

# CITATION REPORT

List of articles citing

## SCN5A mutations and the role of genetic background in the pathophysiology of Brugada syndrome

DOI: 10.1161/circgenetics.109.853374

Circulation: Cardiovascular Genetics, 2009, 2, 552-7.

Source: <https://exaly.com/paper-pdf/45532498/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
246	Nature's genetic gradients and the clinical phenotype. <i>Circulation: Cardiovascular Genetics</i> , <b>2009</b> , 2, 537-9		26
245	SCN5A mutations and the role of genetic background in the pathophysiology of Brugada syndrome. <i>Circulation: Cardiovascular Genetics</i> , <b>2009</b> , 2, 552-7		211
244	Prospective evaluation of the familial prevalence of the brugada syndrome. <b>2010</b> , 106, 1758-62		8
243	The Brugada ECG pattern: a marker of channelopathy, structural heart disease, or neither? Toward a unifying mechanism of the Brugada syndrome. <b>2010</b> , 3, 283-90		102
242	Genetic basis of malignant channelopathies and ventricular fibrillation in the structurally normal heart. <b>2010</b> , 6, 395-408		6
241	Brugada syndrome: lots of questions, some answers. <i>Heart Rhythm</i> , <b>2010</b> , 7, 47-9	6.7	6
240	To the editor--the compendium of SCN5A mutations. <i>Heart Rhythm</i> , <b>2010</b> , 7, e1	6.7	
239	An international compendium of mutations in the SCN5A-encoded cardiac sodium channel in patients referred for Brugada syndrome genetic testing. <i>Heart Rhythm</i> , <b>2010</b> , 7, 33-46	6.7	515
238	The pathophysiological mechanism underlying Brugada syndrome: depolarization versus repolarization. <b>2010</b> , 49, 543-53		251
237	KCND3 mutations in Brugada syndrome: the plot thickens. <i>Heart Rhythm</i> , <b>2011</b> , 8, 1033-5	6.7	4
236	EP testing does not predict cardiac events in Brugada syndrome. <i>Heart Rhythm</i> , <b>2011</b> , 8, 1598-600	6.7	37
235	Inherited Cardiac Arrhythmia Syndromes: Role of the Sodium Channel. <b>2011</b> , 3, 93-112		
234	Genetic predisposition to sudden cardiac death. <b>2011</b> , 26, 46-50		6
233	Genetics of sudden cardiac death syndromes. <b>2011</b> , 26, 196-203		35
232	Current world literature. <b>2011</b> , 26, 270-4		
231	Clinical and electrophysiological profile of Brugada syndrome in the Tunisian population. <b>2011</b> , 34, 47-53		11
230	Sodium channelopathies: do we really understand what's going on?. <b>2011</b> , 22, 590-3		4

229	SCN5A variation is associated with electrocardiographic traits in the Jackson Heart Study. <i>Circulation: Cardiovascular Genetics</i> , <b>2011</b> , 4, 139-44		18
228	Circulation: Cardiovascular Genetics Editors' Picks. <i>Circulation</i> , <b>2011</b> , 124,	16.7	
227	Phenotypical manifestations of mutations in the genes encoding subunits of the cardiac sodium channel. <b>2011</b> , 108, 884-97		148
226	Circulation Editors' Picks. <i>Circulation</i> , <b>2011</b> , 124,	16.7	
225	Most read in cardiovascular genetics on biomarkers, inherited cardiomyopathies and arrhythmias, metabolomics, and genomics. <i>Circulation: Cardiovascular Genetics</i> , <b>2011</b> , 4, e24-9		1
224	Diagnostic dilemmas: overlapping features of brugada syndrome and arrhythmogenic right ventricular cardiomyopathy. <b>2012</b> , 3, 144		15
223	Unexpected dominance: Brugada syndrome SCN5A variants exert negative dominance via $\beta$ subunit interaction. <b>2012</b> , 96, 1-3		1
222	Brugada syndrome: two decades of progress. <b>2012</b> , 76, 2713-22		52
221	SCN1Bb, atrial fibrillation, and Brugada syndrome: just another brick in the wall $\square$ <i>Heart Rhythm</i> , <b>2012</b> , 9, 774-5	6.7	
220	The diagnostic and therapeutic aspects of loss-of-function cardiac sodium channelopathies in children. <i>Heart Rhythm</i> , <b>2012</b> , 9, 1986-92	6.7	29
219	Brugada syndrome. <b>2012</b> , 5, 606-16		186
218	Criteria to predict carriers of a novel SCN5A mutation in a large Portuguese family affected by the Brugada syndrome. <i>Europace</i> , <b>2012</b> , 14, 882-8	3.9	12
217	Syndr�me du QT long cong�nital, tachycardie ventriculaire cat�cholergique, syndr�me de Brugada et mort subite inexpliqu�e en p�diatrie. <b>2012</b> , 4, 179-192		1
216	Current electrocardiographic criteria for diagnosis of Brugada pattern: a consensus report. <b>2012</b> , 45, 433-42		263
215	Genetic variants in SCN5A promoter are associated with arrhythmia phenotype severity in patients with heterozygous loss-of-function mutation. <i>Heart Rhythm</i> , <b>2012</b> , 9, 1090-6	6.7	29
214	SCN5A mutations in Brugada syndrome are associated with increased cardiac dimensions and reduced contractility. <i>PLoS ONE</i> , <b>2012</b> , 7, e42037	3.7	55
213	Ionic and cellular mechanisms underlying the development of acquired Brugada syndrome in patients treated with antidepressants. <b>2012</b> , 23, 423-32		38
212	Brugada syndrome in a family with a high mortality rate: a case report. <b>2013</b> , 7, 78		3

211	Common variants at SCN5A-SCN10A and HEY2 are associated with Brugada syndrome, a rare disease with high risk of sudden cardiac death. <b>2013</b> , 45, 1044-9			345
210	Genetic biomarkers in Brugada syndrome. <b>2013</b> , 7, 535-46			6
209	Impact of genetics on the clinical management of channelopathies. <b>2013</b> , 62, 169-180			216
208	Genetic testing for inherited cardiac disease. <b>2013</b> , 10, 571-83			115
207	Genetics can contribute to the prognosis of Brugada syndrome: a pilot model for risk stratification. <b>2013</b> , 21, 911-7			43
206	Treatment of electrical storms in Brugada syndrome. <i>Journal of Arrhythmia</i> , <b>2013</b> , 29, 117-124	1.5		6
205	Brugada syndrome: Recent understanding of pathophysiological mechanism and treatment. <i>Journal of Arrhythmia</i> , <b>2013</b> , 29, 77-82	1.5		3
204	Genetic basis of Brugada syndrome. <i>Journal of Arrhythmia</i> , <b>2013</b> , 29, 71-76	1.5		4
203	Brugada phenocopy: redefinition and updated classification. <b>2013</b> , 111, 453			54
202	Dual phenotypic transmission in Brugada syndrome. <b>2013</b> , 106, 366-72			1
201	Cardiac sodium channelopathy associated with SCN5A mutations: electrophysiological, molecular and genetic aspects. <b>2013</b> , 591, 4099-116			113
200	Stratification du risque et approches thérapeutiques dans le syndrome de Brugada. <b>2013</b> , 2013, 9-14			
199	Arrhythmogenesis in Brugada syndrome: impact and constraints of current concepts. <b>2013</b> , 167, 1760-71			6
198	Brugada syndrome: an update. <b>2013</b> , 9, 253-71			16
197	A missense mutation in the sodium channel $\alpha$ subunit reveals SCN2B as a new candidate gene for Brugada syndrome. <b>2013</b> , 34, 961-6			78
196	Cardiac channelopathies: genetic and molecular mechanisms. <b>2013</b> , 517, 1-11			83
195	Genetics of cardiac electrical disease. <b>2013</b> , 29, 89-99			19
194	Computational tools to investigate genetic cardiac channelopathies. <b>2013</b> , 4, 390			6

193	Drug-induced Brugada syndrome by noncardiac agents. <b>2013</b> , 36, 1570-7		12
192	A novel missense mutation, I890T, in the pore region of cardiac sodium channel causes Brugada syndrome. <i>PLoS ONE</i> , <b>2013</b> , 8, e53220	3.7	16
191	Molecular genetics and functional anomalies in a series of 248 Brugada cases with 11 mutations in the TRPM4 channel. <i>PLoS ONE</i> , <b>2013</b> , 8, e54131	3.7	96
190	Correlation of intracardiac electrogram with surface electrocardiogram in Brugada syndrome patients. <i>Europace</i> , <b>2014</b> , 16, 908-13	3.9	1
189	About Brugada phenocopy: Brugada phenocopy with a flecainide overdose: a pharmacological dose effect?. <b>2014</b> , 25, E2		2
188	Brugada phenocopies: consideration of morphologic criteria and early findings from an international registry. <b>2014</b> , 30, 1511-5		48
187	Brugada syndrome: a heterogeneous disease with a common ECG phenotype?. <b>2014</b> , 25, 450-456		18
186	Unexpected interactions with NaV1.5 genetic variants in Brugada syndrome. <i>Circulation: Cardiovascular Genetics</i> , <b>2014</b> , 7, 97-9		0
185	A comprehensive electrocardiographic, molecular, and echocardiographic study of Brugada syndrome: validation of the 2013 diagnostic criteria. <i>Heart Rhythm</i> , <b>2014</b> , 11, 1176-83	6.7	25
184	Rare variants and cardiovascular disease. <b>2014</b> , 13, 384-91		9
183	Recent genetic discoveries implicating ion channels in human cardiovascular diseases. <b>2014</b> , 15, 47-52		9
182	Genetics of sudden cardiac death caused by ventricular arrhythmias. <b>2014</b> , 11, 96-111		52
181	Cardiac Sodium Channel Overlap Syndrome. <b>2014</b> , 6, 761-776		2
180	Role of Rare and Common Genetic Variation in SCN5A in Cardiac Electrical Function and Arrhythmia. <b>2014</b> , 6, 665-677		1
179	Use of Drugs in Long QT Syndrome Type 3 and Brugada Syndrome. <b>2014</b> , 6, 811-817		1
178	Sodium Current Disorders. <b>2014</b> , 6, 819-824		1
177	Brugada Syndrome and Nav1.5. <b>2014</b> , 6, 715-721		
176	Complex Brugada syndrome inheritance in a family harbouring compound SCN5A and CACNA1C mutations. <b>2014</b> , 109, 446		16

175	Cardiac sodium channel mutations: why so many phenotypes?. <b>2014</b> , 11, 607-15		53
174	Genotype phenotype associations across the voltage-gated sodium channel family. <b>2014</b> , 51, 650-8		52
173	Reduced Penetrance and Variable Expression of SCN5A Mutations and the Importance of Co-inherited Genetic Variants: Case Report and Review of the Literature. <b>2014</b> , 14, 133-49		15
172	Complex genetic background in a large family with Brugada syndrome. <b>2015</b> , 3, e12256		5
171	Fever-Induced Brugada Syndrome. <b>2015</b> , 3, 2324709615577414		5
170	Genetics of inherited primary arrhythmia disorders. <b>2015</b> , 8, 215-33		14
169	Genetic Analysis of Arrhythmogenic Diseases in the Era of NGS: The Complexity of Clinical Decision-Making in Brugada Syndrome. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133037	3.7	32
168	The role of the sodium current complex in a nonreferred nationwide cohort of sudden infant death syndrome. <i>Heart Rhythm</i> , <b>2015</b> , 12, 1241-9	6.7	17
167	Genetics of sudden cardiac death. <b>2015</b> , 116, 1919-36		161
166	Everybody has Brugada syndrome until proven otherwise?. <i>Heart Rhythm</i> , <b>2015</b> , 12, 1595-8	6.7	30
165	Cellular hyper-excitability caused by mutations that alter the activation process of voltage-gated sodium channels. <b>2015</b> , 6, 45		8
164	Genetic background of Brugada syndrome is more complex than what we would like it to be!. <b>2015</b> , 106, 351-2		4
163	[Management of sudden unexpected infant death syndrome (SUIDS) in reference centers in France in 2013]. <b>2015</b> , 22, 360-7		5
162	Absence of family history and phenotype-genotype correlation in pediatric Brugada syndrome: more burden to bear in clinical and genetic diagnosis. <b>2015</b> , 36, 1090-6		7
161	Update on the Diagnosis and Management of Brugada Syndrome. <b>2015</b> , 24, 1141-8		25
160	The cardiac sodium channel gene SCN5A and its gene product NaV1.5: Role in physiology and pathophysiology. <b>2015</b> , 573, 177-87		80
159	Alternative paradigms for ion channelopathies: disorders of ion channel membrane trafficking and posttranslational modification. <b>2015</b> , 77, 505-24		52
158	The haemodynamic relevance of peri-operative arrhythmia in a patient with concomitant Brugada and Sick Sinus Syndrome. <b>2016</b> , 4, 77-80		

157	The Brugada Syndrome: A Rare Arrhythmia Disorder with Complex Inheritance. <i>Frontiers in Cardiovascular Medicine</i> , <b>2016</b> , 3, 9	5.4	39
156	Electrophysiological Mechanisms of Brugada Syndrome: Insights from Pre-clinical and Clinical Studies. <b>2016</b> , 7, 467		30
155	Next-Generation Sequencing in Post-mortem Genetic Testing of Young Sudden Cardiac Death Cases. <i>Frontiers in Cardiovascular Medicine</i> , <b>2016</b> , 3, 13	5.4	13
154	Physiological and Pathophysiological Insights of Nav1.4 and Nav1.5 Comparison. <b>2015</b> , 6, 314		27
153	Complexity of Molecular Genetics in the Inherited Cardiac Arrhythmias. <b>2016</b> , 345-368		1
152	Brugada syndrome: diagnosis, risk stratification, and management. <b>2016</b> , 31, 37-45		15
151	Fever-Induced Brugada Syndrome Is More Common Than Previously Suspected: A Cross-Sectional Study from an Endemic Area. <b>2016</b> , 21, 136-41		28
150	Guidelines for Sports Practice in Athletes with Cardiovascular Disease. <b>2016</b> , 371-384		
149	New Insights Into the Genetic Basis of Inherited Arrhythmia Syndromes. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 569-577		29
148	IRX3 variant as a modifier of Brugada syndrome with frequent ventricular fibrillation. <b>2016</b> , 2, 465-468		2
147	Genetics of Brugada syndrome. <i>Journal of Arrhythmia</i> , <b>2016</b> , 32, 418-425	1.5	57
146	Cardiac Sodium Channel Mutations: Why so Many Phenotypes?. <b>2016</b> , 78, 513-59		8
145	Role of Genetic Testing in Patients with Ventricular Arrhythmias in Apparently Normal Hearts. <b>2016</b> , 8, 515-23		0
144	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. <i>Europace</i> , <b>2017</b> , 19, 665-694	3.9	127
143	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. <i>Heart Rhythm</i> , <b>2016</b> , 13, e295-324	6.7	166
142	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. <i>Journal of Arrhythmia</i> , <b>2016</b> , 32, 315-339	1.5	90
141	Modeling and Genome-Editing Brugada Syndrome in a Dish. <b>2016</b> , 68, 2097-2098		1
140	Electrophysiological characterization of a large set of novel variants in the SCN5A-gene: identification of novel LQTS3 and BrS mutations. <b>2016</b> , 468, 1375-87		20

139	Whole-Exome Molecular Autopsy After Exertional Sudden Cardiac Death: Not a Panacea but a Step in the Right Direction. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 210-2		2
138	Recent advances in genetic testing and counseling for inherited arrhythmias. <i>Journal of Arrhythmia</i> , <b>2016</b> , 32, 389-397	1.5	24
137	Dysfunction of the Voltage-Gated K <sup>+</sup> Channel $\beta$ Subunit in a Familial Case of Brugada Syndrome. <b>2016</b> , 5,		15
136	Methods for Improving the Diagnosis of a Brugada ECG Pattern. <b>2016</b> , 21, 210-3		2
135	SCN4A variants and Brugada syndrome: phenotypic and genotypic overlap between cardiac and skeletal muscle sodium channelopathies. <b>2016</b> , 24, 400-7		24
134	Recent advances in therapeutic strategies that focus on the regulation of ion channel expression. <b>2016</b> , 160, 11-43		23
133	Ion Channel Diseases: an Update for 2016. <b>2016</b> , 18, 21		3
132	Mutational analysis of mitochondrial DNA in Brugada syndrome. <b>2016</b> , 25, 47-54		13
131	Triggers for arrhythmogenesis in the Brugada and long QT 3 syndromes. <b>2016</b> , 120, 77-88		23
130	The role of genetic testing in unexplained sudden death. <b>2016</b> , 168, 59-73		23
129	Brugada syndrome: Diagnosis, risk stratification and management. <b>2017</b> , 110, 188-195		35
128	[Sudden cardiac death : Epidemiology, pathophysiology and risk stratification]. <b>2017</b> , 42, 123-131		2
127	Twelve-lead ambulatory electrocardiographic monitoring in Brugada syndrome: Potential diagnostic and prognostic implications. <i>Heart Rhythm</i> , <b>2017</b> , 14, 866-874	6.7	27
126	Brugada syndrome: A general cardiologist's perspective. <b>2017</b> , 44, 19-27		22
125	Genetic Polymorphisms Associated With Increased Defibrillator Shocks in Brugada Syndrome. <b>2017</b> , 6,		18
124	Ion channelopathies associated genetic variants as the culprit for sudden unexplained death. <b>2017</b> , 275, 128-137		7
123	Genotype-phenotype dilemma in a case of sudden cardiac death with the E1053K mutation and a deletion in the SCN5A gene. <b>2017</b> , 275, 187-194		10
122	Genotype-Phenotype Correlation of Mutation for the Clinical and Electrocardiographic Characteristics of Probands With Brugada Syndrome: A Japanese Multicenter Registry. <i>Circulation</i> , <b>2017</b> , 135, 2255-2270	16.7	88



121	Channelopathies, genetic testing and risk stratification. <b>2017</b> , 237, 53-55		11
120	Prognosis, risk stratification, and management of asymptomatic individuals with Brugada syndrome: A systematic review. <b>2017</b> , 40, 1332-1345		25
119	Revisiting the sensitivity of sodium channel blocker testing in Brugada syndrome using obligate transmittance. <b>2017</b> , 245, 183-184		1
118	Postmortem genetic analysis of sudden unexpected death in infancy: neonatal genetic screening may enable the prevention of sudden infant death. <b>2017</b> , 62, 989-995		14
117	Value of the sodium-channel blocker challenge in Brugada syndrome. <b>2017</b> , 245, 178-180		12
116	Yield and Pitfalls of Ajmaline Testing in the Evaluation of Unexplained Cardiac Arrest and Sudden Unexplained Death: Single-Center Experience With 482 Families. <i>JACC: Clinical Electrophysiology</i> , <b>2017</b> , 3, 1400-1408	4.6	19
115	Les canalopathies : quels progrès dans la prévention de la mort subite ?. <b>2017</b> , 201, 809-819		
114	A mutation in the CACNA1C gene leads to early repolarization syndrome with incomplete penetrance: A Chinese family study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177532	3.7	12
113	Controversies in Brugada syndrome. <b>2018</b> , 28, 284-292		5
112	Clinical Spectrum of SCN5A Mutations: Long QT Syndrome, Brugada Syndrome, and Cardiomyopathy. <i>JACC: Clinical Electrophysiology</i> , <b>2018</b> , 4, 569-579	4.6	91
111	Cardiac channelopathies: The role of sodium channel mutations. <b>2018</b> , 37, 179-199		2
110	Cardiac channelopathies: The role of sodium channel mutations. <b>2018</b> , 37, 179-199		6
109	2017 AHA/ACC/HRS guideline for management of patients with ventricular arrhythmias and the prevention of sudden cardiac death: Executive summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. <i>Heart Rhythm</i> , <b>2018</b> , 15, e190-e252	6.7	264
108	2017 AHA/ACC/HRS guideline for management of patients with ventricular arrhythmias and the prevention of sudden cardiac death: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. <i>Heart Rhythm</i> , <b>2018</b> , 15, e190-e252	6.7	151
107	2017 AHA/ACC/HRS Guideline for Management of Patients With Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. <b>2018</b> , 72, e177-178		180
106	2017 AHA/ACC/HRS Guideline for Management of Patients With Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. <b>2018</b> , 138, e272-e391	16.7	173
105	2017 AHA/ACC/HRS Guideline for Management of Patients With Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. <i>Circulation</i> , <b>2018</b> , 138, e272-e391	16.7	307
104	OBSOLETE: Brugada Syndrome. <b>2018</b> ,		

103	Cardiac Sodium Channel (Dys)Function and Inherited Arrhythmia Syndromes. <i>Cardiac and Vascular Biology</i> , <b>2018</b> , 9-45	0.2	1
102	Additional Genetic Variants in Inherited Dilated Cardiomyopathy: Just Another Brick in the Wall?. <b>2018</b> , 11, e002249		1
101	Disease Modifiers of Inherited Channelopathy. <i>Frontiers in Cardiovascular Medicine</i> , <b>2018</b> , 5, 137	5.4	16
100	Response to letter from Drs. Li et al. regarding our paper in Int. J. Cardiol. 2018. Doi: 10.1016/j.ijcard.2017.09.010: SCN5A mutation type and topology are associated with the risk of ventricular arrhythmia by sodium channel blockers. <b>2018</b> , 271, 124		
99	SCN5A gene mutations and the risk of ventricular fibrillation and syncope in Brugada syndrome patients: A meta-analysis. <i>Journal of Arrhythmia</i> , <b>2018</b> , 34, 473-477	1.5	8
98	Lack of genotype-phenotype correlation in Brugada Syndrome and Sudden Arrhythmic Death Syndrome families with reported pathogenic SCN1B variants. <i>Heart Rhythm</i> , <b>2018</b> , 15, 1051-1057	6.7	10
97	Relations between right ventricular morphology and clinical, electrical and genetic parameters in Brugada Syndrome. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195594	3.7	16
96	Brugada Phenocopy: Definition, Diagnosis, and Differentiation From True Brugada Syndrome. <b>2018</b> , 11-19		0
95	The Value of the Sodium Channel Blocker Test in Brugada Syndrome and Brugada Phenocopy. <b>2018</b> , 21-31		
94	2017 AHA/ACC/HRS Guideline for Management of Patients With Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. <b>2018</b> , 72, e91-e220		411
93	Present Status of Brugada Syndrome: JACC State-of-the-Art Review. <b>2018</b> , 72, 1046-1059		165
92	Prolonged Right Ventricular Ejection Delay in Brugada Syndrome Depends on the Type of SCN5A Variant - Electromechanical Coupling Through Tissue Velocity Imaging as a Bridge Between Genotyping and Phenotyping. <b>2017</b> , 82, 53-61		3
91	SCN5A mutation status increases the risk of major arrhythmic events in Asian populations with Brugada syndrome: systematic review and meta-analysis. <b>2019</b> , 24, e12589		6
90	Beyond the One Gene-One Disease Paradigm: Complex Genetics and Pleiotropy in Inheritable Cardiac Disorders. <i>Circulation</i> , <b>2019</b> , 140, 595-610	16.7	56
89	Genetic susceptibility and the Brugada syndrome. <b>2019</b> , 40, 3094-3096		2
88	Role of SCN5A coding and non-coding sequences in Brugada syndrome onset: What's behind the scenes?. <b>2019</b> , 42, 252-260		10
87	Novel Frameshift Mutation in Brugada Syndrome Associated With Complex Arrhythmic Phenotype. <b>2019</b> , 10, 547		9
86	RRAD mutation causes electrical and cytoskeletal defects in cardiomyocytes derived from a familial case of Brugada syndrome. <b>2019</b> , 40, 3081-3094		25

85	Suspected hyponatremia-induced Brugada phenocopy. <b>2019</b> , 12, 61-65	7
84	Genetic interpretation and clinical translation of minor genes related to Brugada syndrome. <b>2019</b> , 40, 749-764	17
83	Recent understanding of clinical sequencing and gene-based risk stratification in inherited primary arrhythmia syndrome. <b>2019</b> , 73, 335-342	16
82	Suspected Brugada Phenocopy Secondary to Coronary Slow Flow. <b>2019</b> , 2019, 9027029	
81	Systematic re-evaluation of SCN5A variants associated with Brugada syndrome. <b>2019</b> , 30, 118-127	24
80	SCN5A variants in Brugada syndrome: True, true false, or false true. <b>2019</b> , 30, 128-131	4
79	Channelopathies That Lead to Sudden Cardiac Death: Clinical and Genetic Aspects. <b>2019</b> , 28, 22-30	64
78	Brugada syndrome with SCN5A mutations exhibits more pronounced electrophysiological defects and more severe prognosis: A meta-analysis. <b>2020</b> , 97, 198-208	9
77	Epidemiology of inherited arrhythmias. <b>2020</b> , 17, 205-215	18
76	Catheter ablation in highly symptomatic Brugada patients: a Dutch case series. <b>2020</b> , 109, 560-569	4
75	Brugada Syndrome: Clinical Care Amidst Pathophysiological Uncertainty. <b>2020</b> , 29, 538-546	2
74	Number of electrocardiogram leads in the diagnosis of spontaneous Brugada syndrome. <b>2020</b> , 113, 152-158	
73	Update on Genetic Basis of Brugada Syndrome: Monogenic, Polygenic or Oligogenic?. <b>2020</b> , 21,	20
72	Identification of Novel SCN5A Single Nucleotide Variants in Brugada Syndrome: A Territory-Wide Study From Hong Kong. <b>2020</b> , 11, 574590	2
71	Inherited cardiac arrhythmias. <b>2020</b> , 6, 58	53
70	Brugada syndrome unmasked by fever: a comprehensive review of literature. <b>2020</b> , 10, 224-228	5
69	Role of Non-Coding Variants in Brugada Syndrome. <b>2020</b> , 21,	3
68	Relationship between sodium channel function and clinical phenotype in SCN5A variants associated with Brugada syndrome. <b>2020</b> , 41, 2195-2204	5

67	Mutation Type and a Genetic Risk Score Associate Variably With Brugada Syndrome Phenotype in Families. <b>2020</b> , 13, e002911		13
66	When genetic burden reaches threshold. <b>2020</b> , 41, 3849-3855		12
65	Genome-wide association studies of cardiac electrical phenotypes. <b>2020</b> , 116, 1620-1634		4
64	Association between an indel polymorphism within CTH and the risk of sudden cardiac death in a Chinese population. <b>2020</b> , 46, 101736		2
63	Identification of transmembrane protein 168 mutation in familial Brugada syndrome. <b>2020</b> , 34, 6399-6417		0
62	Prevalence of sudden arrhythmic death syndrome-related genetic mutations in an Asian cohort of whole genome sequence. <i>Europace</i> , <b>2020</b> , 22, 1287-1297	3.9	
61	Common and rare susceptibility genetic variants predisposing to Brugada syndrome in Thailand. <i>Heart Rhythm</i> , <b>2020</b> , 17, 2145-2153	6.7	8
60	The evolution of gene-guided management of inherited arrhythmia syndromes: Peering beyond monogenic paradigms towards comprehensive genomic risk scores. <b>2020</b> , 31, 2998-3008		1
59	Brugada syndrome: A comprehensive review of pathophysiological mechanisms and risk stratification strategies. <b>2020</b> , 26, 100468		11
58	Clinical characterization of the first Belgian SCN5A founder mutation cohort. <i>Europace</i> , <b>2021</b> , 23, 918-923	3.9	1
57	Brugada syndrome and arrhythmogenic cardiomyopathy: overlapping disorders of the connexome?. <i>Europace</i> , <b>2021</b> , 23, 653-664	3.9	8
56	Enhancing rare variant interpretation in inherited arrhythmias through quantitative analysis of consortium disease cohorts and population controls. <b>2021</b> , 23, 47-58		13
55	Brugada syndrome and reduced right ventricular outflow tract conduction reserve: a final common pathway?. <b>2021</b> , 42, 1073-1081		17
54	Familial Evaluation in Idiopathic Ventricular Fibrillation: Diagnostic Yield and Significance of J Wave Syndromes. <b>2021</b> , 14, e009089		3
53	Brugada syndrome clinical update. <b>2021</b> , 49, 255-261		0
52	Propofol for Induction and Maintenance of Anesthesia in Patients With Brugada Syndrome: A Single-Center, 25-Year, Retrospective Cohort Analysis. <b>2021</b> , 132, 1645-1653		1
51	Arrhythmia variant associations and reclassifications in the eMERGE-III sequencing study.		0
50	A novel familial SCN5A exon 20 deletion is associated with a heterogeneous phenotype. <b>2021</b> , 66, 131-135		1

49	The Eǂngle can help guide clinical decisions in the diagnostic work-up of patients suspected of Brugada syndrome: a validation study of the Eǂngle in determining the outcome of a sodium channel provocation test. <i>Europace</i> , <b>2021</b> , 23, 2020-2028	3.9	1
48	A Novel SCN5A Variant Causes Temperature-Sensitive Loss Of Function in a Family with Symptomatic Brugada Syndrome, Cardiac Conduction Disease, and Sick Sinus Syndrome. <b>2021</b> , 146, 754-762		1
47	Differential Modulation of the Voltage-Gated Na Channel 1.6 by Peptides Derived From Fibroblast Growth Factor 14. <b>2021</b> , 8, 742903		2
46	The genomic architecture of the Brugada syndrome. <i>Heart Rhythm</i> , <b>2021</b> , 18, 1707-1708	6.7	0
45	Brugada Syndrome: Clinical and Genetic Aspects. <b>2013</b> , 469-495		1
44	[Clues of an underlying organic substrate in the Brugada Syndrome]. <i>Archivos De Cardiologia De Mexico</i> , <b>2017</b> , 87, 49-60	0.2	1
43	Risk Stratification and Therapeutic Approach in Brugada Syndrome. <i>Arrhythmia and Electrophysiology Review</i> , <b>2012</b> , 1, 17-21	3.2	4
42	Genetic Testing for Inherited Cardiac Arrhythmias: Current State-of-the-Art and Future Avenues. <i>Journal of Innovations in Cardiac Rhythm Management</i> , <b>2018</b> , 9, 3406-3416	1.1	1
41	New electrocardiographic features in Brugada syndrome. <i>Current Cardiology Reviews</i> , <b>2014</b> , 10, 175-80	2.4	16
40	The Diagnosis, Risk Stratification, and Treatment of Brugada Syndrome. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2015</b> , 112, 394-401	2.5	19
39	A1427S missense mutation in scn5a causes type 1 brugada pattern, recurrent ventricular tachyarrhythmias and right ventricular structural abnormalities. <i>Research in Cardiovascular Medicine</i> , <b>2017</b> , 6, 10	0.4	1
38	Worldwide Prevalence of Brugada Syndrome: A Systematic Review and Meta-Analysis. <i>Acta Cardiologica Sinica</i> , <b>2018</b> , 34, 267-277	1.1	34
37	The Integrative Approach to Study of the Structure and Functions of Cardiac Voltage-Dependent Ion Channels. <i>Crystallography Reports</i> , <b>2021</b> , 66, 711-725	0.6	
36	Brugada ECG Pattern and Brugada Syndrome. <b>2022</b> , 151-158		
35	Brugada syndrome: update and future perspectives. <i>Heart</i> , <b>2021</b> ,	5.1	1
34	Sodium Ion Channelopathies. <b>2013</b> , 193-207		
33	Genetic and clinical aspects of brugada syndrome. <i>Acta Medica International</i> , <b>2015</b> , 2, 112	0.1	
32	The role of cardiologist and surgeon in the treatment of patients with Brugada syndrome. <i>Kardiologiya I Serdechno-Sosudistaya Khirurgiya</i> , <b>2016</b> , 9, 87	0.3	1

31	Brugada Syndrome: Evolving Insights and Emerging Treatment Strategies. <i>Journal of Innovations in Cardiac Rhythm Management</i> , <b>2017</b> , 8, 2613-2622	1.1	2
30	Role of SCN5A coding and non-coding sequences in Brugada syndrome onset: What's behind the scenes?.		
29	Brugada Syndrome. <b>2018</b> , 356-372		
28	Brugada Syndrome: Current Perspectives. <i>Cardiac and Vascular Biology</i> , <b>2018</b> , 187-214	0.2	
27	Inherited Arrhythmias: Brugada Syndrome and Early Repolarisation Syndrome. <b>2018</b> , 437-480		
26	Genetic Testing for Inheritable Cardiac Channelopathies. <i>Cardiac and Vascular Biology</i> , <b>2018</b> , 323-358	0.2	
25	Genotype-Phenotype Correlation of SCN5A Mutation for the Clinical and Electrocardiographic Characteristics of Proband With Brugada Syndrome. <i>Japanese Journal of Electrocardiology</i> , <b>2018</b> , 38, 269-276	0	
24	Brugada Syndrome. <b>2020</b> , 231-246		
23	Syncope in a 3-year-old male: A case report. <i>World Journal of Emergency Medicine</i> , <b>2020</b> , 11, 188-190	1.9	
22	Genetic Test for the Channelopathies: Useful or Less Than Useful for Patients? (Part II). <i>Translational Medicine @ UniSa</i> , <b>2013</b> , 6, 35-40	0.5	1
21	Clinical Genetics of Inherited Arrhythmogenic Disease in the Pediatric Population.. <i>Biomedicines</i> , <b>2022</b> , 10,	4.8	1
20	The Mechanism of Ajmaline and Thus Brugada Syndrome: Not Only the Sodium Channel!. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 782596	5.4	0
19	Brugada Syndrome.. <i>JACC: Clinical Electrophysiology</i> , <b>2022</b> , 8, 386-405	4.6	2
18	Arrhythmia Variant Associations and Reclassifications in the eMERGE-III Sequencing Study.. <i>Circulation</i> , <b>2021</b> ,	16.7	2
17	Searching for genetic modulators of the phenotypic heterogeneity in Brugada syndrome.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0263469	3.7	
16	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) Expert Consensus Statement on the state of genetic testing for cardiac diseases.. <i>Europace</i> , <b>2022</b> ,	3.9	5
15	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) Expert Consensus Statement on the state of genetic testing for cardiac diseases.. <i>Heart Rhythm</i> , <b>2022</b> ,	6.7	6
14	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) Expert Consensus Statement on the state of genetic testing for cardiac diseases. <i>Journal of Arrhythmia</i> ,	1.5	2

13	Novel and Variants Identified in Two Unrelated Han-Chinese Patients With Clinically Suspected Brugada Syndrome.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 758903	5.4	1
12	Table_1.docx. <b>2020</b> ,		
11	The Genetics of Brugada Syndrome.. <i>Annual Review of Genomics and Human Genetics</i> , <b>2022</b> ,	9.7	0
10	Exercise in the Genetic Arrhythmia Syndromes [A Review]. <i>Clinics in Sports Medicine</i> , <b>2022</b> , 41, 485-510	2.6	
9	Diagnostic yield and variant reassessment in the genes encoding Nav1.5 channel in Russian patients with Brugada syndrome. 13,		0
8	2022 ESC Guidelines for the management of patients with ventricular arrhythmias and the prevention of sudden cardiac death.		37
7	Screening, diagnosis and follow-up of Brugada syndrome in children: a Dutch expert consensus statement.		0
6	CLIN_SKAT: an R package to conduct association analysis using functionally relevant variants. <b>2022</b> , 23,		0
5	Brugada syndrome in Thailand: Three decades of progress. <b>2022</b> , 3, 743-751		0
4	Subcellular diversity of Nav1.5 in cardiomyocytes: distinct functions, mechanisms and targets.		1
3	Management of Inherited Arrhythmia Syndromes: A HiRO Consensus Handbook on Process of Care. <b>2023</b> , 5, 268-284		0
2	A Novel DLG1 Variant in a Family with Brugada Syndrome: Clinical Characteristics and In Silico Analysis. <b>2023</b> , 14, 427		0
1	Brugada Syndrome: From Molecular Mechanisms and Genetics to Risk Stratification. <b>2023</b> , 24, 3328		0