

Stanley Nattel

List of Publications by Year in descending order

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Version: 2024-02-01

657
papers

65,134
citations

466

130
h-index

1091

232
g-index

714
all docs

714
docs citations

714
times ranked

27892
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiposity-associated atrial fibrillation: molecular determinants, mechanisms, and clinical significance. Cardiovascular Research, 2023, 119, 614-630.	3.8	15
2	The effects of cardiac stretch on atrial fibroblasts: analysis of the evidence and potential role in atrial fibrillation. Cardiovascular Research, 2022, 118, 440-460.	3.8	18
3	Gut microbiota, dysbiosis and atrial fibrillation. Arrhythmogenic mechanisms and potential clinical implications. Cardiovascular Research, 2022, 118, 2415-2427.	3.8	45
4	Rotors anchored by refractory islands drive torsades de pointes in an experimental model of electrical storm. Heart Rhythm, 2022, 19, 318-329.	0.7	6
5	The role of cellular senescence in cardiac disease: basic biology and clinical relevance. Nature Reviews Cardiology, 2022, 19, 250-264.	13.7	84
6	Recent Insights Into Mechanisms and Clinical Approaches to Electrical Storm. Canadian Journal of Cardiology, 2022, 38, 439-453.	1.7	14
7	Pattern of Atrial Fibrillation and Cognitive Function in Young Patients With Atrial Fibrillation and Low CHADS 2 Score: Insights From the BRAIN-AF Trial. Circulation: Arrhythmia and Electrophysiology, 2022, , CIRCEP121010462.	4.8	3
8	Digital Technologies: Revolutionizing Cardiovascular Medicine and Reshaping the World. Canadian Journal of Cardiology, 2022, 38, 142-144.	1.7	0
9	Atrial fibrillation in heart failure: A practical approach for the clinician. Canadian Journal of Cardiology, 2022, , .	1.7	0
10	Understanding, Predicting, Preventing, and Treating Ventricular Arrhythmias: Pushing Sudden Death Into Overtime. Canadian Journal of Cardiology, 2022, 38, 414-417.	1.7	3
11	PO-616-07 THE ROLE OF CELLULAR SENESENCE IN ATRIAL FIBRILLATION. Heart Rhythm, 2022, 19, S113-S114.	0.7	0
12	Inflammasome Signaling in Atrial Fibrillation. Journal of the American College of Cardiology, 2022, 79, 2349-2366.	2.8	37
13	The inflammation-resolution promoting molecule resolvin-D1 prevents atrial proarrhythmic remodelling in experimental right heart disease. Cardiovascular Research, 2021, 117, 1776-1789.	3.8	38
14	Role of atrial arrhythmia and ventricular response in atrial fibrillation induced atrial remodelling. Cardiovascular Research, 2021, 117, 462-471.	3.8	16
15	Chronic obstructive pulmonary disease and atrial fibrillation: an interdisciplinary perspective. European Heart Journal, 2021, 42, 532-540.	2.2	46
16	Postoperative Atrial Fibrillation. Cardiac Electrophysiology Clinics, 2021, 13, 123-132.	1.7	12
17	Biomarkers in Atrial Fibrillation. Cardiac Electrophysiology Clinics, 2021, 13, 221-233.	1.7	19
18	Implications of Inflammation and Fibrosis in Atrial Fibrillation Pathophysiology. Cardiac Electrophysiology Clinics, 2021, 13, 25-35.	1.7	51

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19	New aspects of endocrine control of atrial fibrillation and possibilities for clinical translation. Cardiovascular Research, 2021, 117, 1645-1661.	3.8	24
20	Why translation from basic discoveries to clinical applications is so difficult for atrial fibrillation and possible approaches to improving it. Cardiovascular Research, 2021, 117, 1616-1631.	3.8	31
21	Sleep Apnea and Atrial Fibrillation. Cardiac Electrophysiology Clinics, 2021, 13, 87-94.	1.7	21
22	Risk Factors in Atrial Fibrillation: Appraisal of Atrial Fibrillation Risk Stratification. Cardiac Electrophysiology Clinics, 2021, 13, xix-xx.	1.7	1
23	Inositol Trisphosphate Receptors and Nuclear Calcium in Atrial Fibrillation. Circulation Research, 2021, 128, 619-635.	4.5	20
24	Computational models of atrial fibrillation: achievements, challenges, and perspectives for improving clinical care. Cardiovascular Research, 2021, 117, 1682-1699.	3.8	47
25	Finding a new job: glutamate signaling acts in atrial cardiomyocytes. Cell Research, 2021, 31, 943-944.	12.0	1
26	One Ring to Rule Them All: Continuous Monitoring of Patients With Secondary Atrial Fibrillation Points to a Unifying Underlying Mechanism. Canadian Journal of Cardiology, 2021, 37, 686-689.	1.7	7
27	Cohesin-protein Shugoshin-1 controls cardiac automaticity via HCN4 pacemaker channel. Nature Communications, 2021, 12, 2551.	12.8	7
28	Challenges and opportunities in improving the management of atrial fibrillation: recent research advances and their clinical translation. Cardiovascular Research, 2021, 117, 1609-1611.	3.8	5
29	A computational model of pig ventricular cardiomyocyte electrophysiology and calcium handling: Translation from pig to human electrophysiology. PLoS Computational Biology, 2021, 17, e1009137.	3.2	3
30	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.	1.7	48
31	Ageing, comorbidities, and the complex determinants of atrial fibrillation in athletes. European Heart Journal, 2021, 42, 3526-3528.	2.2	4
32	Does gut microbiota affect atrial rhythm? Causalities and speculations. European Heart Journal, 2021, 42, 3521-3525.	2.2	23
33	Electrophysiological engineering of heart-derived cells with calcium-dependent potassium channels improves cell therapy efficacy for cardioprotection. Nature Communications, 2021, 12, 4963.	12.8	5
34	Transcriptomic Profiling of Canine Atrial Fibrillation Models After One Week of Sustained Arrhythmia. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009887.	4.8	6
35	Atrial-Specific LKB1 Knockdown Represents a Novel Mouse Model of Atrial Cardiomyopathy With Spontaneous Atrial Fibrillation. Circulation, 2021, 144, 909-912.	1.6	10
36	Cardiac Na/Ca Exchange Suppression: A Lateâ€œBreaking Knockout Story Showing That There Is No Free Lunch. Journal of the American Heart Association, 2021, 10, e022512.	3.7	0

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37	Understanding the molecular events preceding and leading to atrial fibrillation. Heart Rhythm, 2021, 18, 2126-2127.	0.7	1
38	Diminished PLK2 Induces Cardiac Fibrosis and Promotes Atrial Fibrillation. Circulation Research, 2021, 129, 804-820.	4.5	18
39	Fish Oil Supplements May Increase the Risk for Atrial Fibrillation: What Does This Mean?. Circulation, 2021, 144, 1991-1994.	1.6	4
40	Editorial Commentary: Obesity, body composition and atrial fibrillation. Trends in Cardiovascular Medicine, 2020, 30, 212-214.	4.9	3
41	Sex as a Key Variable in Predicting Cardiovascular Outcomes: Rapidly Evolving Knowledge but Much More Needed. Canadian Journal of Cardiology, 2020, 36, 1-3.	1.7	4
42	Reply. Journal of the American College of Cardiology, 2020, 76, 2179-2180.	2.8	0
43	Comparison of Atrial Remodeling Caused by Sustained Atrial Flutter Versus Atrial Fibrillation. Journal of the American College of Cardiology, 2020, 76, 374-388.	2.8	18
44	Association of Atrial Fibrillation Episode Duration With Arrhythmia Recurrence Following Ablation. JAMA Network Open, 2020, 3, e208748.	5.9	31
45	Atrial Myocyte NLRP3/CaMKII Nexus Forms a Substrate for Postoperative Atrial Fibrillation. Circulation Research, 2020, 127, 1036-1055.	4.5	152
46	In Memoriam—Martial G. Bourassa (1931-2020). Canadian Journal of Cardiology, 2020, 36, 1562-1563.	1.7	0
47	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.	1.7	6
48	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.	1.7	313
49	Electrophysiological Effects of Atrial Epicardial Adipose Tissue. Journal of the American College of Cardiology, 2020, 76, 1212-1214.	2.8	6
50	Paracrine signalling by cardiac calcitonin controls atrial fibrogenesis and arrhythmia. Nature, 2020, 587, 460-465.	27.8	55
51	Pulmonary Vein Stenosis After Atrial Fibrillation Ablation: Insights From the ADVANCE Trial. Canadian Journal of Cardiology, 2020, 36, 1965-1974.	1.7	14
52	Do Atrial Fibrillation—Promoting Gene Variants Act by Enhancing Atrial Remodeling?. JACC: Clinical Electrophysiology, 2020, 6, 1522-1524.	3.2	1
53	Molecular Basis of Atrial Fibrillation Pathophysiology and Therapy. Circulation Research, 2020, 127, 51-72.	4.5	222
54	Prevalence and clinical impact of spontaneous and adenosine-induced pulmonary vein reconnection in the Contact-Force vs. Cryoballoon Atrial Fibrillation Ablation (CIRCA-DOSE) study. Heart Rhythm, 2020, 17, 897-904.	0.7	7

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55	Physical activity and atrial fibrillation risk: it's complicated; and sex is critical. <i>European Heart Journal</i> , 2020, 41, 1487-1489.	2.2	10
56	A Focus on COVID-19: Fast and Accurate Information to Guide Management for Pandemic-Related Issues in Cardiac Patients. <i>Canadian Journal of Cardiology</i> , 2020, 36, 787-788.	1.7	0
57	Linking cellular energy state to atrial fibrillation pathogenesis: Potential role of adenosine monophosphate-activated protein kinase. <i>Heart Rhythm</i> , 2020, 17, 1398-1404.	0.7	12
58	M/M/Infinity Birth-Death Processes – A Quantitative Representational Framework to Summarize and Explain Phase Singularity and Wavelet Dynamics in Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2020, 11, 616866.	2.8	14
59	Altered calcium handling produces reentry-promoting action potential alternans in atrial fibrillation-remodeled hearts. <i>JCI Insight</i> , 2020, 5, .	5.0	28
60	Binge Alcohol Exposure Triggers Atrial Fibrillation Through T-Type Ca^{2+} Channel Upregulation via Protein Kinase C (PKC) / Glycogen Synthesis Kinase β (GSK β) / Nuclear Factor of Activated T-Cells (NFAT) Signaling – An Experimental Account of Holiday Heart Syndrome. <i>Circulation Journal</i> , 2020, 84, 1931-1940.	1.6	11
61	Exchange protein activated by cyclic-adenosine monophosphate (Epac) regulates atrial fibroblast function and controls cardiac remodelling. <i>Cardiovascular Research</i> , 2019, 115, 94-106.	3.8	34
62	The Inability of the Choroid to Revascularize in Oxygen-Induced Retinopathy Results from Increased p53/miR-Let-7b Activity. <i>American Journal of Pathology</i> , 2019, 189, 2340-2356.	3.8	7
63	Notes From Cardiology Clinic: Medicine Is More Than Just Pills, Procedures, and Devices. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1263-1264.	1.7	0
64	Right Atrial Mechanisms of Atrial Fibrillation in a Rat Model of Right Heart Disease. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1332-1347.	2.8	72
65	Role of the lysyl oxidase enzyme family in cardiac function and disease. <i>Cardiovascular Research</i> , 2019, 115, 1820-1837.	3.8	30
66	Molecular Signature of CAID Syndrome: Noncanonical Roles of SGO1 in Regulation of TGF- β Signaling and Epigenomics. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 411-431.	4.5	11
67	An N/L-type calcium channel blocker, cilnidipine, suppresses autonomic, electrical, and structural remodelling associated with atrial fibrillation. <i>Cardiovascular Research</i> , 2019, 115, 1975-1985.	3.8	14
68	Age-related regulation and region-specific distribution of ion channel subunits promoting atrial fibrillation in human left and right atria. <i>Europace</i> , 2019, 21, 1261-1269.	1.7	21
69	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
70	Computational models of the atrial fibrillation substrate: can they explain post-ablation recurrences and help to prevent them. <i>Cardiovascular Research</i> , 2019, 115, 1681-1683.	3.8	1
71	Guideline Implications of Prothrombotic State Assessment in Low-Risk Atrial Fibrillation Patients: Consistency With CHA ₂ DS ₂ -VASc and Support for CHADS ₂ -65. <i>Canadian Journal of Cardiology</i> , 2019, 35, 547-549.	1.7	0
72	The Canadian Journal of Cardiology: Open and Growing. <i>Canadian Journal of Cardiology</i> , 2019, 35, 133-137.	1.7	0

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73	Postoperative atrial fibrillation: mechanisms, manifestations and management. <i>Nature Reviews Cardiology</i> , 2019, 16, 417-436.	13.7	296
74	Postoperative Atrial Fibrillation After Noncardiac Surgery: Maybe Not So Benign After All. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1423-1425.	1.7	4
75	Renewal Theory as a Universal Quantitative Framework to Characterize Phase Singularity Regeneration in Mammalian Cardiac Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007569.	4.8	35
76	Role of autonomic nervous system in atrial fibrillation. <i>International Journal of Cardiology</i> , 2019, 287, 181-188.	1.7	95
77	Clarity and controversy around rate control in AF, the orphan child in AF therapeutics. <i>International Journal of Cardiology</i> , 2019, 287, 189-194.	1.7	1
78	Natriuretic peptide receptors and atrial-selective fibrosis: potential role in atrial fibrillation. <i>Cardiovascular Research</i> , 2019, 115, 258-260.	3.8	1
79	Translational Challenges in Atrial Fibrillation. <i>Circulation Research</i> , 2018, 122, 752-773.	4.5	131
80	Calcium-dependent potassium channels control proliferation of cardiac progenitor cells and bone marrow-derived mesenchymal stem cells. <i>Journal of Physiology</i> , 2018, 596, 2359-2379.	2.9	16
81	Response by Lau et al to Letters Regarding Article, "Modifiable Risk Factors and Atrial Fibrillation". <i>Circulation</i> , 2018, 137, 1534-1535.	1.6	1
82	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Europace</i> , 2018, 20, e1-e160.	1.7	767
83	Electrical coupling between cardiomyocytes and fibroblasts: experimental testing of a challenging and important concept. <i>Cardiovascular Research</i> , 2018, 114, 349-352.	3.8	30
84	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. <i>Europace</i> , 2018, 20, 157-208.	1.7	375
85	Associations of Obstructive Sleep Apnea With Atrial Fibrillation and Continuous Positive Airway Pressure Treatment. <i>JAMA Cardiology</i> , 2018, 3, 532.	6.1	252
86	Atrial Infarction-Induced Spontaneous Focal Discharges and Atrial Fibrillation in Sheep. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005659.	4.8	23
87	Aging and Protein Kinase Activation. <i>Circulation Research</i> , 2018, 122, 799-801.	4.5	7
88	The Molecular Pathophysiology of Atrial Fibrillation. , 2018, , 396-408.		1
89	Profibrotic, Electrical, and Calcium-Handling Remodeling of the Atria in Heart Failure Patients With and Without Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2018, 9, 1383.	2.8	77
90	2018 Focused Update of the Canadian Cardiovascular Society Guidelines for the Management of Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1371-1392.	1.7	195

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91	Catheter ablation of atrial fibrillation and outcomes in heart failure patients: seeking the treasure in the CASTLE. Cardiovascular Research, 2018, 114, e50-e52.	3.8	1
92	Enhanced Cardiomyocyte NLRP3 Inflammasome Signaling Promotes Atrial Fibrillation. Circulation, 2018, 138, 2227-2242.	1.6	376
93	Mechanisms and Clinical Significance of Arrhythmia-Induced Cardiomyopathy. Canadian Journal of Cardiology, 2018, 34, 1449-1460.	1.7	30
94	Taking the Pulse of Atrial Fibrillation: A Practical Approach to Rate Control. Canadian Journal of Cardiology, 2018, 34, 1526-1530.	1.7	7
95	Prof Niels Voigt talks to Prof Stanley Nattel about advances in atrial fibrillation research and career insights. Cardiovascular Research, 2018, 114, e65-e65.	3.8	0
96	Age as a Critical Determinant of Atrial Fibrillation: A Two-sided Relationship. Canadian Journal of Cardiology, 2018, 34, 1396-1406.	1.7	36
97	Application of kinomic array analysis to screen for altered kinases in atrial fibrillation remodeling. Heart Rhythm, 2018, 15, 1708-1716.	0.7	5
98	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: Definition, characterization, and clinical implication. Heart Rhythm, 2017, 14, e3-e40.	0.7	442
99	MicroRNA-135a regulates sodium-calcium exchanger gene expression and cardiac electrical activity. Heart Rhythm, 2017, 14, 739-748.	0.7	13
100	Aortic Vascular Calcification: Cholesterol Lowering Does Not Reduce Progression in Patients With Familial Hypercholesterolemia—or Does It?. Canadian Journal of Cardiology, 2017, 33, 594-596.	1.7	6
101	Intracellular Angiotensin-II Interacts With Nuclear Angiotensin Receptors in Cardiac Fibroblasts and Regulates RNA Synthesis, Cell Proliferation, and Collagen Secretion. Journal of the American Heart Association, 2017, 6, .	3.7	43
102	Rate-Dependent Role of I _{Kur} in Human Atrial Repolarization and Atrial Fibrillation Maintenance. Biophysical Journal, 2017, 112, 1997-2010.	0.5	18
103	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Heart Rhythm, 2017, 14, e275-e444.	0.7	1,671
104	Atrial Fibrillation and Body Composition. Journal of the American College of Cardiology, 2017, 69, 2498-2501.	2.8	19
105	Molecular and Cellular Mechanisms of Atrial Fibrosis in Atrial Fibrillation. JACC: Clinical Electrophysiology, 2017, 3, 425-435.	3.2	290
106	Characterization of Sgo1 expression in developing and adult mouse. Gene Expression Patterns, 2017, 25-26, 36-45.	0.8	7
107	Controversies About Atrial Fibrillation Mechanisms. Circulation Research, 2017, 120, 1396-1398.	4.5	76
108	Contemporary Atrial Fibrillation Management: A Comparison of the Current AHA/ACC/HRS, CCS, and ESC Guidelines. Canadian Journal of Cardiology, 2017, 33, 965-976.	1.7	89

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109	Demystifying rotors and their place in clinical translation of atrial fibrillation mechanisms. <i>Nature Reviews Cardiology</i> , 2017, 14, 509-520.	13.7	72
110	Endoplasmic Reticulum Stress Is Associated With Autophagy and Cardiomyocyte Remodeling in Experimental and Human Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	87
111	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. <i>Journal of Arrhythmia</i> , 2017, 33, 369-409.	1.2	348
112	Taking Hockey to Heart: Potential Coronary Risks of Watching Exciting Games. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1517-1519.	1.7	2
113	Basic Electrophysiology. <i>Cardiovascular Medicine</i> , 2017, , 1-13.	0.0	0
114	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: executive summary. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2017, 50, 1-55.	1.3	83
115	A Practical Approach to Avoiding Cardiovascular Adverse Effects of Psychoactive Medications. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1577-1586.	1.7	16
116	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. <i>Heart Rhythm</i> , 2017, 14, e445-e494.	0.7	135
117	Allele-Specific Gene Silencing. <i>Circulation Research</i> , 2017, 121, 480-482.	4.5	2
118	Dataset of Sgo1 expression in cardiac, gastrointestinal, hepatic and neuronal tissue in mouse. <i>Data in Brief</i> , 2017, 13, 731-737.	1.0	5
119	Atrial Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2017, 70, 756-765.	2.8	166
120	JAK-STAT signalling and the atrial fibrillation promoting fibrotic substrate. <i>Cardiovascular Research</i> , 2017, 113, 310-320.	3.8	52
121	Modifiable Risk Factors and Atrial Fibrillation. <i>Circulation</i> , 2017, 136, 583-596.	1.6	451
122	Dysfunction of Myosin Lightâ€Chain 4 (MYL4) Leads to Heritable Atrial Cardiomyopathy With Electrical, Contractile, and Structural Components: Evidence From Geneticallyâ€Engineered Rats. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	52
123	T-tubular collagen: a new player in mechanosensing and disease?. <i>Cardiovascular Research</i> , 2017, 113, 839-840.	3.8	4
124	Close connections between contraction and rhythm: a new genetic cause of atrial fibrillation/cardiomyopathy and what it can teach us. <i>European Heart Journal</i> , 2017, 38, 35-37.	2.2	20
125	Drug Shortages: Patients and Health Care Providers Are All Drawing the Short Straw. <i>Canadian Journal of Cardiology</i> , 2017, 33, 283-286.	1.7	34
126	Metabolic Considerations in Atrial Fibrillationâ€â€â€ Mechanistic Insights and Therapeutic Opportunities â€. <i>Circulation Journal</i> , 2017, 81, 1749-1757.	1.6	48

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127	Computational models of atrial cellular electrophysiology and calcium handling, and their role in atrial fibrillation. <i>Journal of Physiology</i> , 2016, 594, 537-553.	2.9	54
128	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: definition, characterization, and clinical implication. <i>Europace</i> , 2016, 18, 1455-1490.	1.7	471
129	The pioneering work of George Mines on cardiac arrhythmias: groundbreaking ideas that remain influential in contemporary cardiac electrophysiology. <i>Journal of Physiology</i> , 2016, 594, 2377-2386.	2.9	9
130	A novel transgenic rabbit model with reduced repolarization reserve: long QT syndrome caused by a dominant-negative mutation of the <i>KCNE1</i> gene. <i>British Journal of Pharmacology</i> , 2016, 173, 2046-2061.	5.4	38
131	An Emerging Malignant Arrhythmia Epidemic Due to Loperamide Abuse. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 790-792.	3.2	5
132	Potassium Channel Remodeling in Heart Disease. <i>Cardiac Electrophysiology Clinics</i> , 2016, 8, 337-347.	1.7	5
133	Dronedaron. <i>Cardiac Electrophysiology Clinics</i> , 2016, 8, 453-465.	1.7	13
134	How does fibrosis promote atrial fibrillation persistence: <i>in silico</i> findings, clinical observations, and experimental data. <i>Cardiovascular Research</i> , 2016, 110, 295-297.	3.8	31
135	EHRA/HRS/APHRS/SOLAECE expert consensus on Atrial cardiomyopathies: Definition, characterisation, and clinical implication. <i>Journal of Arrhythmia</i> , 2016, 32, 247-278.	1.2	92
136	2016 Focused Update of the Canadian Cardiovascular Society Guidelines for the Management of Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1170-1185.	1.7	243
137	Cardiac Potassium Channel Disorders: From Basics to Clinics. <i>Cardiac Electrophysiology Clinics</i> , 2016, 8, xv-xvi.	1.7	0
138	Electrophysiological and molecular mechanisms of paroxysmal atrial fibrillation. <i>Nature Reviews Cardiology</i> , 2016, 13, 575-590.	13.7	128
139	Redefining the Blanking Period After Catheter Ablation for Paroxysmal Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	109
140	Direct Effects of Activation and Inhibition of the Coagulation System on the Atrial Fibrillation Substrate. <i>JACC Basic To Translational Science</i> , 2016, 1, 340-343.	4.1	2
141	Atrial fibrillation. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16016.	30.5	185
142	Deciphering the fundamental mechanisms of atrial fibrillation: a quest for over a century. <i>Cardiovascular Research</i> , 2016, 109, 465-466.	3.8	7
143	Advances in drug, ablation, and device therapy for cardiac arrhythmias. <i>Nature Reviews Cardiology</i> , 2016, 13, 67-68.	13.7	6
144	The value of basic research insights into atrial fibrillation mechanisms as a guide to therapeutic innovation: a critical analysis. <i>Cardiovascular Research</i> , 2016, 109, 467-479.	3.8	166

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145	Caged ligands to study the role of intracellular GPCRs. <i>Methods</i> , 2016, 92, 72-77.	3.8	15
146	Estradiol regulates human QT-interval: acceleration of cardiac repolarization by enhanced KCNH2 membrane trafficking. <i>European Heart Journal</i> , 2016, 37, 640-650.	2.2	50
147	Role of Inflammation in Atrial Fibrillation Pathophysiology and Management. <i>Circulation Journal</i> , 2015, 79, 495-502.	1.6	345
148	The Past, Present, and Potential Future of Sodium Channel Block as an Atrial Fibrillation Suppressing Strategy. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 432-440.	1.9	15
149	Pulmonary vein exit block despite recovery of entry conduction during redo-ablation for atrial fibrillation. <i>Europace</i> , 2015, 17, 752-752.	1.7	3
150	Modeling the Aging Heart: From Local Respiratory Defects to Global Rhythm Disturbances. <i>Cell Metabolism</i> , 2015, 21, 662-663.	16.2	1
151	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
152	Innovative Therapeutics for Atrial Fibrillation. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 409-411.	1.9	1
153	The 2014 Atrial Fibrillation Guidelines Companion: A Practical Approach to the Use of the Canadian Cardiovascular Society Guidelines. <i>Canadian Journal of Cardiology</i> , 2015, 31, 1207-1218.	1.7	43
154	Results-Based Accountability for Cardiovascular Epidemiology Research by the National Heart, Lung, and Blood Institute. <i>Circulation</i> , 2015, 132, 1949-1952.	1.6	0
155	Canadian Cardiovascular Society 2014 Algorithm for Anticoagulation Therapy in Atrial Fibrillation Debated. <i>Canadian Journal of Cardiology</i> , 2015, 31, 1-2.	1.7	4
156	Changes in the Atrial Transcriptome and Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 5-7.	4.8	11
157	Fibroblast Inward-Rectifier Potassium Current Upregulation in Profibrillatory Atrial Remodeling. <i>Circulation Research</i> , 2015, 116, 836-845.	4.5	79
158	Targeting MicroRNA-208a to Suppress Adverse Postmyocardial Infarction Remodelling Related to RNA Activation of Endoglin Gene Expression. <i>Canadian Journal of Cardiology</i> , 2015, 31, 591-592.	1.7	5
159	A Systematic Review on the Progression of Paroxysmal to Persistent Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2015, 1, 105-115.	3.2	63
160	Adenosine-guided pulmonary vein isolation for the treatment of paroxysmal atrial fibrillation: an international, multicentre, randomised superiority trial. <i>Lancet, The</i> , 2015, 386, 672-679.	13.7	188
161	Wavelet analysis of cardiac optical mapping data. <i>Computers in Biology and Medicine</i> , 2015, 65, 243-255.	7.0	17
162	Loss of Cardiomyocyte Integrin-Linked Kinase Produces an Arrhythmogenic Cardiomyopathy in Mice. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 921-932.	4.8	21

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