Laurent Macle

List of Publications by Year in descending order

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46918 20307 15,334 118 47 116 citations h-index g-index papers 120 120 120 8140 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Approaches to Catheter Ablation for Persistent Atrial Fibrillation. New England Journal of Medicine, 2015, 372, 1812-1822.	13.9	1,725
2	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Heart Rhythm, 2017, 14, e275-e444.	0.3	1,671
3	Comparison of Antiarrhythmic Drug Therapy and Radiofrequency Catheter Ablation in Patients With Paroxysmal Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2010, 303, 333.	3.8	1,024
4	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Europace, 2018, 20, e1-e160.	0.7	767
5	Catheter Ablation Versus Antiarrhythmic Drugs for Atrial Fibrillation. Circulation, 2008, 118, 2498-2505.	1.6	762
6	Technique and Results of Linear Ablation at the Mitral Isthmus. Circulation, 2004, 110, 2996-3002.	1.6	722
7	Catheter Ablation for Atrial Fibrillation. Journal of the American College of Cardiology, 2011, 57, 160-166.	1.2	704
8	Lower Incidence of Thrombus Formation With Cryoenergy Versus Radiofrequency Catheter Ablation. Circulation, 2003, 107, 2045-2050.	1.6	464
9	Cryoablation or Drug Therapy for Initial Treatment of Atrial Fibrillation. New England Journal of Medicine, 2021, 384, 305-315.	13.9	417
10	2014 Focused Update of the Canadian Cardiovascular Society Guidelines for the Management of Atrial Fibrillation. Canadian Journal of Cardiology, 2014, 30, 1114-1130.	0.8	382
11	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Europace, 2018, 20, 157-208.	0.7	375
12	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Journal of Arrhythmia, 2017, 33, 369-409.	0.5	348
13	Cryoballoon or Radiofrequency Ablation for Atrial Fibrillation Assessed by Continuous Monitoring. Circulation, 2019, 140, 1779-1788.	1.6	345
14	Efficacy and safety of cryoballoon ablation for atrial fibrillation: A systematic review of published studies. Heart Rhythm, 2011, 8, 1444-1451.	0.3	326
15	The 2020 Canadian Cardiovascular Society/Canadian Heart Rhythm Society Comprehensive Guidelines for the Management of Atrial Fibrillation. Canadian Journal of Cardiology, 2020, 36, 1847-1948.	0.8	313
16	Distinctive Electrophysiological Properties of Pulmonary Veins in Patients With Atrial Fibrillation. Circulation, 2002, 106, 2479-2485.	1.6	300
17	Substrate and Trigger Ablation for Reduction of Atrial Fibrillation (STAR AF): a randomized, multicentre, international trial. European Heart Journal, 2010, 31, 1344-1356.	1.0	261
18	2016 Focused Update of the Canadian Cardiovascular Society Guidelines for the Management of Atrial Fibrillation. Canadian Journal of Cardiology, 2016, 32, 1170-1185.	0.8	243

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19	2018 Focused Update of the Canadian Cardiovascular Society Guidelines for the Management of Atrial Fibrillation. Canadian Journal of Cardiology, 2018, 34, 1371-1392.	0.8	195
20	"Dormant" Pulmonary Vein Conduction Revealed by Adenosine after Ostial Radiofrequency Catheter Ablation. Journal of Cardiovascular Electrophysiology, 2004, 15, 1041-1047.	0.8	188
21	Adenosine-guided pulmonary vein isolation for the treatment of paroxysmal atrial fibrillation: an international, multicentre, randomised superiority trial. Lancet, The, 2015, 386, 672-679.	6.3	188
22	Reverse Remodeling of Sinus Node Function After Catheter Ablation of Atrial Fibrillation in Patients With Prolonged Sinus Pauses. Circulation, 2003, 108, 1172-1175.	1.6	186
23	Mechanisms by Which Adenosine Restores Conduction in Dormant Canine Pulmonary Veins. Circulation, 2010, 121, 963-972.	1.6	183
24	A prospective, multicenter evaluation of ablating complex fractionated electrograms (CFEs) during atrial fibrillation (AF) identified by an automated mapping algorithm: Acute effects on AF and efficacy as an adjuvant strategy. Heart Rhythm, 2008, 5, 198-205.	0.3	172
25	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Heart Rhythm, 2017, 14, e445-e494.	0.3	135
26	Canadian Cardiovascular Society Atrial Fibrillation Guidelines 2010: Management of Recent-Onset Atrial Fibrillation and Flutter in the Emergency Department. Canadian Journal of Cardiology, 2011, 27, 38-46.	0.8	117
27	Incidence and Significance of Early Recurrences of Atrial Fibrillation After Cryoballoon Ablation. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 69-75.	2.1	117
28	Early Recurrence of Atrial Tachyarrhythmias Following Radiofrequency Catheter Ablation of Atrial Fibrillation. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 106-116.	0.5	111
29	Redefining the Blanking Period After Catheter Ablation for Paroxysmal Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	2.1	109
30	Clinical Experience With a Novel Electromyographic Approach to Preventing Phrenic Nerve Injury During Cryoballoon Ablation in Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 605-611.	2.1	93
31	Contemporary Atrial Fibrillation Management: A Comparison of the Current AHA/ACC/HRS, CCS, and ESC Guidelines. Canadian Journal of Cardiology, 2017, 33, 965-976.	0.8	89
32	Canadian Cardiovascular Society Atrial Fibrillation Guidelines 2010: Catheter Ablation for Atrial Fibrillation/Atrial Flutter. Canadian Journal of Cardiology, 2011, 27, 60-66.	0.8	87
33	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: executive summary. Journal of Interventional Cardiac Electrophysiology, 2017, 50, 1-55.	0.6	83
34	Pulmonary Vein Isolation Using a Secondâ€Generation Cryoballoon Catheter: A Randomized Comparison of Ablation Duration and Method of Deflation. Journal of Cardiovascular Electrophysiology, 2013, 24, 692-698.	0.8	82
35	Dissociated Pulmonary Vein Arrhythmia:. Journal of Cardiovascular Electrophysiology, 2003, 14, 1173-1179.	0.8	74
36	Cryoablation outcomes for AV nodal reentrant tachycardia comparing 4-mm versus 6-mm electrode-tip catheters. Heart Rhythm, 2008, 5, 230-234.	0.3	67

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37	Sex Differences in Atrial Fibrillation. Canadian Journal of Cardiology, 2018, 34, 429-436.	0.8	67
38	Cost Analysis of Catheter Ablation for Paroxysmal Atrial Fibrillation. PACE - Pacing and Clinical Electrophysiology, 2003, 26, 292-294.	0.5	64
39	Incidence and Significance of Early Recurrences Associated with Different Ablation Strategies for AF: A STARâ€AF Substudy. Journal of Cardiovascular Electrophysiology, 2012, 23, 1295-1301.	0.8	61
40	Relationship of Quality of Life With Procedural Success of Atrial Fibrillation (AF) Ablation and Postablation AF Burden: Substudy of the STAR AF Randomized Trial. Canadian Journal of Cardiology, 2013, 29, 1211-1217.	0.8	61
41	Histopathology of Cryoballoon Ablationâ€induced Phrenic Nerve Injury. Journal of Cardiovascular Electrophysiology, 2014, 25, 187-194.	0.8	60
42	Electrical versus pharmacological cardioversion for emergency department patients with acute atrial fibrillation (RAFF2): a partial factorial randomised trial. Lancet, The, 2020, 395, 339-349.	6.3	60
43	Substrate and Trigger Ablation for Reduction of Atrial Fibrillation Trialâ€"Part II (STAR AF II): Design and Rationale. American Heart Journal, 2012, 164, 1-6.e6.	1.2	59
44	Adenosine Following Pulmonary Vein Isolation to Target Dormant Conduction Elimination (ADVICE): Methods and Rationale. Canadian Journal of Cardiology, 2012, 28, 184-190.	0.8	54
45	The Biophysics and Biomechanics of Cryoballoon Ablation. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 1162-1168.	0.5	54
46	Persistent Atrial Fibrillation Ablation With Contact Force–Sensing Catheter. JACC: Clinical Electrophysiology, 2020, 6, 958-969.	1.3	53
47	Differential effectiveness of pharmacological strategies to reveal dormant pulmonary vein conduction: A clinical-experimental correlation. Heart Rhythm, 2011, 8, 1426-1433.	0.3	52
48	Contact force sensing for ablation of persistent atrial fibrillation: A randomized, multicenter trial. Heart Rhythm, 2018, 15, 201-208.	0.3	52
49	Impact of acute atrial fibrillation termination and prolongation of atrial fibrillation cycle length on the outcome of ablation of persistent atrial fibrillation: A substudy of the STAR AF II trial. Heart Rhythm, 2017, 14, 476-483.	0.3	51
50	Effect of catheter ablation on quality of life of patients with paroxysmal atrial fibrillation. Heart Rhythm, 2005, 2, 619-623.	0.3	49
51	Management of Atrial Fibrillation in 2021: An Updated Comparison of the Current CCS/CHRS, ESC, and AHA/ACC/HRS Guidelines. Canadian Journal of Cardiology, 2021, 37, 1607-1618.	0.8	48
52	Selective Complex Fractionated Atrial Electrograms Targeting for Atrial Fibrillation Study (SELECT) Tj ETQq0 0 0	rgBT/Ove	rlock 10 Tf 50
53	Efficacy and Safety of Same-Day Discharge for Atrial Fibrillation Ablation. JACC: Clinical Electrophysiology, 2020, 6, 609-619.	1.3	47
54	Morphometric Ablation Lesion Characteristics Comparing 4, 6, and 8 mm Electrodeâ€√ip Cryocatheters. Journal of Cardiovascular Electrophysiology, 2008, 19, 1203-1207.	0.8	44

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55	The 2014 Atrial Fibrillation Guidelines Companion: AÂPractical Approach to the Use of the Canadian Cardiovascular Society Guidelines. Canadian Journal of Cardiology, 2015, 31, 1207-1218.	0.8	43
56	Cryothermal slow pathway modification for atrioventricular nodal reentrant tachycardia. Europace, 2007, 9, 909-914.	0.7	41
57	Enlargement of Catheter Ablation Lesions in Infant Hearts With Cryothermal Versus Radiofrequency Energy. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 211-217.	2.1	41
58	Influence of Monitoring Strategy on Assessment of Ablation Success and Postablation Atrial Fibrillation Burden Assessment: Implications for Practice and Clinical Trial Design. Circulation, 2022, 145, 21-30.	1.6	38
59	Efficacy and safety of atrial fibrillation ablation with phased radiofrequency energy and multielectrode catheters. Heart Rhythm, 2012, 9, 289-296.	0.3	37
60	Anticoagulation Management Pre- and Post Atrial Fibrillation Ablation: A Survey of Canadian Centres. Canadian Journal of Cardiology, 2013, 29, 219-223.	0.8	37
61	Electrophysiologically Guided Pulmonary Vein Isolation During Sustained Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2003, 14, 255-260.	0.8	34
62	Variability in Non–Vitamin K Antagonist Oral Anticoagulants Dose Adjustment in Atrial Fibrillation Patients With Renal Dysfunction: The Influence of Renal Function Estimation Formulae. Canadian Journal of Cardiology, 2018, 34, 1010-1018.	0.8	33
63	Cryoballoon Ablation for Atrial Fibrillation. Indian Pacing and Electrophysiology Journal, 2012, 12, 39-53.	0.3	31
64	Association of Atrial Fibrillation Episode Duration With Arrhythmia Recurrence Following Ablation. JAMA Network Open, 2020, 3, e208748.	2.8	31
65	Clinical effectiveness of a systematic "pill-in-the-pocket―approach for the management of paroxysmal atrial fibrillation. Heart Rhythm, 2018, 15, 9-16.	0.3	30
66	Atrial fibrillation in young patients. Expert Review of Cardiovascular Therapy, 2018, 16, 489-500.	0.6	30
67	Blinded Randomized Trial of Anticoagulation to Prevent Ischemic Stroke and Neurocognitive Impairment in Atrial Fibrillation (BRAIN-AF): Methods and Design. Canadian Journal of Cardiology, 2019, 35, 1069-1077.	0.8	27
68	Association of Atrial Fibrillation Burden With Health-Related Quality of Life After Atrial Fibrillation Ablation. JAMA Cardiology, 2021, 6, 1324.	3.0	26
69	Heart rate and adverse outcomes in patients with atrial fibrillation: A combined AFFIRM and AF-CHF substudy. Heart Rhythm, 2016, 13, 54-61.	0.3	25
70	Selective CFAE Targeting for Atrial Fibrillation Study (SELECT AF): Clinical Rationale, Design, and Implementation. Journal of Cardiovascular Electrophysiology, 2011, 22, 541-547.	0.8	24
71	Adenosine Testing in Atrial Flutter Ablation: Unmasking of Dormant Conduction Across the Cavotricuspid Isthmus and Risk of Recurrence. Journal of Cardiovascular Electrophysiology, 2013, 24, 995-1001.	0.8	22
72	The Past, the Present, and the Future of Cardiac ArrhythmiaÂAblation. Canadian Journal of Cardiology, 2014, 30, S431-S441.	0.8	21

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73	Catheter Ablation for Persistent Atrial Fibrillation. New England Journal of Medicine, 2015, 373, 877-879.	13.9	20
74	Quality of Life and Health Care Utilization in the CIRCA-DOSE Study. JACC: Clinical Electrophysiology, 2020, 6, 935-944.	1.3	20
75	Impact of Female Sex on Clinical Presentation and Ablation Outcomes in the CIRCA-DOSE Study. JACC: Clinical Electrophysiology, 2020, 6, 945-954.	1.3	18
76	Association Between Quality of Life and Procedural Outcome After Catheter Ablation for Atrial Fibrillation. JAMA Network Open, 2020, 3, e2025473.	2.8	18
77	Autonomic Alterations After Pulmonary Vein Isolation in the CIRCAâ€DOSE (Cryoballoon vs Irrigated) Tj ETQq1 1	0.784314	· rgBT /Overl
78	Prevalence and outcome of early recurrence of atrial tachyarrhythmias in the Cryoballoon vs Irrigated Radiofrequency Catheter Ablation (CIRCA-DOSE) study. Heart Rhythm, 2021, 18, 1463-1470.	0.3	17
79	Persistent Atrial Fibrillation Ablation: Where Do We Go From Here?. Canadian Journal of Cardiology, 2018, 34, 1471-1481.	0.8	16
80	Spatial Relationships of Complex Fractionated Atrial Electrograms and Continuous Electrical Activity to FocalÂElectrical Sources. JACC: Clinical Electrophysiology, 2017, 3, 1220-1228.	1.3	15
81	Randomised clinical trial of cryoballoon versus irrigated radio frequency catheter ablation for atrial fibrillation-the effect of double short versus standard exposure cryoablation duration during pulmonary vein isolation (CIRCA-DOSE): methods and rationale. BMJ Open, 2017, 7, e017970.	0.8	15
82	The Cryoballoon vs Irrigated Radiofrequency Catheter Ablation (CIRCA-DOSE) Study Results in Context. Arrhythmia and Electrophysiology Review, 2020, 9, 34-39.	1.3	15
83	Repeat Atrial Fibrillation Ablation Procedures in the CIRCA-DOSE Study. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008480.	2.1	14
84	Pulmonary Vein Stenosis After Atrial Fibrillation Ablation: Insights From the ADVICE Trial. Canadian Journal of Cardiology, 2020, 36, 1965-1974.	0.8	14
85	Effect of Mental Health Status on Arrhythmia Recurrence After Catheter Ablation of Atrial Fibrillation. Canadian Journal of Cardiology, 2019, 35, 831-839.	0.8	11
86	Clinical assessment of AF pattern is poorly correlated with AF burden and post ablation outcomes: A CIRCA-DOSE sub-study. Journal of Electrocardiology, 2020, 60, 159-164.	0.4	11
87	Pharmacological Tests in Atrial Fibrillation Ablation. Arrhythmia and Electrophysiology Review, 2016, 5, 170.	1.3	11
88	Focal Transcatheter Cryoablation: Is a Fourâ€Minute Application Still Required?. Journal of Cardiovascular Electrophysiology, 2017, 28, 559-563.	0.8	10
89	Antithrombotic Therapy for Atrial Fibrillation and Coronary Disease Demystified. Canadian Journal of Cardiology, 2018, 34, 1426-1436.	0.8	10
90	Impact of left common pulmonary veins in the contact force versus cryoballoon atrial fibrillation ablation (CIRCAâ€DOSE) study. Journal of Cardiovascular Electrophysiology, 2020, 31, 2300-2307.	0.8	9

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91	The New Canadian Cardiovascular Society Algorithm for Antithrombotic Therapy of Atrial Fibrillation Is Appropriately Based on Current Epidemiologic Data. Canadian Journal of Cardiology, 2015, 31, 20-23.	0.8	8
92	Prevalence and clinical impact of spontaneous and adenosine-induced pulmonary vein reconduction in the Contact-Force vs. Cryoballoon Atrial Fibrillation Ablation (CIRCA-DOSE) study. Heart Rhythm, 2020, 17, 897-904.	0.3	7
93	Positive Clinical Benefit on Patient Care, Quality of Life, and Symptoms After Contact Force–Guided Radiofrequency Ablation in Persistent Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e008867.	2.1	7
94	Randomized trial of conventional versus radiofrequency needle transseptal puncture for cryoballoon ablation: the CRYO-LATS trial. Journal of Interventional Cardiac Electrophysiology, 2022, 65, 481-489.	0.6	7
95	Advances in drug, ablation, and device therapy for cardiac arrhythmias. Nature Reviews Cardiology, 2016, 13, 67-68.	6.1	6
96	The Canadian Cardiovascular Society Atrial Fibrillation Guidelines Program: A Look Back Over the Last 10 Years and a Look Forward. Canadian Journal of Cardiology, 2020, 36, 1839-1842.	0.8	6
97	Representation of Women in Atrial Fibrillation Clinical Practice Guidelines. Canadian Journal of Cardiology, 2022, 38, 729-735.	0.8	6
98	Effect of Different Cutpoints for Defining Success Post-Catheter Ablation for Persistent Atrial Fibrillation. JACC: Clinical Electrophysiology, 2017, 3, 522-523.	1.3	5
99	Catheter ablation: an ongoing revolution. Journal of Thoracic Disease, 2019, 11, S212-S215.	0.6	5
100	A randomized, controlled comparison of electrical versus pharmacological cardioversion for emergency department patients with acute atrial flutter. Canadian Journal of Emergency Medicine, 2021, 23, 314-324.	0.5	5
101	Cryoablation or Drug Therapy for Initial Treatment of Atrial Fibrillation. European Cardiology Review, 2022, 17, e10.	0.7	5
102	Pulmonary vein isolation for the treatment of atrial fibrillation: past, present and future. Future Cardiology, 2010, 6, 51-66.	0.5	4
103	Pulmonary vein isolation and left atrial catheter ablation using a three-dimensional navigation system for the treatment of atrial fibrillation. Canadian Journal of Cardiology, 2009, 25, e169-e172.	0.8	3
104	Effect of Postablation Monitoring Strategy on Long-Term Outcome for Catheter Ablation of Persistent Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008682.	2.1	3
105	Completeness of Linear or Fractionated Electrogram Ablation in Addition to Pulmonary Vein Isolation on Ablation Outcome. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010146.	2.1	3
106	Evidence-Based Anticoagulation Decision Making for Atrial Fibrillation—How We Are Doing? (Maybe) Tj ETQq0	0 0 rgBT /	Overlock 10 1
107	Incidence of Concurrent Atrial Fibrillation in Patients Who Present With Atrial Tachycardia and Atrial Flutter Postablation for Persistent Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e008683.	2.1	2
108	Effect Of Catheter Ablation On Quality Of Life In Atrial Fibrillation. Journal of Atrial Fibrillation, 2014, 6, 1063.	0.5	2

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109	Has Conduction to the Pulmonary Vein Recovered?. Journal of Cardiovascular Electrophysiology, 2009, 20, 349-351.	0.8	1
110	Dormant pulmonary vein conduction unmasked by external electrical cardioversion. Heart Rhythm, 2010, 7, 1706-1707.	0.3	1
111	Improving ablation strategies for the treatment of atrial fibrillation. Expert Review of Medical Devices, $2014,11,77-88$.	1.4	1
112	Adenosine-induced persistent recovery of accessory pathway conduction following mechanical block. Indian Pacing and Electrophysiology Journal, 2019, 19, 81-82.	0.3	1
113	Distance between the descending aorta and the left inferior pulmonary vein as a determinant of biophysical parameters during paroxysmal atrial fibrillation cryoablation. Journal of Cardiovascular Electrophysiology, 2021, 32, 2943-2952.	0.8	1
114	The 2020 CCS atrial fibrillation guidelines for pharmacists: Top 10 takeaways. Canadian Pharmacists Journal, 2022, 155, 171516352110581.	0.4	1
115	Mortality Risk Associated With Atrial Fibrillation Ablation: No Harm, No Foul. Canadian Journal of Cardiology, 2022, 38, 1619-1620.	0.8	1
116	A critical evaluation of second-generation AF ablation technologies: cryoballoons and contact forces. Expert Review of Medical Devices, 2016, 13, 305-307.	1.4	0
117	Comment on "The Canadian Cardiovascular Society 2018 guideline update for atrial fibrillation – A different perspective― Canadian Journal of Emergency Medicine, 2020, 22, E3.	0.5	0
118	Predicting Atrial Fibrillation Recurrence After Catheter Ablation: A Comparative Evaluation in the CIRCA-DOSE Trial. Circulation: Arrhythmia and Electrophysiology, 2021, 14, CIRCEP121010443.	2.1	O