

Stanley Nattel

List of Publications by Year in descending order

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657
papers

65,134
citations

553

130
h-index

1256

232
g-index

714
all docs

714
docs citations

714
times ranked

29974
citing authors

#	ARTICLE	IF	CITATIONS
1	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Heart Rhythm</i> , 2017, 14, e275-e444.	0.3	1,671
2	2012 HRS/EHRA/ECAS Expert Consensus Statement on Catheter and Surgical Ablation of Atrial Fibrillation: Recommendations for Patient Selection, Procedural Techniques, Patient Management and Follow-up, Definitions, Endpoints, and Research Trial Design. <i>Heart Rhythm</i> , 2012, 9, 632-696.e21.	0.3	1,541
3	Fibrillation: Recommendations for Patient Selection, Procedural Techniques, Patient Management and Follow-up, Definitions, Endpoints, and Research Trial Design: A report of the Heart Rhythm Society (HRS) Task Force on Catheter and Surgical Ablation of Atrial Fibrillation. Developed in partnership with the European Heart Rhythm Association (EHRA), a registered branch of the European Society of Cardiology (ESC) and the E. <i>Europace</i> , 2012, 14, 528-606.	0.7	1,497
4	Rhythm Control versus Rate Control for Atrial Fibrillation and Heart Failure. <i>New England Journal of Medicine</i> , 2008, 358, 2667-2677.	13.9	1,421
5	New ideas about atrial fibrillation 50 years on. <i>Nature</i> , 2002, 415, 219-226.	13.7	1,364
6	Promotion of Atrial Fibrillation by Heart Failure in Dogs. <i>Circulation</i> , 1999, 100, 87-95.	1.6	1,273
7	2012 HRS/EHRA/ECAS expert consensus statement on catheter and surgical ablation of atrial fibrillation: recommendations for patient selection, procedural techniques, patient management and follow-up, definitions, endpoints, and research trial design. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2012, 33, 171-257.	0.6	1,167
8	Amiodarone to Prevent Recurrence of Atrial Fibrillation. <i>New England Journal of Medicine</i> , 2000, 342, 913-920.	13.9	1,071
9	Atrial Fibrosis: Mechanisms and Clinical Relevance in Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2008, 51, 802-809.	1.2	1,044
10	The Clinical Profile and Pathophysiology of Atrial Fibrillation. <i>Circulation Research</i> , 2014, 114, 1453-1468.	2.0	899
11	Atrial Remodeling and Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2008, 1, 62-73.	2.1	897
12	Ionic mechanisms underlying human atrial action potential properties: insights from a mathematical model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H301-H321.	1.5	830
13	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Europace</i> , 2018, 20, e1-e160.	0.7	767
14	Arrhythmogenic Ion-Channel Remodeling in the Heart: Heart Failure, Myocardial Infarction, and Atrial Fibrillation. <i>Physiological Reviews</i> , 2007, 87, 425-456.	13.1	752
15	Ionic Remodeling Underlying Action Potential Changes in a Canine Model of Atrial Fibrillation. <i>Circulation Research</i> , 1997, 81, 512-525.	2.0	659
16	Effects of Angiotensin-Converting Enzyme Inhibition on the Development of the Atrial Fibrillation Substrate in Dogs With Ventricular Tachypacing-Induced Congestive Heart Failure. <i>Circulation</i> , 2001, 104, 2608-2614.	1.6	646
17	Atrial Fibrillation Pathophysiology. <i>Circulation</i> , 2011, 124, 2264-2274.	1.6	646
18	Probulcol and Multivitamins in the Prevention of Restenosis after Coronary Angioplasty. <i>New England Journal of Medicine</i> , 1997, 337, 365-372.	13.9	578

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19	Role of the Autonomic Nervous System in Atrial Fibrillation. <i>Circulation Research</i> , 2014, 114, 1500-1515.	2.0	578
20	Atrial Remodeling and Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2335-2345.	1.2	544
21	Cellular and Molecular Electrophysiology of Atrial Fibrillation Initiation, Maintenance, and Progression. <i>Circulation Research</i> , 2014, 114, 1483-1499.	2.0	530
22	Enhanced Sarcoplasmic Reticulum Ca ²⁺ Leak and Increased Na ⁺ -Ca ²⁺ Exchanger Function Underlie Delayed Afterdepolarizations in Patients With Chronic Atrial Fibrillation. <i>Circulation</i> , 2012, 125, 2059-2070.	1.6	523
23	Recent advances in the molecular pathophysiology of atrial fibrillation. <i>Journal of Clinical Investigation</i> , 2011, 121, 2955-2968.	3.9	480
24	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: definition, characterization, and clinical implication. <i>Europace</i> , 2016, 18, 1455-1490.	0.7	471
25	Focused 2012 Update of the Canadian Cardiovascular Society Atrial Fibrillation Guidelines: Recommendations for Stroke Prevention and Rate/Rhythm Control. <i>Canadian Journal of Cardiology</i> , 2012, 28, 125-136.	0.8	461
26	Modifiable Risk Factors and Atrial Fibrillation. <i>Circulation</i> , 2017, 136, 583-596.	1.6	451
27	Prevention of Atrial Fibrillation. <i>Circulation</i> , 2009, 119, 606-618.	1.6	446
28	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: Definition, characterization, and clinical implication. <i>Heart Rhythm</i> , 2017, 14, e3-e40.	0.3	442
29	Regional and tissue specific transcript signatures of ion channel genes in the non-diseased human heart. <i>Journal of Physiology</i> , 2007, 582, 675-693.	1.3	434
30	Evidence for Two Components of Delayed Rectifier K ⁺ Current in Human Ventricular Myocytes. <i>Circulation Research</i> , 1996, 78, 689-696.	2.0	409
31	Cardiac Arrhythmogenic Remodeling in a Rat Model of Long-Term Intensive Exercise Training. <i>Circulation</i> , 2011, 123, 13-22.	1.6	394
32	Cellular and Molecular Mechanisms of Atrial Arrhythmogenesis in Patients With Paroxysmal Atrial Fibrillation. <i>Circulation</i> , 2014, 129, 145-156.	1.6	386
33	2014 Focused Update of the Canadian Cardiovascular Society Guidelines for the Management of Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2014, 30, 1114-1130.	0.8	382
34	Enhanced Cardiomyocyte NLRP3 Inflammasome Signaling Promotes Atrial Fibrillation. <i>Circulation</i> , 2018, 138, 2227-2242.	1.6	376
35	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.	0.7	375
36	Differential Distribution of Cardiac Ion Channel Expression as a Basis for Regional Specialization in Electrical Function. <i>Circulation Research</i> , 2002, 90, 939-950.	2.0	366

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37	Effects of Experimental Heart Failure on Atrial Cellular and Ionic Electrophysiology. <i>Circulation</i> , 2000, 101, 2631-2638.	1.6	356
38	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.	0.5	348
39	Role of Inflammation in Atrial Fibrillation Pathophysiology and Management. <i>Circulation Journal</i> , 2015, 79, 495-502.	0.7	345
40	Molecular Mechanisms Underlying Ionic Remodeling in a Dog Model of Atrial Fibrillation. <i>Circulation Research</i> , 1999, 84, 776-784.	2.0	328
41	Functional Mechanisms Underlying Tachycardia-Induced Sustained Atrial Fibrillation in a Chronic Dog Model. <i>Circulation</i> , 1997, 96, 4027-4035.	1.6	326
42	Molecular determinants of cardiac fibroblast electrical function and therapeutic implications for atrial fibrillation. <i>Cardiovascular Research</i> , 2011, 89, 744-753.	1.8	325
43	Importance of Refractoriness Heterogeneity in the Enhanced Vulnerability to Atrial Fibrillation Induction Caused by Tachycardia-Induced Atrial Electrical Remodeling. <i>Circulation</i> , 1998, 98, 2202-2209.	1.6	324
44	The 2020 Canadian Cardiovascular Society/Canadian Heart Rhythm Society Comprehensive Guidelines for the Management of Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1847-1948.	0.8	313
45	Intra-Atrial Pressure Increases Rate and Organization of Waves Emanating From the Superior Pulmonary Veins During Atrial Fibrillation. <i>Circulation</i> , 2003, 108, 668-671.	1.6	311
46	Postoperative atrial fibrillation: mechanisms, manifestations and management. <i>Nature Reviews Cardiology</i> , 2019, 16, 417-436.	6.1	296
47	Role of angiotensin system and effects of its inhibition in atrial fibrillation: clinical and experimental evidence. <i>European Heart Journal</i> , 2006, 27, 512-518.	1.0	290
48	Molecular and Cellular Mechanisms of Atrial Fibrosis in Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 425-435.	1.3	290
49	New antiarrhythmic drugs for treatment of atrial fibrillation. <i>Lancet</i> , 2010, 375, 1212-1223.	6.3	261
50	Antisense Oligodeoxynucleotides Directed Against Kv1.5 mRNA Specifically Inhibit Ultrarapid Delayed Rectifier K ⁺ Current in Cultured Adult Human Atrial Myocytes. <i>Circulation Research</i> , 1997, 80, 572-579.	2.0	257
51	Ionic targets for drug therapy and atrial fibrillation-induced electrical remodeling: insights from a mathematical model. <i>Cardiovascular Research</i> , 1999, 42, 477-489.	1.8	256
52	Atrial Fibrillation Promotion by Endurance Exercise. <i>Journal of the American College of Cardiology</i> , 2013, 62, 68-77.	1.2	252
53	Associations of Obstructive Sleep Apnea With Atrial Fibrillation and Continuous Positive Airway Pressure Treatment. <i>JAMA Cardiology</i> , 2018, 3, 532.	3.0	252
54	Characterization of a transient outward K ⁺ current with inward rectification in canine ventricular myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 274, C577-C585.	2.1	251

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55	Effect of Simvastatin and Antioxidant Vitamins on Atrial Fibrillation Promotion by Atrial-Tachycardia Remodeling in Dogs. <i>Circulation</i> , 2004, 110, 2313-2319.	1.6	249
56	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.	0.8	243
57	Calcium-Handling Abnormalities Underlying Atrial Arrhythmogenesis and Contractile Dysfunction in Dogs With Congestive Heart Failure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2008, 1, 93-102.	2.1	239
58	Cholinergic Atrial Fibrillation in a Computer Model of a Two-Dimensional Sheet of Canine Atrial Cells With Realistic Ionic Properties. <i>Circulation Research</i> , 2002, 90, E73-87.	2.0	237
59	Differences in atrial versus ventricular remodeling in dogs with ventricular tachypacing-induced congestive heart failure. <i>Cardiovascular Research</i> , 2004, 63, 236-244.	1.8	237
60	Changes in microRNA-1 expression and IK1 up-regulation in human atrial fibrillation. <i>Heart Rhythm</i> , 2009, 6, 1802-1809.	0.3	237
61	Atrial Ischemia Promotes Atrial Fibrillation in Dogs. <i>Circulation</i> , 2003, 107, 1930-1936.	1.6	233
62	Ionic Determinants of Functional Reentry in a 2-D Model of Human Atrial Cells During Simulated Chronic Atrial Fibrillation. <i>Biophysical Journal</i> , 2005, 88, 3806-3821.	0.2	232
63	MicroRNA-26 governs profibrillatory inward-rectifier potassium current changes in atrial fibrillation. <i>Journal of Clinical Investigation</i> , 2013, 123, 1939-1951.	3.9	232
64	Differential Behaviors of Atrial Versus Ventricular Fibroblasts. <i>Circulation</i> , 2008, 117, 1630-1641.	1.6	231
65	Evolution of the atrial fibrillation substrate in experimental congestive heart failure: angiotensin-dependent and -independent pathways. <i>Cardiovascular Research</i> , 2003, 60, 315-325.	1.8	230
66	Transient Receptor Potential Canonical-3 Channel-Dependent Fibroblast Regulation in Atrial Fibrillation. <i>Circulation</i> , 2012, 126, 2051-2064.	1.6	228
67	Dynamic Nature of Atrial Fibrillation Substrate During Development and Reversal of Heart Failure in Dogs. <i>Circulation</i> , 2002, 105, 2672-2678.	1.6	226
68	Cellular electrophysiology of canine pulmonary vein cardiomyocytes: action potential and ionic current properties. <i>Journal of Physiology</i> , 2003, 551, 801-813.	1.3	224
69	Evolution, mechanisms, and classification of antiarrhythmic drugs: focus on class III actions. <i>American Journal of Cardiology</i> , 1999, 84, 11-19.	0.7	222
70	MicroRNA29. <i>Circulation</i> , 2013, 127, 1466-1475.	1.6	222
71	Molecular Basis of Atrial Fibrillation Pathophysiology and Therapy. <i>Circulation Research</i> , 2020, 127, 51-72.	2.0	222
72	Transmural action potential and ionic current remodeling in ventricles of failing canine hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H1031-H1041.	1.5	219

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73	Rapid and slow components of delayed rectifier current in human atrial myocytes. <i>Cardiovascular Research</i> , 1994, 28, 1540-1546.	1.8	218
74	Human Atrial Ion Channel and Transporter Subunit Gene-Expression Remodeling Associated With Valvular Heart Disease and Atrial Fibrillation. <i>Circulation</i> , 2005, 112, 471-481.	1.6	215
75	Enalapril effects on atrial remodeling and atrial fibrillation in experimental congestive heart failure. <i>Cardiovascular Research</i> , 2002, 54, 456-461.	1.8	214
76	Mechanisms of Atrial Fibrillation: Lessons From Animal Models. <i>Progress in Cardiovascular Diseases</i> , 2005, 48, 9-28.	1.6	213
77	Tachycardia-Induced Changes in Na ⁺ Current in a Chronic Dog Model of Atrial Fibrillation. <i>Circulation Research</i> , 1997, 81, 1045-1052.	2.0	209
78	Effects of the chromanol 293B, a selective blocker of the slow, component of the delayed rectifier K ⁺ current, on repolarization in human and guinea pig ventricular myocytes. <i>Cardiovascular Research</i> , 1998, 38, 441-450.	1.8	206
79	Left-to-Right Atrial Inward Rectifier Potassium Current Gradients in Patients With Paroxysmal Versus Chronic Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 472-480.	2.1	204
80	Differential Distribution of Inward Rectifier Potassium Channel Transcripts in Human Atrium Versus Ventricle. <i>Circulation</i> , 1998, 98, 2422-2428.	1.6	199
81	Cellular Mechanisms of Atrial Contractile Dysfunction Caused by Sustained Atrial Tachycardia. <i>Circulation</i> , 1998, 98, 719-727.	1.6	197
82	Pulmonary Vein Region Ablation in Experimental Vagal Atrial Fibrillation. <i>Circulation</i> , 2008, 117, 470-477.	1.6	196
83	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.	0.8	195
84	Potential Molecular Basis of Different Physiological Properties of the Transient Outward K ⁺ Current in Rabbit and Human Atrial Myocytes. <i>Circulation Research</i> , 1999, 84, 551-561.	2.0	193
85	Early management of atrial fibrillation to prevent cardiovascular complications. <i>European Heart Journal</i> , 2014, 35, 1448-1456.	1.0	190
86	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.	6.3	188
87	Ionic Mechanisms of Regional Action Potential Heterogeneity in the Canine Right Atrium. <i>Circulation Research</i> , 1998, 83, 541-551.	2.0	186
88	Atrial fibrillation. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16016.	18.1	185
89	Mechanisms by Which Adenosine Restores Conduction in Dormant Canine Pulmonary Veins. <i>Circulation</i> , 2010, 121, 963-972.	1.6	183
90	Atrial Fibrillation and Congestive Heart Failure: Specific Considerations at the Intersection of Two Common and Important Cardiac Disease Sets. <i>Journal of Cardiovascular Electrophysiology</i> , 2002, 13, 399-405.	0.8	182

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91	Involvement of lipid rafts and caveolae in cardiac ion channel function. <i>Cardiovascular Research</i> , 2006, 69, 798-807.	1.8	181
92	The multidimensional role of calcium in atrial fibrillation pathophysiology: mechanistic insights and therapeutic opportunities. <i>European Heart Journal</i> , 2012, 33, 1870-1877.	1.0	181
93	Changes in Connexin Expression and the Atrial Fibrillation Substrate in Congestive Heart Failure. <i>Circulation Research</i> , 2009, 105, 1213-1222.	2.0	178
94	Lone Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1715-1723.	1.2	177
95	Kir3-Based Inward Rectifier Potassium Current. <i>Circulation</i> , 2006, 113, 1730-1737.	1.6	176
96	Innovative approaches to anti-arrhythmic drug therapy. <i>Nature Reviews Drug Discovery</i> , 2006, 5, 1034-1049.	21.5	175
97	Cellular Signaling Underlying Atrial Tachycardia Remodeling of L-type Calcium Current. <i>Circulation Research</i> , 2008, 103, 845-854.	2.0	174
98	Potential Ionic Mechanism for Repolarization Differences Between Canine Right and Left Atrium. <i>Circulation Research</i> , 2001, 88, 1168-1175.	2.0	173
99	A comparison of currents carried by HERG, with and without coexpression of MiRP1, and the native rapid delayed rectifier current. Is MiRP1 the missing link?. <i>Journal of Physiology</i> , 2002, 540, 15-27.	1.3	173
100	Early and comprehensive management of atrial fibrillation: executive summary of the proceedings from the 2nd AFNET-EHRA consensus conference "research perspectives in AF". <i>European Heart Journal</i> , 2009, 30, 2969-2980.	1.0	173
101	Dissociation Between Ionic Remodeling and Ability to Sustain Atrial Fibrillation During Recovery From Experimental Congestive Heart Failure. <i>Circulation</i> , 2004, 109, 412-418.	1.6	172
102	Atrial Fibrillation Promotion With Long-Term Repetitive Obstructive Sleep Apnea in a Rat Model. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2013-2023.	1.2	172
103	HERG K ⁺ channel, a regulator of tumor cell apoptosis and proliferation. <i>Cancer Research</i> , 2002, 62, 4843-8.	0.4	172
104	Novel molecular targets for atrial fibrillation therapy. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 275-291.	21.5	170
105	Controversies in atrial fibrillation. <i>Lancet</i> , The, 2006, 367, 262-272.	6.3	169
106	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.	1.8	166
107	Atrial Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2017, 70, 756-765.	1.2	166
108	Safety of dipyridamole testing in 73,806 patients: The Multicenter Dipyridamole Safety Study*. <i>Journal of Nuclear Cardiology</i> , 1995, 2, 3-17.	1.4	164

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109	Basic Mechanisms of Atrial Fibrillation—Very New Insights into Very Old Ideas. <i>Annual Review of Physiology</i> , 2000, 62, 51-77.	5.6	164
110	Role for MicroRNA-21 in Atrial Profibrillatory Fibrotic Remodeling Associated With Experimental Postinfarction Heart Failure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 1027-1035.	2.1	161
111	Gender-related differences in ion-channel and transporter subunit expression in non-diseased human hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 639-646.	0.9	160
112	Ryanodine Receptor–Mediated Calcium Leak Drives Progressive Development of an Atrial Fibrillation Substrate in a Transgenic Mouse Model. <i>Circulation</i> , 2014, 129, 1276-1285.	1.6	160
113	Induction of Heat Shock Response Protects the Heart Against Atrial Fibrillation. <i>Circulation Research</i> , 2006, 99, 1394-1402.	2.0	158
114	Molecular basis of funny current (I _f) in normal and failing human heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, 289-299.	0.9	158
115	Effects of Antiarrhythmic Drugs on Fibrillation in the Remodeled Atrium. <i>Circulation</i> , 2003, 107, 1440-1446.	1.6	157
116	Role of Small-Conductance Calcium-Activated Potassium Channels in Atrial Electrophysiology and Fibrillation in the Dog. <i>Circulation</i> , 2014, 129, 430-440.	1.6	153
117	Atrial Myocyte NLRP3/CaMKII Nexus Forms a Substrate for Postoperative Atrial Fibrillation. <i>Circulation Research</i> , 2020, 127, 1036-1055.	2.0	152
118	Ionic Remodeling in the Heart. <i>Circulation Research</i> , 2000, 87, 440-447.	2.0	151
119	Sinus node dysfunction and hyperpolarization-activated (HCN) channel subunit remodeling in a canine heart failure model. <i>Cardiovascular Research</i> , 2005, 66, 472-481.	1.8	151
120	Targeted ablation of ILK from the murine heart results in dilated cardiomyopathy and spontaneous heart failure. <i>Genes and Development</i> , 2006, 20, 2355-2360.	2.7	151
121	Mechanisms of Atrial Tachyarrhythmias Associated With Coronary Artery Occlusion in a Chronic Canine Model. <i>Circulation</i> , 2011, 123, 137-146.	1.6	151
122	The T-Type Ca ²⁺ Channel Blocker Mibefradil Prevents the Development of a Substrate for Atrial Fibrillation by Tachycardia-Induced Atrial Remodeling in Dogs. <i>Circulation</i> , 1999, 100, 2191-2197.	1.6	148
123	Effects of simvastatin on the development of the atrial fibrillation substrate in dogs with congestive heart failure†. <i>Cardiovascular Research</i> , 2007, 74, 75-84.	1.8	144
124	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.	0.3	144
125	Characterization of a hyperpolarization-activated time-dependent potassium current in canine cardiomyocytes from pulmonary vein myocardial sleeves and left atrium. <i>Journal of Physiology</i> , 2004, 557, 583-597.	1.3	142
126	Transmural expression of transient outward potassium current subunits in normal and failing canine and human hearts. <i>Journal of Physiology</i> , 2004, 561, 735-748.	1.3	141

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127	Decreased phosphorylation levels of cardiac myosin-binding protein-C in human and experimental heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 43, 223-229.	0.9	141
128	Atrial electrophysiological remodeling caused by rapid atrial activation: underlying mechanisms and clinical relevance to atrial fibrillation. <i>Cardiovascular Research</i> , 1999, 42, 298-308.	1.8	138
129	Mathematical analysis of canine atrial action potentials: rate, regional factors, and electrical remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H1767-H1785.	1.5	138
130	Atrial cardiomyocyte tachycardia alters cardiac fibroblast function: A novel consideration in atrial remodeling. <i>Cardiovascular Research</i> , 2007, 76, 442-452.	1.8	136
131	2017 HRS/EHRA/ECAS/APQRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. <i>Heart Rhythm</i> , 2017, 14, e445-e494.	0.3	135
132	Effects of Probucol on Vascular Remodeling After Coronary Angioplasty. <i>Circulation</i> , 1999, 99, 30-35.	1.6	134
133	Protein Kinase C Activates ATP-Sensitive K ⁺ Current in Human and Rabbit Ventricular Myocytes. <i>Circulation Research</i> , 1996, 78, 492-498.	2.0	134
134	Potassium Channel Subunit Remodeling in Rabbits Exposed to Long-Term Bradycardia or Tachycardia. <i>Circulation</i> , 2006, 113, 345-355.	1.6	133
135	Animal models for atrial fibrillation: clinical insights and scientific opportunities. <i>Europace</i> , 2010, 12, 160-172.	0.7	131
136	Translational Challenges in Atrial Fibrillation. <i>Circulation Research</i> , 2018, 122, 752-773.	2.0	131
137	Omega-3 Polyunsaturated Fatty Acids Prevent Atrial Fibrillation Associated With Heart Failure but Not Atrial Tachycardia Remodeling. <i>Circulation</i> , 2007, 116, 2101-2109.	1.6	130
138	Maintenance of Sinus Rhythm and Survival in Patients With Heart Failure and Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1796-1802.	1.2	129
139	Electrophysiological and molecular mechanisms of paroxysmal atrial fibrillation. <i>Nature Reviews Cardiology</i> , 2016, 13, 575-590.	6.1	128
140	Model-Dependent Effects of the Gap Junction Conduction-Enhancing Antiarrhythmic Peptide Rotigaptide (ZP123) on Experimental Atrial Fibrillation in Dogs. <i>Circulation</i> , 2007, 115, 310-318.	1.6	127
141	Mechanisms of Atrial Fibrillation Termination by Pure Sodium Channel Blockade in an Ionically-Realistic Mathematical Model. <i>Circulation Research</i> , 2005, 96, e35-47.	2.0	126
142	Cardiac Ultrarapid Delayed Rectifiers. <i>Cellular Physiology and Biochemistry</i> , 1999, 9, 217-226.	1.1	125
143	Impairment of HERG K ⁺ Channel Function by Tumor Necrosis Factor- α . <i>Journal of Biological Chemistry</i> , 2004, 279, 13289-13292.	1.6	125
144	Funny Current Downregulation and Sinus Node Dysfunction Associated With Atrial Tachyarrhythmia. <i>Circulation</i> , 2009, 119, 1576-1585.	1.6	123

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145	Ionic mechanisms limiting cardiac repolarization reserve in humans compared to dogs. <i>Journal of Physiology</i> , 2013, 591, 4189-4206.	1.3	122
146	Role of the Wnt-Frizzled system in cardiac pathophysiology: a rapidly developing, poorly understood area with enormous potential. <i>Journal of Physiology</i> , 2013, 591, 1409-1432.	1.3	120
147	Intracellular calcium changes and tachycardia-induced contractile dysfunction in canine atrial myocytes. <i>Cardiovascular Research</i> , 2001, 49, 751-761.	1.8	119
148	Activation of Histone Deacetylase-6 Induces Contractile Dysfunction Through Derailment of β -Tubulin Proteostasis in Experimental and Human Atrial Fibrillation. <i>Circulation</i> , 2014, 129, 346-358.	1.6	118
149	MicroRNA Regulation and Cardiac Calcium Signaling. <i>Circulation Research</i> , 2014, 114, 689-705.	2.0	117
150	MicroRNAs and atrial fibrillation: mechanisms and translational potential. <i>Nature Reviews Cardiology</i> , 2015, 12, 80-90.	6.1	116
151	G protein-coupled receptor signalling in the cardiac nuclear membrane: evidence and possible roles in physiological and pathophysiological function. <i>Journal of Physiology</i> , 2012, 590, 1313-1330.	1.3	115
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