrial Fibrillation and Low CHADS 2 Score: Insights From the BRAIN-AF Trial. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, , CIRCEP121010462.	4.8	3
99	The Impact of Acute Myocardial Ischemia on the Ventricular Defibrillation Threshold During Chronic Oral Azimilide Therapy. <i>Journal of Cardiovascular Pharmacology</i> , 2007, 50, 629-632.	1.9	2
100	Weighing the evidence for weight loss as a therapeutic strategy for atrial fibrillation. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 877-879.	1.5	2
101	Right Ventricular Epicardial Pacing Postcardiac Surgery Can Cause Dynamic Right Ventricular Outflow Tract Obstruction: A Case Report. <i>A&A Practice</i> , 2020, 14, e01346.	0.4	2
102	Effect Of Catheter Ablation On Quality Of Life In Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2014, 6, 1063.	0.5	2
103	A Long Conduction Time in the Coronary Sinus: Has Mitral Isthmus Line Been Blocked?. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 943-945.	1.7	1
104	Comparative effectiveness of ventricular tachycardia ablation vs. escalated antiarrhythmic drug therapy by location of myocardial infarction: a sub-study of the VANISH trial. <i>Europace</i> , 2022, 24, 948-958.	1.7	1
105	Is radiofrequency ablation of accessory pathways always necessary?. <i>Journal of Electrocardiology</i> , 2009, 42, 290-292.	0.9	0
106	Response to Letter Regarding Article, "Left Ventricular Versus Simultaneous Biventricular Pacing in Patients With Heart Failure and a QRS Complex >120 Milliseconds". <i>Circulation</i> , 2012, 126, .	1.6	0
107	Abstract 21033: Effect of Baseline Antiarrhythmic Drug on Outcomes With Ablation in Ischemic Ventricular Tachycardia: A Vanish Substudy. <i>Circulation</i> , 2017, 136, .	1.6	0
108	Integration of 3-D Nuclear Imaging in 3-D Mapping System for Ventricular Tachycardia Ablation in Patients with Implanted Devices: Perfusion/Voltage Retrospective Assessment of Scar Location. <i>Heart Rhythm</i> O2, 2022, , .	1.7	0