## A Cardiac Sodium Channel Mutation Cosegregates With Familial Atrial Standstill

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**Citation Report** 

#	Article	IF	CITATIONS
1	Sodium channel gene (SCN5A) mutations in 44 index patients with Brugada syndrome: Different incidences in familial and sporadic disease. Human Mutation, 2003, 21, 651-652.	1.1	219
2	High Incidence of Cardiac Malformations in Connexin40-Deficient Mice. Circulation Research, 2003, 93, 201-206.	2.0	122
3	Gene polymorphisms and cardiac arrhythmias. Europace, 2003, 5, 235-242.	0.7	5
4	SCN5A Mutation Associated With Dilated Cardiomyopathy, Conduction Disorder, and Arrhythmia. Circulation, 2004, 110, 2163-2167.	1.6	412
5	Association of Human Connexin40 Gene Polymorphisms With Atrial Vulnerability as a Risk Factor for Idiopathic Atrial Fibrillation. Circulation Research, 2004, 95, e29-33.	2.0	158
6	Genetically modified mice: tools to decode the functions of connexins in the heart—new models for cardiovascular research. Cardiovascular Research, 2004, 62, 299-308.	1.8	53
7	Transcriptional control of myocardial connexins. Cardiovascular Research, 2004, 62, 246-255.	1.8	45
8	Action potential modulation of connexin40 gap junctional conductance. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H1726-H1735.	1.5	14
9	Human Genomics and Its Impact on Arrhythmias. Trends in Cardiovascular Medicine, 2004, 14, 112-116.	2.3	39
10	A cardiac sodium channel mutation identified in Brugada syndrome associated with atrial standstill. Journal of Internal Medicine, 2004, 255, 137-142.	2.7	89
11	The year in electrophysiology. Journal of the American College of Cardiology, 2004, 43, 1306-1314.	1.2	5
12	Association of KCNQ1, KCNE1, KCNH2 and SCN5A polymorphisms with QTc interval length in a healthy population. European Journal of Human Genetics, 2005, 13, 1213-1222.	1.4	140
13	Familial Atrial Standstill in Association with Dilated Cardiomyopathy. PACE - Pacing and Clinical Electrophysiology, 2005, 28, 1005-1008.	0.5	23
14	Partial atrial standstill: a case report. Journal of Electrocardiology, 2005, 38, 252-255.	0.4	9
16	Proarrhythmia as a pharmacogenomic entity: A critical review and formulation of a unifying hypothesis. Cardiovascular Research, 2005, 67, 419-425.	1.8	32
17	Susceptibility genes and modifiers for cardiac arrhythmias. Cardiovascular Research, 2005, 67, 397-413.	1.8	39
18	KCNH2 -K897T Is a Genetic Modifier of Latent Congenital Long-QT Syndrome. Circulation, 2005, 112, 1251-1258.	1.6	228
19	Mechanisms of inherited cardiac conduction disease. Europace, 2005, 7, 122-137.	0.7	56

	СІТАТ	tion Report	
#	Article	IF	Citations
20	Genetics of cardiac arrhythmias. Heart, 2005, 91, 1352-1358.	1.2	122
21	Molecular Genetics of the Brugada Syndrome. , 0, , 42-51.		3
22	Letter Regarding Article by McNair et al, "SCN5A Mutation Associated With Dilated Cardiomyopathy, Conduction Disorder, and Arrhythmia― Circulation, 2005, 112, e9; author reply e9-10.	1.6	8
23	Sodium Channel Mutations and Susceptibility to Heart Failure and Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2005, 293, 447.	3.8	478
24	Altered Right Atrial Excitation and Propagation in Connexin40 Knockout Mice. Circulation, 2005, 112, 2245-2253.	1.6	89
25	Congenital atrial standstill associated with coinheritance of a novel SCN5A mutation and connexin 40 polymorphisms. Heart Rhythm, 2005, 2, 1128-1134.	0.3	84
26	Novel Brugada SCN5A mutation causing sudden death in children. Heart Rhythm, 2005, 2, 540-543.	0.3	12
27	A mutation in the human cardiac sodium channel (E161K) contributes to sick sinus syndrome, conduction disease and Brugada syndrome in two families. Journal of Molecular and Cellular Cardiology, 2005, 38, 969-981.	0.9	184
29	Voltageâ€gated sodium channels: Action players with many faces. Annals of Medicine, 2006, 38, 472-48	2. 1.5	33
30	Pharmacogenetics of antiarrhythmic therapy. Expert Opinion on Pharmacotherapy, 2006, 7, 1583-1590.	0.9	24
31	Polymorphisms in human connexin40 gene promoter are associated with increased risk of hypertension in men. Journal of Hypertension, 2006, 24, 325-330.	0.3	64
32	ls Cx40 a marker for hypertension?. Journal of Hypertension, 2006, 24, 279-280.	0.3	7
33	High-efficiency multiplex capillary electrophoresis single strand conformation polymorphism (multi-CE-SSCP) mutation screening of SCN5A: a rapid genetic approach to cardiac arrhythmia. Clinical Genetics, 2006, 69, 504-511.	1.0	32
34	Sodium Channel Variants in Heart Disease: Expanding Horizons. Journal of Cardiovascular Electrophysiology, 2006, 17, S151-S157.	0.8	33
35	SCN5A Mutation Associated with Cardiac Conduction Defect and Atrial Arrhythmias. Journal of Cardiovascular Electrophysiology, 2006, 17, 480-485.	0.8	81
36	Inherited Conduction System Abnormalities-One Group of Diseases, Many Genes. Journal of Cardiovascular Electrophysiology, 2006, 17, 446-455.	0.8	97
37	Critical Reviews in Basic Electrophysiology: Realizing the Synergy Between the Basic and Clinical Sciences. Journal of Cardiovascular Electrophysiology, 2006, 17, 219-219.	0.8	0
38	Pharmacogenetics and cardiac ion channels. Vascular Pharmacology, 2006, 44, 90-106.	1.0	26

#	Article	IF	CITATIONS
39	The human Cx40 promoter polymorphism â^'44G→A differentially affects transcriptional regulation by Sp1 and GATA4. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2006, 1759, 491-496.	2.4	26
40	Connexin-Mediated Cardiac Impulse Propagation: Connexin 30.2 Slows Atrioventricular Conduction in Mouse Heart. Trends in Cardiovascular Medicine, 2006, 16, 266-272.	2.3	67
41	Recombinase-mediated cassette exchange to rapidly and efficiently generate mice with human cardiac sodium channels. Genesis, 2006, 44, 556-564.	0.8	19
42	Cx40 Polymorphism in Human Atrial Fibrillation. , 2006, 42, 284-291.		21
43	Dysregulation of Cell Adhesion Proteins and Cardiac Arrhythmogenesis. Clinical Medicine and Research, 2006, 4, 42-52.	0.4	50
45	SCN5A and sinoatrial node pacemaker function. Cardiovascular Research, 2007, 74, 356-365.	1.8	79
46	Dilated cardiomyopathy is associated with reduced expression of the cardiac sodium channel Scn5a. Cardiovascular Research, 2007, 75, 498-509.	1.8	63
47	New Insights Into Pacemaker Activity. Circulation, 2007, 115, 1921-1932.	1.6	396
48	Genetic Polymorphisms and Arrhythmia Susceptibility. Circulation Journal, 2007, 71, A54-A60.	0.7	4
49	The association of human connexin 40 genetic polymorphisms with atrial fibrillation. International Journal of Cardiology, 2007, 116, 107-112.	0.8	97
50	Lithium-induced sinus node disease at therapeutic concentrations: Linking lithium-induced blockade of sodium channels to impaired pacemaker activity. Canadian Journal of Cardiology, 2007, 23, 229-232.	0.8	41
51	Inherited Arrhythmias. Circulation, 2007, 116, 2325-2345.	1.6	235
53	Knockin Animal Models of Inherited Arrhythmogenic Diseases: What Have We Learned From Them?. Journal of Cardiovascular Electrophysiology, 2007, 18, 1117-1125.	0.8	18
54	Prolonged Transient Atrial Electrical Silence Following Termination of Chronic Atrial Tachyarrhythmias. PACE - Pacing and Clinical Electrophysiology, 2007, 30, 1311-1315.	0.5	2
55	Genetics of dilated cardiomyopathy conduction disease. Progress in Pediatric Cardiology, 2007, 24, 3-13.	0.2	9
56	Heritability and genetics of atrial fibrillation. Current Cardiovascular Risk Reports, 2007, 1, 414-419.	0.8	0
57	Genetic Screening of the Canine Connexin 40 Gene in Dogs with Inherited Cardiac Conduction Defects. Biochemical Genetics, 2008, 46, 8-17.	0.8	1
58	Correlations between clinical and physiological consequences of the novel mutation R878C in a highly conserved pore residue in the cardiac Na <sup>+</sup> channel. Acta Physiologica, 2008, 194,	1.8	27

#	Article	IF	CITATIONS
59	The Primary Arrhythmia Syndromes: Same Mutation, Different Manifestations. Are We Starting to Understand Why?. Journal of Cardiovascular Electrophysiology, 2008, 19, 445-452.	0.8	33
60	New Insights into Genetic Causes of Sinus Node Disease and Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2008, 19, 516-518.	0.8	10
61	Genetic Na+ channelopathies and sinus node dysfunction. Progress in Biophysics and Molecular Biology, 2008, 98, 171-178.	1.4	68
62	SCN5A channelopathies – An update on mutations and mechanisms. Progress in Biophysics and Molecular Biology, 2008, 98, 120-136.	1.4	130
63	Mouse models of SCN5A-related cardiac arrhythmias. Progress in Biophysics and Molecular Biology, 2008, 98, 230-237.	1.4	38
64	Sinus node dysfunction in ATX-II-induced in-vitro murine model of long QT3 syndrome and rescue effect of ranolazine. Progress in Biophysics and Molecular Biology, 2008, 98, 198-207.	1.4	17
65	Susceptibility genes & modifiers for cardiac arrhythmias. Progress in Biophysics and Molecular Biology, 2008, 98, 289-300.	1.4	14
66	Cardiac Sodium Channel Overlap Syndromes: Different Faces of SCN5A Mutations. Trends in Cardiovascular Medicine, 2008, 18, 78-87.	2.3	182
68	Cardiac sodium channel mutation in atrial fibrillation. Heart Rhythm, 2008, 5, 99-105.	0.3	163
69	Progressive Cardiac Conduction Disease. , 2008, , 564-576.		6
71	The cardiac sodium channel mutation delQKP 1507-1509 is associated with the expanding phenotypic spectrum of LQT3, conduction disorder, dilated cardiomyopathy, and high incidence of youth sudden death. Europace, 2008, 10, 1329-1335.	0.7	43
72	The complexity of genotype-phenotype relations associated with loss-of-function sodium channel mutations and the role of in silico studies. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H8-H9.	1.5	6
73	Dilated Cardiomyopathy due to Sodium Channel Dysfunction. Circulation: Arrhythmia and Electrophysiology, 2008, 1, 80-82.	2.1	38
74	Divergent Biophysical Defects Caused by Mutant Sodium Channels in Dilated Cardiomyopathy With Arrhythmia. Circulation Research, 2008, 102, 364-371.	2.0	84
75	Strategy for a Genetic Assessment of Antipsychotic and Antidepressant- Related Proarrhythmia. Current Medicinal Chemistry, 2008, 15, 2472-2517.	1.2	6
76	Emerging Roles for Connexins in Hypertension. Current Hypertension Reviews, 2008, 4, 177-182.	0.5	0
77	Implantable Cardioverter-Defibrillator Implantation in a Patient with Atrial Standstill. Yonsei Medical Journal, 2009, 50, 156.	0.9	6
78	The role of connexin40 in atrial fibrillation. Cardiovascular Research, 2009, 84, 15-23.	1.8	102

#	Article	IF	CITATIONS
79	Pannexins, distant relatives of the connexin family with specific cellular functions?. BioEssays, 2009, 31, 953-974.	1.2	151
80	TATA box polymorphisms in human gene promoters and associated hereditary pathologies. Biochemistry (Moscow), 2009, 74, 117-129.	0.7	54
81	Prediction of the affinity of the TATA-binding protein to TATA boxes with single nucleotide polymorphisms. Molecular Biology, 2009, 43, 472-479.	0.4	25
82	A Cardioâ€Neurological Form of Laminopathy: Dilated Cardiomyopathy with Permanent Partial Atrial Standstill and Axonal Neuropathy. PACE - Pacing and Clinical Electrophysiology, 2009, 32, 410-415.	0.5	13
83	Connexins in Vascular Physiology and Pathology. Antioxidants and Redox Signaling, 2009, 11, 267-282.	2.5	160
84	Connexin-Caused Genetic Diseases and Corresponding Mouse Models. Antioxidants and Redox Signaling, 2009, 11, 283-296.	2.5	111
85	Absence of Connexin 40 gene polymorphism, as a marker of undetected atrial fibrillation in patients with unexplained cerebral ischemic events. European Journal of Cardiovascular Prevention and Rehabilitation, 2009, 16, 616-620.	3.1	5
86	Type of SCN5A mutation determines clinical severity and degree of conduction slowing in loss-of-function sodium channelopathies. Heart Rhythm, 2009, 6, 341-348.	0.3	224
87	Role of electroanatomic mapping in assessing the extent of atrial standstill: diagnostic and therapeutic implications. Journal of Cardiovascular Medicine, 2009, 10, 787-791.	0.6	3
88	Phenotypic Overlap of Cardiac Sodium Channelopathies Individual-Specific or Mutation-Specific?. Circulation Journal, 2009, 73, 810-817.	0.7	47
89	Role of Pharmacotherapy in Cardiac Ion Channelopathies. Current Vascular Pharmacology, 2009, 7, 358-366.	0.8	2
90	Connexin40 nonsense mutation in familial atrial fibrillation. International Journal of Molecular Medicine, 2010, 26, 605-10.	1.8	52
91	Gap junctions in inherited human disease. Pflugers Archiv European Journal of Physiology, 2010, 460, 451-466.	1.3	57
92	<i>SCN5A</i> Rare Variants in Familial Dilated Cardiomyopathy Decrease Peak Sodium Current Depending on the Common Polymorphism H558R and Common Splice Variant Q1077del. Clinical and Translational Science, 2010, 3, 287-294.	1.5	45
93	A homozygous SCN5A mutation in a severe, recessive type of cardiac conduction disease. Human Mutation, 2010, 31, E1609-E1621.	1.1	32
94	The Anatomy and Physiology of the Sinoatrial Node-A Contemporary Review. PACE - Pacing and Clinical Electrophysiology, 2010, 33, 1392-1406.	0.5	166
95	Mutationâ€ <b>s</b> pecific Effects of Polymorphism H558R in <i>SCN5A</i> â€Related Sick Sinus Syndrome. Journal of Cardiovascular Electrophysiology, 2010, 21, 564-573.	0.8	34
96	Clinical Approach to Sudden Cardiac Death Syndromes. , 2010, , .		5

#	Article	IF	CITATIONS
97	Teaching Rounds in Cardiac Electrophysiology. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 563-563.	2.1	1
99	Novel connexin40 missense mutations in patients with familial atrial fibrillation. Europace, 2010, 12, 1421-1427.	0.7	64
100	Brugada syndrome: Lots of questions, some answers. Heart Rhythm, 2010, 7, 47-49.	0.3	8
101	The Genetics of Conduction Disease. Heart Failure Clinics, 2010, 6, 201-214.	1.0	3
102	Genetics of Sick SinusÂSyndrome. Cardiac Electrophysiology Clinics, 2010, 2, 499-507.	0.7	15
103	Connexin40 and connexin43 determine gating properties of atrial gap junction channels. Journal of Molecular and Cellular Cardiology, 2010, 48, 238-245.	0.9	44
104	Cardiac sodium channel Nav1.5 and interacting proteins: Physiology and pathophysiology. Journal of Molecular and Cellular Cardiology, 2010, 48, 2-11.	0.9	239
105	REVIEW: Sodium Channel (Dys)Function and Cardiac Arrhythmias. Cardiovascular Therapeutics, 2010, 28, 287-294.	1.1	128
106	Progressive Conduction Diseases. Cardiac Electrophysiology Clinics, 2010, 2, 509-519.	0.7	8
107	Connexins: Key Mediators of Endocrine Function. Physiological Reviews, 2011, 91, 1393-1445.	13.1	145
108	SCN5A Mutations Associate With Arrhythmic Dilated Cardiomyopathy and Commonly Localize to the Voltage-Sensing Mechanism. Journal of the American College of Cardiology, 2011, 57, 2160-2168.	1.2	197
109	The Cardiac Conduction System. Circulation, 2011, 123, 904-915.	1.6	99
110	Inherited Cardiac Arrhythmia Syndromes: Role of the Sodium Channel. Cardiac Electrophysiology Clinics, 2011, 3, 93-112.	0.7	0
111	Heart Rate and Rhythm. , 2011, , .		8
113	Molecular Mechanisms of Voltage-Gated Na+ Channel Dysfunction in LQT3 Syndrome. , 2011, , 409-429.		0
114	LQTS mutation N1325S in cardiac sodium channel gene SCN5A causes cardiomyocyte apoptosis, cardiac fibrosis and contractile dysfunction in mice. International Journal of Cardiology, 2011, 147, 239-245.	0.8	29
115	PREDICTIVE ROLE OF CONNEXIN 40 IN THE PATHOGENESIS OF HEREDITARY SICK SINUS SYNDROME. Rational Pharmacotherapy in Cardiology, 2011, 7, 174-176.	0.3	0
116	Congenital Sick Sinus Syndrome With Atrial Inexcitability and Coronary Sinus Flutter. Circulation: Arrhythmia and Electrophysiology, 2011, 4, e52-8.	2.1	7

#	Article	IF	CITATIONS
117	Phenotypical Manifestations of Mutations in the Genes Encoding Subunits of the Cardiac Sodium Channel. Circulation Research, 2011, 108, 884-897.	2.0	185
118	Striking In Vivo Phenotype of a Disease-Associated Human <i>SCN5A</i> Mutation Producing Minimal Changes in Vitro. Circulation, 2011, 124, 1001-1011.	1.6	137
119	A Common Connexin-40 Gene Promoter Variant Affects Connexin-40 Expression in Human Atria and Is Associated With Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 87-93.	2.1	76
120	Defining the Disconnect Between In Vitro Models and Human Arrhythmogenic Disease. Circulation, 2011, 124, 993-995.	1.6	4
121	Monogenic atrial fibrillation as pathophysiological paradigms. Cardiovascular Research, 2011, 89, 692-700.	1.8	85
122	Mouse Models of SCN5A-Related Cardiac Arrhythmias. Frontiers in Physiology, 2012, 3, 210.	1.3	36
123	Altered sinoatrial node function and intra-atrial conduction in murine gain-of-function <i>Scn5a</i> +/ΔKPQ hearts suggest an overlap syndrome. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1510-H1523.	1.5	26
124	Rare Copy Number Variations in Adults with Tetralogy of Fallot Implicate Novel Risk Gene Pathways. PLoS Genetics, 2012, 8, e1002843.	1.5	149
125	Controlling Parasympathetic Regulation of Heart Rate: A Gatekeeper Role for RGS Proteins in the Sinoatrial Node. Frontiers in Physiology, 2012, 3, 204.	1.3	18
126	An Introduction to Murine Models of Atrial Fibrillation. Frontiers in Physiology, 2012, 3, 296.	1.3	69
127	A Connexin40 Mutation Associated With a Malignant Variant of Progressive Familial Heart Block Type I. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 163-172.	2.1	58
128	Co-clustering phenome–genome for phenotype classification and disease gene discovery. Nucleic Acids Research, 2012, 40, e146-e146.	6.5	58
129	Reduced connexin40 protein expression in the right atrial appendage of patients bearing the minor connexin40 allele (â^'44 G → A). Europace, 2012, 14, 1199-1205.	0.7	5
130	Lack of association between connexin40 polymorphisms and coronary artery disease. Atherosclerosis, 2012, 222, 148-153.	0.4	14
132	SCN5A Mutations in Brugada Syndrome Are Associated with Increased Cardiac Dimensions and Reduced Contractility. PLoS ONE, 2012, 7, e42037.	1.1	66
133	GENETIC PREDICTORS OF IDIOPATHIC SICK SINUS SYNDROME. Rational Pharmacotherapy in Cardiology, 2012, 8, 804-809.	0.3	1
134	Genetics can contribute to the prognosis of Brugada syndrome: a pilot model for risk stratification. European Journal of Human Genetics, 2013, 21, 911-917.	1.4	58
135	Atrial standstill in a patient with progressive severe heart failure. Clinical Research in Cardiology, 2013, 102, 473-476.	1.5	2

		CITATION RE	PORT	
#	Article		IF	CITATIONS
136	Cardiac sodium channelopathy associated with <i>SCN5A</i> mutations: electrophysic molecular and genetic aspects. Journal of Physiology, 2013, 591, 4099-4116.	ological,	1.3	144
137	A transgenic zebrafish model of a human cardiac sodium channel mutation exhibits bra conduction-system abnormalities and early death. Journal of Molecular and Cellular Car 2013, 61, 123-132.	dycardia, diology,	0.9	52
138	Cardiac channelopathies: Genetic and molecular mechanisms. Gene, 2013, 517, 1-11.		1.0	97
139	Novel GermlineGJA5/Connexin40 Mutations Associated with Lone Atrial Fibrillation Imp Junctional Intercellular Communication. Human Mutation, 2013, 34, n/a-n/a.	air Gap	1.1	51
140	Genetics of Atrial Fibrillation and Standstill. , 2013, , 605-627.			0
141	Rare Variants in GJA5 Are Associated With Early-Onset Lone Atrial Fibrillation. Canadiar Cardiology, 2013, 29, 111-116.	Journal of	0.8	46
142	Identifying potential functional impact of mutations and polymorphisms: linking heart increased risk of arrhythmias and sudden cardiac death. Frontiers in Physiology, 2013,	failure, 4, 254.	1.3	12
143	Determinants of myocardial conduction velocity: implications for arrhythmogenesis. Fr Physiology, 2013, 4, 154.	ontiers in	1.3	155
144	Autosomal Recessive Atrial Dilated Cardiomyopathy With Standstill Evolution Associat Mutation of <i>Natriuretic Peptide Precursor A</i> . Circulation: Cardiovascular Genetic 27-36.	ed With :s, 2013, 6,	5.1	51
145	Prevalence and spectrum of GJA5 mutations associated with lone atrial fibrillation. Mol Medicine Reports, 2013, 7, 767-774.	ecular	1.1	31
146	Molecular Organization, Gating, and Function of Gap Junction Channels. , 2014, , 85-9-	4.		1
147	Biophysics, pathophysiology, and pharmacology of ion channel gating pores. Frontiers Pharmacology, 2014, 5, 53.	in	1.6	74
148	Na <sub>v</sub> 1.5 mutations linked to dilated cardiomyopathy phenotypes. Channel	s, 2014, 8, 90-94.	1.5	33
149	Channelopathies and Heart Disease. , 2014, , 95-129.			1
150	Dilated Cardiomyopathy and Nav1.5. Cardiac Electrophysiology Clinics, 2014, 6, 733-7	40.	0.7	0
151	Gainâ€ofâ€function mutation in <scp>TASK</scp> â€4 channels and severe cardiac co EMBO Molecular Medicine, 2014, 6, 937-951.	nduction disorder.	3.3	60
152	Cellular and Molecular Pathobiology of the Cardiac Conduction System. , 2014, , 121-1	34.		0
153	Atrial fibrillationâ€linked <i>GJA5</i> /connexin40 mutants impaired gap junctions via o mechanisms. FEBS Letters, 2014, 588, 1238-1243.	lifferent	1.3	44

#	Article	IF	CITATIONS
154	The SCN5A Mutation A1180V is Associated With Electrocardiographic Features of LQT3. Pediatric Cardiology, 2014, 35, 295-300.	0.6	4
155	Cardiac Sodium Channel Overlap Syndrome. Cardiac Electrophysiology Clinics, 2014, 6, 761-776.	0.7	3
156	Role of Rare and Common Genetic Variation in SCN5A in Cardiac Electrical Function and Arrhythmia. Cardiac Electrophysiology Clinics, 2014, 6, 665-677.	0.7	1
157	Compound Heterozygous Mutations in the SCN5A-Encoded Nav1.5 CardiacÂSodium Channel Resulting in Atrial Standstill and His-Purkinje System Disease. Journal of Pediatrics, 2014, 165, 1050-1052.	0.9	18
158	Cardiac sodium channel mutations: why so many phenotypes?. Nature Reviews Cardiology, 2014, 11, 607-615.	6.1	65
159	Sodium Channelopathy Underlying Familial Sick Sinus Syndrome With Early Onset and Predominantly Male Characteristics. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 511-517.	2.1	48
160	Cardiac sodium channels and inherited electrophysiological disorders: an update on the pharmacotherapy. Expert Opinion on Pharmacotherapy, 2014, 15, 1875-1887.	0.9	8
161	Sequencing of <i>SCN5A</i> Identifies Rare and Common Variants Associated With Cardiac Conduction: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. Circulation: Cardiovascular Genetics, 2014, 7, 365-373.	5.1	12
162	Mutations in cardiovascular connexin genes. Biology of the Cell, 2014, 106, 269-293.	0.7	29
163	Asymmetric functional contributions of acidic and aromatic side chains in sodium channel voltage-sensor domains. Journal of General Physiology, 2014, 143, 645-656.	0.9	38
164	A study of the association between the connexin 40 rs35594137 polymorphism and atrial fibrillation in Xinjiang Chinese Han and Uygur populations. Genetics and Molecular Research, 2015, 14, 15705-15712.	0.3	3
165	Stroke in a Young Individual with Left Ventricular Noncompaction and Left Atrium Standstill. Korean Circulation Journal, 2015, 45, 432.	0.7	4
166	Whole-exome sequencing identifies Y1495X of SCN5A to be associated with familial conduction disease and sudden death. Scientific Reports, 2015, 4, 5616.	1.6	26
167	Two polymorphisms in the Cx40 promoter are associated with hypertension and left ventricular hypertrophy preferentially in men. Clinical and Experimental Hypertension, 2015, 37, 580-586.	0.5	9
168	Connexins in the heart. Cell and Tissue Research, 2015, 360, 675-684.	1.5	32
169	Loss-of-Function <i>SCN5A</i> Mutations Associated With Sinus Node Dysfunction, Atrial Arrhythmias, and Poor Pacemaker Capture. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1105-1112.	2.1	18
170	Gating pore current is a novel biophysical defect of Nav1.5 mutations associated with unusual cardiac arrhythmias and dilation. Future Cardiology, 2015, 11, 287-291.	0.5	0
171	Genetic Variation of <i>SCN5A</i> in Korean Patients with Sick Sinus Syndrome. Korean Circulation Journal, 2016, 46, 63.	0.7	4

#	Article	IF	Citations
172	Exome Sequencing Identifies Compound Heterozygous Mutations inSCN5AAssociated with Congenital Complete Heart Block in the Thai Population. Disease Markers, 2016, 2016, 1-10.	0.6	10
173	Association between -44G/A and +71A/G polymorphisms in the connexin 40 gene and atrial fibrillation in Uyghur and Han populations in Xinjiang, China. Genetics and Molecular Research, 2016, 15, .	0.3	4
174	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: definition, characterization, and clinical implication. Europace, 2016, 18, 1455-1490.	0.7	471
175	EHRA/HRS/APHRS/SOLAECE expert consensus on Atrial cardiomyopathies: Definition, characterisation, and clinical implication. Journal of Arrhythmia, 2016, 32, 247-278.	0.5	92
176	Cardiac Sodium Channel Mutations. Current Topics in Membranes, 2016, 78, 513-559.	0.5	15
177	Variants in the <i>SCN5A</i> Promoter Associated With Various Arrhythmia Phenotypes. Journal of the American Heart Association, 2016, 5, .	1.6	22
178	The role of mutations in the SCN5A gene in cardiomyopathies. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1799-1805.	1.9	75
179	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: Definition, characterization, and clinical implication. Heart Rhythm, 2017, 14, e3-e40.	0.3	442
180	Electrocardiogram changes and atrial arrhythmias in individuals carrying sodium channel <i>SCN5A D1275N</i> mutation. Annals of Medicine, 2017, 49, 496-503.	1.5	4
181	Connexins in Cardiovascular and Neurovascular Health and Disease: Pharmacological Implications. Pharmacological Reviews, 2017, 69, 396-478.	7.1	191
182	Persistent atrial standstill following the Cox-maze III procedure: reversal with sustained atrial pacing. , 2017, 22, e12399.		5
183	Dysfunction of Myosin Lightâ€Chain 4 (MYL4) Leads to Heritable Atrial Cardiomyopathy With Electrical, Contractile, and Structural Components: Evidence From Geneticallyâ€Engineered Rats. Journal of the American Heart Association, 2017, 6, .	1.6	52
184	Transient Notch Activation Induces Long-Term Gene Expression Changes Leading to Sick Sinus Syndrome in Mice. Circulation Research, 2017, 121, 549-563.	2.0	23
185	Association of connexin gene polymorphism with essential hypertension in Kazak and Han Chinese in Xinjiang, China. Journal of Huazhong University of Science and Technology [Medical Sciences], 2017, 37, 197-203.	1.0	6
186	Development of a Patient-Derived Induced Pluripotent Stem Cell Model for the Investigation of <i>SCN5A</i> -D1275N-Related Cardiac Sodium Channelopathy. Circulation Journal, 2017, 81, 1783-1791.	0.7	25
187	Diseases of the Intercalated Disc. , 2017, , 213-231.		0
188	Inherited Conduction Disease and Atrial Fibrillation. , 2018, , 481-522.		0
189	Clinical Spectrum of SCN5A Mutations. JACC: Clinical Electrophysiology, 2018, 4, 569-579.	1.3	198

#	Article	IF	CITATIONS
190	Human diseases associated with connexin mutations. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 192-201.	1.4	115
191	Genetics of Atrial Fibrillation. , 2018, , 465-472.		0
192	Mechanisms in Heritable Sodium Channel Diseases. , 2018, , 473-482.		0
193	Molecular Organization, Gating, and Function of Connexin-Based Gap Junction Channels and Hemichannels. , 2018, , 80-89.		0
194	A New Cardiac Channelopathy: From Clinical Phenotypes to Molecular Mechanisms Associated With Nav1.5 Gating Pores. Frontiers in Cardiovascular Medicine, 2018, 5, 139.	1.1	19
195	SCN5A Variants: Association With Cardiac Disorders. Frontiers in Physiology, 2018, 9, 1372.	1.3	87
196	Disease Modifiers of Inherited SCN5A Channelopathy. Frontiers in Cardiovascular Medicine, 2018, 5, 137.	1.1	28
197	Copy Number Variants of Undetermined Significance Are Not Associated with Worse Clinical Outcomes in Hypoplastic Left Heart Syndrome. Journal of Pediatrics, 2018, 202, 206-211.e2.	0.9	3
198	A homozygous SCN5A mutation associated with atrial standstill and sudden death. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1036-1042.	0.5	12
199	Long-term follow-up of permanent atrial standstill in a German family with mutation in the SCN5A gene. HeartRhythm Case Reports, 2018, 4, 356-358.	0.2	1
200	Cardiac Sodium Channel Dysfunction and Dilated Cardiomyopathy: A Contemporary Reappraisal of Pathophysiological Concepts. Journal of Clinical Medicine, 2019, 8, 1029.	1.0	14
201	2019 HRS expert consensus statement on evaluation, risk stratification, and management of arrhythmogenic cardiomyopathy. Heart Rhythm, 2019, 16, e301-e372.	0.3	494
202	Atrial standstill presenting as cerebral infarction in a 7-year-old girl. SAGE Open Medical Case Reports, 2019, 7, 2050313X1982773.	0.2	5
203	Expanding the Clinical Phenotype of Emerinopathies. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e009338.	2.1	2
205	Roles for Countercharge in the Voltage Sensor Domain of Ion Channels. Frontiers in Pharmacology, 2020, 11, 160.	1.6	18
206	Genetic basis and molecular biology of cardiac arrhythmias in cardiomyopathies. Cardiovascular Research, 2020, 116, 1600-1619.	1.8	28
207	Genetics and genomics of arrhythmic risk: current and future strategies to prevent sudden cardiac death. Nature Reviews Cardiology, 2021, 18, 774-784.	6.1	15
208	Identification of aryl sulfonamides as novel and potent inhibitors of NaV1.5. Bioorganic and Medicinal Chemistry Letters, 2021, 45, 128133.	1.0	1

#	Article	IF	CITATIONS
209	3D models of dilated cardiomyopathy: Shaping the chemical, physical and topographical properties of biomaterials to mimic the cardiac extracellular matrix. Bioactive Materials, 2022, 7, 275-291.	8.6	11
210	Molecular Basis of Isolated Cardiac Conduction Disease. , 2006, , 331-347.		6
211	Genetics of Atrial Fibrillation. , 2014, , 483-490.		1
212	Congenital sick sinus syndrome caused by recessive mutations in the cardiac sodium channel gene (SCN5A). Journal of Clinical Investigation, 2003, 112, 1019-1028.	3.9	232
213	Congenital sick sinus syndrome caused by recessive mutations in the cardiac sodium channel gene (SCN5A). Journal of Clinical Investigation, 2003, 112, 1019-1028.	3.9	454
214	Inherited disorders of voltage-gated sodium channels. Journal of Clinical Investigation, 2005, 115, 1990-1999.	3.9	325
215	Multiple Loss-of-Function Mechanisms Contribute to SCN5A-Related Familial Sick Sinus Syndrome. PLoS ONE, 2010, 5, e10985.	1.1	70
216	A Proton Leak Current through the Cardiac Sodium Channel Is Linked to Mixed Arrhythmia and the Dilated Cardiomyopathy Phenotype. PLoS ONE, 2012, 7, e38331.	1.1	84
217	Genetics of Sinus Node Disease. , 2004, , 667-677.		0
218	Channelopathy-1. Japanese Journal of Electrocardiology, 2005, 25, 13-25.	0.0	2
219	Pharmacogenetics and Cardiac Ion Channels. Drugs and the Pharmaceutical Sciences, 2005, , 207-220.	0.1	0
220	å¿fç‹Naāfēf£āfēf«ç—ā®åﷺ§~ãªè‡"床åfēĭå^†åç—æ‹(6. ã,₿,ªãf³āfēf£āfēf«ā®åŸºçŽããëè‡"床-æ–°ã⊷ã"å±·	•é-€ <b>,</b> 1<ç‰	¹éœt≻第69
221	Molecular and genetic basis of sudden cardiac death. Japanese Journal of Electrocardiology, 2006, 26, 118-124.	0.0	0
222	Genetic Basis for Cardiac Arrhythmias. , 2007, , 2577-2598.		Ο
223	Familial Atrial Fibrillation and Standstill. , 2008, , 577-587.		0
224	Cellular Electrophysiology and the Substrate for Atrial Fibrillation. , 2008, , 37-56.		1
225	Polygenic Studies in the Risk of Arrhythmias. , 2010, , 289-296.		0
226	Phenotypic Overlap of Lethal Arrhythmias Associated with Cardiac Sodium Mutations: Individual-Specific or Mutation-Specific?. , 2011, , 185-196.		0

#	Article	IF	CITATIONS
227	Rol' polimorfizma gena konneksina 40v geneze nasledstvennogo sindroma slabostisinusovogo uzla. Cardiosomatics, 2011, 2, 41-43.	0.2	0
228	Sodium Ion Channelopathies. , 2013, , 193-207.		0
229	Progressive Cardiac Conduction Disease. , 2013, , 583-603.		0
230	The Role of Clinical Observation: Red Flag 2 â $\in$ " Cardiomyopathies and Arrhythmias. , 2013, , 43-49.		0
231	Mechanisms in Heritable Sodium Channel Diseases. , 2014, , 491-500.		0
232	Inherited Arrhythmias: Brugada Syndrome and Early Repolarisation Syndrome. , 2018, , 437-480.		0
234	Rare Variants in the SCN5A Promoter and Conserved Noncoding Sequence Associated with Various Arrhythmias. Japanese Journal of Electrocardiology, 2019, 39, 261-272.	0.0	0
239	Genetics and Sinus Node Dysfunction. Journal of Atrial Fibrillation, 2009, 1, 151.	0.5	1
240	Atrial standstill: a rare case. Journal of Tehran University Heart Center, 2011, 6, 152-4.	0.2	2
241	Association of atrial fibrillation with gene polymorphisms of connexin 40 and angiotensin II receptor type 1 in Chongming adults of Shanghai. International Journal of Clinical and Experimental Medicine, 2015, 8, 11803-10.	1.3	2
243	Array comparative genomic hybridisation results of non-syndromic children with the conotruncal heart anomaly. Cardiology in the Young, 2022, 32, 301-306.	0.4	1
244	Connexinplexity: the spatial and temporal expression of <i>connexin</i> genes during vertebrate organogenesis. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	4
245	Research progress of Nedd4L in cardiovascular diseases. Cell Death Discovery, 2022, 8, 206.	2.0	14
246	Principles of Pharmacogenomics: Focus on Arrhythmias. , 0, , 29-35.		0
248	Animal Models to Study Cardiac Arrhythmias. Circulation Research, 2022, 130, 1926-1964.	2.0	14
249	Gene therapy targeting protein trafficking regulator MOG1 in mouse models of Brugada syndrome, arrhythmias, and mild cardiomyopathy. Science Translational Medicine, 2022, 14, .	5.8	14
250	Time to Move Forward on Pediatric AtrialÂStandstill. JACC: Clinical Electrophysiology, 2023, 9, 70-72.	1.3	0
258	Case Report: SCN5A mutations in three young patients with sick sinus syndrome. Frontiers in Cardiovascular Medicine, 0, 10, .	1.1	0

# ARTICLE

IF CITATIONS