

List of Publications by Citations

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

151 papers	9,152 citations	47 h-index	94 g-index
176 ext. papers	11,104 ext. citations	7.6 avg, IF	5.64 L-index

#	Paper	IF	Citations
151	Prevalence of the congenital long-QT syndrome. <i>Circulation</i> , 2009 , 120, 1761-7	16.7	649
150	Clinical and genetic heterogeneity of right bundle branch block and ST-segment elevation syndrome: A prospective evaluation of 52 families. <i>Circulation</i> , 2000 , 102, 2509-15	16.7	420
149	Prevalence of long-QT syndrome gene variants in sudden infant death syndrome. <i>Circulation</i> , 2007 , 115, 361-7	16.7	395
148	Long-QT syndrome: from genetics to management. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 868-77	6.4	349
147	Common variants at SCN5A-SCN10A and HEY2 are associated with Brugada syndrome, a rare disease with high risk of sudden cardiac death. <i>Nature Genetics</i> , 2013 , 45, 1044-9	36.3	345
146	Left cardiac sympathetic denervation for catecholaminergic polymorphic ventricular tachycardia. <i>New England Journal of Medicine</i> , 2008 , 358, 2024-9	59.2	306
145	The Jervell and Lange-Nielsen syndrome: natural history, molecular basis, and clinical outcome. <i>Circulation</i> , 2006 , 113, 783-90	16.7	274
144	Calmodulin mutations associated with recurrent cardiac arrest in infants. <i>Circulation</i> , 2013 , 127, 1009-17	16.7	262
143	High efficacy of beta-blockers in long-QT syndrome type 1: contribution of noncompliance and QT-prolonging drugs to the occurrence of beta-blocker treatment "failures". <i>Circulation</i> , 2009 , 119, 215-21	16.7	235
142	The elusive link between LQT3 and Brugada syndrome: the role of flecainide challenge. <i>Circulation</i> , 2000 , 102, 945-7	16.7	211
141	Who are the long-QT syndrome patients who receive an implantable cardioverter-defibrillator and what happens to them?: data from the European Long-QT Syndrome Implantable Cardioverter-Defibrillator (LQTS ICD) Registry. <i>Circulation</i> , 2010 , 122, 1272-82	16.7	209
140	Gain-of-function mutation S422L in the KCNJ8-encoded cardiac K(ATP) channel Kir6.1 as a pathogenic substrate for J-wave syndromes. <i>Heart Rhythm</i> , 2010 , 7, 1466-71	6.7	208
139	NOS1AP is a genetic modifier of the long-QT syndrome. <i>Circulation</i> , 2009 , 120, 1657-63	16.7	202
138	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014 , 46, 826-36	36.3	199
137	KCNH2-K897T is a genetic modifier of latent congenital long-QT syndrome. <i>Circulation</i> , 2005 , 112, 1251-8	16.7	196
136	Transient outward current (I _{to}) gain-of-function mutations in the KCND3-encoded Kv4.3 potassium channel and Brugada syndrome. <i>Heart Rhythm</i> , 2011 , 8, 1024-32	6.7	191
135	Clinical Management of Catecholaminergic Polymorphic Ventricular Tachycardia: The Role of Left Cardiac Sympathetic Denervation. <i>Circulation</i> , 2015 , 131, 2185-93	16.7	174

134	Not all beta-blockers are equal in the management of long QT syndrome types 1 and 2: higher recurrence of events under metoprolol. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 2092-9	15.1	168
133	Congenital long QT syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2008 , 3, 18	4.2	167
132	Cardiac sodium channel dysfunction in sudden infant death syndrome. <i>Circulation</i> , 2007 , 115, 368-76	16.7	164
131	Spectrum and prevalence of mutations involving BrS1- through BrS12-susceptibility genes in a cohort of unrelated patients referred for Brugada syndrome genetic testing: implications for genetic testing. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1410-8	15.1	156
130	The E1784K mutation in SCN5A is associated with mixed clinical phenotype of type 3 long QT syndrome. <i>Journal of Clinical Investigation</i> , 2008 , 118, 2219-29	15.9	155
129	Phenotypic variability and unusual clinical severity of congenital long-QT syndrome in a founder population. <i>Circulation</i> , 2005 , 112, 2602-10	16.7	150
128	Novel calmodulin mutations associated with congenital arrhythmia susceptibility. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 466-74		133
127	The common long-QT syndrome mutation KCNQ1/A341V causes unusually severe clinical manifestations in patients with different ethnic backgrounds: toward a mutation-specific risk stratification. <i>Circulation</i> , 2007 , 116, 2366-75	16.7	130
126	Clinical Aspects of Type 3 Long-QT Syndrome: An International Multicenter Study. <i>Circulation</i> , 2016 , 134, 872-82	16.7	118
125	The genetics underlying acquired long QT syndrome: impact for genetic screening. <i>European Heart Journal</i> , 2016 , 37, 1456-64	9.5	108
124	Long QT syndrome-associated mutations in intrauterine fetal death. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 1473-82	27.4	108
123	Identification of Cadherin 2 () Mutations in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		94
122	Neural control of heart rate is an arrhythmia risk modifier in long QT syndrome. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 920-9	15.1	88
121	Role of common and rare variants in SCN10A: results from the Brugada syndrome QRS locus gene discovery collaborative study. <i>Cardiovascular Research</i> , 2015 , 106, 520-9	9.9	86
120	A novel rare variant in SCN1Bb linked to Brugada syndrome and SIDS by combined modulation of Na(v)1.5 and K(v)4.3 channel currents. <i>Heart Rhythm</i> , 2012 , 9, 760-9	6.7	84
119	All LQT3 patients need an ICD: true or false?. <i>Heart Rhythm</i> , 2009 , 6, 113-20	6.7	81
118	Elucidating arrhythmogenic mechanisms of long-QT syndrome CALM1-F142L mutation in patient-specific induced pluripotent stem cell-derived cardiomyocytes. <i>Cardiovascular Research</i> , 2017 , 113, 531-541	9.9	79
117	FGF12 is a candidate Brugada syndrome locus. <i>Heart Rhythm</i> , 2013 , 10, 1886-94	6.7	72

116	Identification of a targeted and testable antiarrhythmic therapy for long-QT syndrome type 2 using a patient-specific cellular model. <i>European Heart Journal</i> , 2018 , 39, 1446-1455	9.5	71
115	Impact of clinical and genetic findings on the management of young patients with Brugada syndrome. <i>Heart Rhythm</i> , 2016 , 13, 1274-82	6.7	71
114	Clinical implications for patients with long QT syndrome who experience a cardiac event during infancy. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 832-7	15.1	70
113	A novel disease gene for Brugada syndrome: sarcolemmal membrane-associated protein gene mutations impair intracellular trafficking of hNav1.5. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 1098-107	6.4	69
112	Arrhythmogenic calmodulin mutations disrupt intracellular cardiomyocyte Ca ²⁺ regulation by distinct mechanisms. <i>Journal of the American Heart Association</i> , 2014 , 3, e000996	6	67
111	Two cases of sudden unexpected death in epilepsy in a GEFS+ family with an SCN1A mutation. <i>Epilepsia</i> , 2008 , 49, 360-5	6.4	64
110	Calmodulin mutations and life-threatening cardiac arrhythmias: insights from the International Calmodulinopathy Registry. <i>European Heart Journal</i> , 2019 , 40, 2964-2975	9.5	61
109	Identification of a KCNQ1 polymorphism acting as a protective modifier against arrhythmic risk in long-QT syndrome. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 354-61		59
108	Autonomic control of heart rate and QT interval variability influences arrhythmic risk in long QT syndrome type 1. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 367-374	15.1	57
107	Worldwide Survey of COVID-19-Associated Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009458	6.4	54
106	Cardiac potassium channel dysfunction in sudden infant death syndrome. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 571-81	5.8	48
105	Desmoplakin missense and non-missense mutations in arrhythmogenic right ventricular cardiomyopathy: Genotype-phenotype correlation. <i>International Journal of Cardiology</i> , 2017 , 249, 268-273 ²		46
104	AKAP9 is a genetic modifier of congenital long-QT syndrome type 1. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 599-606		45
103	Characterization of SEMA3A-encoded semaphorin as a naturally occurring Kv4.3 protein inhibitor and its contribution to Brugada syndrome. <i>Circulation Research</i> , 2014 , 115, 460-9	15.7	43
102	Vagal reflexes following an exercise stress test: a simple clinical tool for gene-specific risk stratification in the long QT syndrome. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 2515-24	15.1	42
101	From patient-specific induced pluripotent stem cells to clinical translation in long QT syndrome Type 2. <i>European Heart Journal</i> , 2019 , 40, 1832-1836	9.5	41
100	Novel calmodulin mutations associated with congenital long QT syndrome affect calcium current in human cardiomyocytes. <i>Heart Rhythm</i> , 2016 , 13, 1212-9	6.7	41
99	Does pregnancy increase cardiac risk for LQT1 patients with the KCNQ1-A341V mutation?. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 1410-5	15.1	41

98	The long QT syndrome. <i>Europace</i> , 2001 , 3, 16-27	3.9	40
97	Mexiletine Shortens the QT Interval in Patients With Potassium Channel-Mediated Type 2 Long QT Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007280	6.4	38
96	Malignant perinatal variant of long-QT syndrome caused by a profoundly dysfunctional cardiac sodium channel. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2008 , 1, 370-8	6.4	38
95	Neuroimmune crosstalk in the pathophysiology of hypertension. <i>Nature Reviews Cardiology</i> , 2019 , 16, 476-490	14.8	34
94	Contemporary genetic testing in inherited cardiac disease: tools, ethical issues, and clinical applications. <i>Journal of Cardiovascular Medicine</i> , 2018 , 19, 1-11	1.9	33
93	Modifier genes for sudden cardiac death. <i>European Heart Journal</i> , 2018 , 39, 3925-3931	9.5	31
92	Multiscale complexity analysis of the cardiac control identifies asymptomatic and symptomatic patients in long QT syndrome type 1. <i>PLoS ONE</i> , 2014 , 9, e93808	3.7	29
91	Torsades de pointes following acute myocardial infarction: evidence for a deadly link with a common genetic variant. <i>Heart Rhythm</i> , 2012 , 9, 1104-12	6.7	29
90	A KCNH2 branch point mutation causing aberrant splicing contributes to an explanation of genotype-negative long QT syndrome. <i>Heart Rhythm</i> , 2009 , 6, 212-8	6.7	29
89	Transethnic Genome-Wide Association Study Provides Insights in the Genetic Architecture and Heritability of Long QT Syndrome. <i>Circulation</i> , 2020 , 142, 324-338	16.7	27
88	Prevalence of cardiac amyloidosis among adult patients referred to tertiary centres with an initial diagnosis of hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , 2020 , 300, 191-195	3.2	27
87	Propranolol prevents life-threatening arrhythmias in LQT3 transgenic mice: implications for the clinical management of LQT3 patients. <i>Heart Rhythm</i> , 2014 , 11, 126-32	6.7	26
86	A comprehensive electrocardiographic, molecular, and echocardiographic study of Brugada syndrome: validation of the 2013 diagnostic criteria. <i>Heart Rhythm</i> , 2014 , 11, 1176-83	6.7	25
85	Mutation analysis of the phospholamban gene in 315 South Africans with dilated, hypertrophic, peripartum and arrhythmogenic right ventricular cardiomyopathies. <i>Scientific Reports</i> , 2016 , 6, 22235	4.9	23
84	The genetics underlying idiopathic ventricular fibrillation: A special role for catecholaminergic polymorphic ventricular tachycardia?. <i>International Journal of Cardiology</i> , 2018 , 250, 139-145	3.2	22
83	Mutation-specific risk in two genetic forms of type 3 long QT syndrome. <i>American Journal of Cardiology</i> , 2010 , 105, 210-3	3	22
82	The KCNH2-IVS9-28A/G mutation causes aberrant isoform expression and hERG trafficking defect in cardiomyocytes derived from patients affected by Long QT Syndrome type 2. <i>International Journal of Cardiology</i> , 2017 , 240, 367-371	3.2	21
81	Genetic Mosaicism in Calmodulinopathy. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, 375-385	5.2	20

80	International Triadin Knockout Syndrome Registry. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002419	5.2	20
79	Adenosine and the Cardiovascular System: The Good and the Bad. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	18
78	SCN5A mutations in 442 neonates and children: genotype-phenotype correlation and identification of higher-risk subgroups. <i>European Heart Journal</i> , 2018 , 39, 2879-2887	9.5	18
77	Genetic Modifiers for the Long-QT Syndrome: How Important Is the Role of Variants in the 3Q Untranslated Region of KCNQ1?. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 330-9		16
76	An International Multicenter Evaluation of Type 5 Long QT Syndrome: A Low Penetrant Primary Arrhythmic Condition. <i>Circulation</i> , 2020 , 141, 429-439	16.7	15
75	Ion channel diseases in children: manifestations and management. <i>Current Opinion in Cardiology</i> , 2008 , 23, 184-91	2.1	15
74	Calmodulinopathy: A Novel, Life-Threatening Clinical Entity Affecting the Young. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 175	5.4	15
73	Mutation Type and a Genetic Risk Score Associate Variably With Brugada Syndrome Phenotype in Families. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002911	5.2	13
72	The expression of the rare caveolin-3 variant T78M alters cardiac ion channels function and membrane excitability. <i>Cardiovascular Research</i> , 2017 , 113, 1256-1265	9.9	13
71	MTMR4 SNVs modulate ion channel degradation and clinical severity in congenital long QT syndrome: insights in the mechanism of action of protective modifier genes. <i>Cardiovascular Research</i> , 2021 , 117, 767-779	9.9	13
70	Congenital short QT syndrome. <i>Indian Pacing and Electrophysiology Journal</i> , 2010 , 10, 86-95	1.5	12
69	Calmodulinopathy: Functional Effects of CALM Mutations and Their Relationship With Clinical Phenotypes. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 176	5.4	12
68	Low-Pass Filtering Approach via Empirical Mode Decomposition Improves Short-Scale Entropy-Based Complexity Estimation of QT Interval Variability in Long QT Syndrome Type 1 Patients. <i>Entropy</i> , 2014 , 16, 4839-4854	2.8	11
67	Unexplained sudden cardiac arrest in children: clinical and genetic characteristics of survivors. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320940863	3.9	11
66	Response by Crotti et al to Letter Regarding Article, "Genetic Modifiers for the Long-QT Syndrome: How Important Is the Role of Variants in the 3Q Untranslated Region of KCNQ1?". <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 581-582		10
65	Sex-Related Differences in Cardiac Channelopathies: Implications for Clinical Practice. <i>Circulation</i> , 2021 , 143, 739-752	16.7	10
64	The role of genetics in primary ventricular fibrillation, inherited channelopathies and cardiomyopathies. <i>International Journal of Cardiology</i> , 2017 , 237, 45-48	3.2	8
63	Exercise Training-Induced Repolarization Abnormalities Masquerading as Congenital Long QT Syndrome. <i>Circulation</i> , 2020 , 142, 2405-2415	16.7	8

62	Cadherin 2-Related Arrhythmogenic Cardiomyopathy: Prevalence and Clinical Features. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003097	5.2	8
61	Novel Perspectives in Redox Biology and Pathophysiology of Failing Myocytes: Modulation of the Intramyocardial Redox Milieu for Therapeutic Interventions-A Review Article from the Working Group of Cardiac Cell Biology, Italian Society of Cardiology. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 6353-69	6.7	8
60	NOS1AP polymorphisms reduce NOS1 activity and interact with prolonged repolarization in arrhythmogenesis. <i>Cardiovascular Research</i> , 2021 , 117, 472-483	9.9	8
59	Physical Inactivity Is a Risk Factor for Primary Ventricular Fibrillation. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2117-2118	15.1	7
58	Heritable arrhythmias associated with abnormal function of cardiac potassium channels. <i>Cardiovascular Research</i> , 2020 , 116, 1542-1556	9.9	7
57	Cardiac arrhythmias of genetic origin are important contributors to sudden infant death syndrome. <i>Heart Rhythm</i> , 2007 , 4, 740-2	6.7	7
56	COVID-19 pandemic and inherited cardiomyopathies and channelopathies: a short term and long term perspective. <i>Orphanet Journal of Rare Diseases</i> , 2020 , 15, 157	4.2	6
55	Genetic predisposition to sudden cardiac death. <i>Current Opinion in Cardiology</i> , 2011 , 26, 46-50	2.1	6
54	Sequential Defects in Cardiac Lineage Commitment and Maturation Cause Hypoplastic Left Heart Syndrome. <i>Circulation</i> , 2021 , 144, 1409-1428	16.7	6
53	A national survey on prevalence of possible echocardiographic red flags of amyloid cardiomyopathy in consecutive patients undergoing routine echocardiography: study design and patients characterization-the first insight from the AC-TIVE Study. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	6
52	Abnormal myocardial expression of SAP97 is associated with arrhythmogenic risk. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H1357-H1370	5.2	5
51	Generation of the human induced pluripotent stem cell (hiPSC) line PSMi003-A from a patient affected by an autosomal recessive form of Long QT Syndrome type 1. <i>Stem Cell Research</i> , 2018 , 29, 170-173	16.6	5
50	The Role of the Cardiac Sodium Channel in Perinatal Early Infant Mortality. <i>Cardiac Electrophysiology Clinics</i> , 2014 , 6, 749-759	1.4	5
49	Brugada syndrome and syncope: a practical approach for diagnosis and treatment. <i>Europace</i> , 2021 , 23, 996-1002	3.9	5
48	Novel Basic Science Insights to Improve the Management of Heart Failure: Review of the Working Group on Cellular and Molecular Biology of the Heart of the Italian Society of Cardiology. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
47	Sudden Cardiac Death in Children Affected by Cardiomyopathies: An Update on Risk Factors and Indications at Transvenous or Subcutaneous Implantable Defibrillators. <i>Frontiers in Pediatrics</i> , 2020 , 8, 139	3.4	4
46	Reply to the Editor--Propranolol prevents life-threatening arrhythmias in LQT3 transgenic mice: implications for the clinical management of LQT3 patients. <i>Heart Rhythm</i> , 2014 , 11, e1-2	6.7	4
45	A Refined Multiscale Self-Entropy Approach for the Assessment of Cardiac Control Complexity: Application to Long QT Syndrome Type 1 Patients. <i>Entropy</i> , 2015 , 17, 7768-7785	2.8	4

44	Refined multiscale entropy analysis of heart period and QT interval variabilities in long QT syndrome type-1 patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2013-2013</i> , 5554-7	0.9	4
43	Risk factors for primary ventricular fibrillation during a first myocardial infarction: Clinical findings from PREDESTINATION (PRimary vEntricular fibrillation and suDden dEath during firST myocardial INfArcTION). <i>International Journal of Cardiology</i> , 2020 , 302, 164-170	3.2	4
42	Mutation location and IKs regulation in the arrhythmic risk of long QT syndrome type 1: the importance of the KCNQ1 S6 region. <i>European Heart Journal</i> , 2021 , 42, 4743-4755	9.5	4
41	Pleiotropic mutations in ion channels: what lies behind them?. <i>Heart Rhythm</i> , 2011 , 8, 56-7	6.7	3
40	AB1-5. <i>Heart Rhythm</i> , 2006 , 3, S2	6.7	3
39	Long and Short QT Syndromes 2014 , 935-946		3
38	Generation of the human induced pluripotent stem cell (hiPSC) line PSMi006-A from a patient affected by an autosomal recessive form of long QT syndrome type 1. <i>Stem Cell Research</i> , 2020 , 42, 101658	1.6	3
37	Generation of the human induced pluripotent stem cell (hiPSC) line PSMi002-A from a patient affected by the Jervell and Lange-Nielsen syndrome and carrier of two compound heterozygous mutations on the KCNQ1 gene. <i>Stem Cell Research</i> , 2018 , 29, 157-161	1.6	2
36	Long and Short QT Syndromes 2018 , 893-904		2
35	Generation of two human induced pluripotent stem cell (hiPSC) lines from a long QT syndrome South African founder population. <i>Stem Cell Research</i> , 2019 , 39, 101510	1.6	2
34	Idiopathic Ventricular Fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 1999 , 3, 198-201		2
33	Left Cardiac Sympathetic Denervation for Long QT Syndrome: 50 Years Experience Provides Guidance for Management.. <i>JACC: Clinical Electrophysiology</i> , 2022 , 8, 281-294	4.6	2
32	PREDESTINATION: PRimary vEntricular fibrillation and suDden dEath during a firST myocardial INfArcTION: Genetic Basis. <i>Contributions To Statistics</i> , 2013 , 85-96	0.1	2
31	Importance of Dedicated Units for the Management of Patients With Inherited Arrhythmia Syndromes. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003313	5.2	2
30	Response to Letters Regarding Article, "Clinical Management of Catecholaminergic Polymorphic Ventricular Tachycardia: The Role of Left Cardiac Sympathetic Denervation". <i>Circulation</i> , 2016 , 133, e366-7	16.7	2
29	Infanticide vs. inherited cardiac arrhythmias. <i>Europace</i> , 2021 , 23, 441-450	3.9	2
28	Gene symbol: KCNQ1. <i>Human Genetics</i> , 2007 , 120, 912	6.3	2
27	Generation of the human induced pluripotent stem cell (hiPSC) line PSMi005-A from a patient carrying the KCNQ1-R190W mutation. <i>Stem Cell Research</i> , 2019 , 37, 101437	1.6	1

26	Generation of the human induced pluripotent stem cell (hiPSC) line PSMi007-A from a Long QT Syndrome type 1 patient carrier of two common variants in the NOS1AP gene. <i>Stem Cell Research</i> , 2019 , 36, 101416	1.6	1
25	Generation of the human induced pluripotent stem cell (hiPSC) line PSMi004-A from a carrier of the KCNQ1-R594Q mutation. <i>Stem Cell Research</i> , 2019 , 37, 101431	1.6	1
24	Common presentation of rare cardiac diseases: Arrhythmias. <i>International Journal of Cardiology</i> , 2018 , 257, 351-357	3.2	1
23	Pulmonary hypertension due to a stiff left atrium: Speckle tracking equivalents of large V-waves. <i>Echocardiography</i> , 2018 , 35, 1464-1466	1.5	1
22	Time, frequency and information domain analysis of heart period and QT variability in asymptomatic long QT syndrome type 2 patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 294-7	0.9	1
21	Genetics of Adult and Fetal Forms of Long QT Syndrome. <i>Cardiac and Vascular Biology</i> , 2019 , 1-43	0.2	1
20	Abstract 12059: Incidental Findings in Cardiomyopathy and Channelopathy Genes Among 5891 Individuals Undergoing Whole-exome Sequencing. What Should be Reported?. <i>Circulation</i> , 2015 , 132,	16.7	1
19	Multiscale Complexity Analysis of Short QT Interval Variability Series Stratifies the Arrhythmic Risk of Long QT Syndrome Type 1 Patients 2018 ,		1
18	Use of hiPSC-Derived Cardiomyocytes to Rule Out Proarrhythmic Effects of Drugs: The Case of Hydroxychloroquine in COVID-19.. <i>Frontiers in Physiology</i> , 2021 , 12, 730127	4.6	0
17	Prevalence and Phenotypic Correlations of Calmodulinopathy-Causative Variants Detected in a Multicenter Molecular Autopsy Cohort of Sudden Unexplained Death Victims. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e003032	5.2	0
16	Estimating the Posttest Probability of Long QT Syndrome Diagnosis for Rare Variants. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003289	5.2	0
15	Filtering approach based on empirical mode decomposition improves the assessment of short scale complexity in long QT syndrome type 1 population. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 6171-4	0.9	
14	Inherited Cardiac Arrhythmia Syndrome: Role of Potassium Channels. <i>Cardiac Electrophysiology Clinics</i> , 2011 , 3, 113-124	1.4	
13	Specific Cardiovascular Diseases and Competitive Sports Participation: Channelopathies 2020 , 361-402		
12	Sudden Cardiac Death in Infancy: Focus on Prolonged Repolarization 2008 , 924-933		
11	Abnormal heart rate control in SCN5A-[Delta]KPQ Mice. <i>FASEB Journal</i> , 2012 , 26, 1135.4	0.9	
10	Cardiac Channelopathies and Sudden Infant Death Syndrome 2013 , 381-394		
9	Long and Short QT Syndromes. <i>Cardiac and Vascular Biology</i> , 2018 , 147-185	0.2	

8	Gene symbol: SCN5A. <i>Human Genetics</i> , 2007 , 120, 911-2	6.3
7	Gene symbol: KCNH2. <i>Human Genetics</i> , 2007 , 120, 912	6.3
6	Gene symbol: SCN5A. <i>Human Genetics</i> , 2007 , 120, 913	6.3
5	Gene symbol: KCNQ1. Disease: Long QT syndrome. <i>Human Genetics</i> , 2008 , 123, 541	6.3
4	Gene symbol: KCNH2. Disease: Long QT syndrome. <i>Human Genetics</i> , 2008 , 123, 541	6.3
3	Gene symbol: SCN5A. Disease: Brugada syndrome. <i>Human Genetics</i> , 2008 , 123, 542	6.3
2	Gene symbol: SCN5A. Disease: Brugada syndrome. <i>Human Genetics</i> , 2008 , 123, 542	6.3
1	Gene symbol: KCNQ1. Disease: Long QT syndrome. <i>Human Genetics</i> , 2008 , 123, 543	6.3