Seiko Ohno

List of Publications by Year
in descending order

165 papers	5,349 citations	101543 36 h-index	106344 65 g-index
173 all docs	173 docs citations	173 times ranked	5648 citing authors

#	Article	IF	Citations
1	School-based routine screenings of electrocardiograms for the diagnosis of long QT syndrome. Europace, 2022, 24, 1496-1503.	1.7	4
2	An International Multicenter Cohort Study on Î²-Blockers for the Treatment of Symptomatic Children With Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation, 2022, 145, 333-344.	1.6	28
3	Impact of cascade screening for catecholaminergic polymorphic ventricular tachycardia type 1. Heart, 2022, 108, 840-847.	2.9	9
4	Oral Adrenergic Agents Produced Ventricular Fibrillation and QT Prolongation in an Elderly Patient Carrying an <i>RYR2</i> Variant. International Heart Journal, 2022, 63, 398-403.	1.0	0
5	Association Between Deleterious SCN5A Variants and Ventricular Septal Defect in Young Patients With Brugada Syndrome. JACC: Clinical Electrophysiology, 2022, 8, 297-305.	3.2	1
6	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. Europace, 2022, 24, 1307-1367.	1.7	108
7	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. Heart Rhythm, 2022, 19, e1-e60.	0.7	78
8	European Heart Rhythm Association (<scp>EHRA</scp>)/Heart Rhythm Society (<scp>HRS</scp>)/Asia Pacific Heart Rhythm Society (<scp>APHRS</scp>)/Latin American Heart Rhythm Society (<scp>LAHRS</scp>) Expert Consensus Statement on the state of genetic testing for cardiac diseases. Journal of Arrhythmia, 2022, 38, 491-553.	1.2	24
9	Cytosolic Ca2+-dependent Ca2+ release activity primarily determines the ER Ca2+ level in cells expressing the CPVT-linked mutant RYR2. Journal of General Physiology, 2022, 154, .	1.9	6
10	Impact of the T-wave characteristics on distinguishing arrhythmogenic right ventricular cardiomyopathy from healthy children. International Journal of Cardiology, 2021, 323, 168-174.	1.7	5
11	OUP accepted manuscript. Europace, 2021, , .	1.7	21
12	Familial sick sinus syndrome possibly associated with novel SCN5A mutation diagnosed in pregnancy. HeartRhythm Case Reports, 2021, 7, 117-122.	0.4	3
13	Impact of Medical Castration on Malignant Arrhythmias in Patients With Prostate Cancer. Journal of the American Heart Association, 2021, 10, e017267.	3.7	11
14	Pueraria mirifica, an estrogenic tropical herb, unveiled the severity of Type 1 LQTS caused by KCNQ1â€T587M. Journal of Arrhythmia, 2021, 37, 1114-1116.	1.2	1
15	Novel electrocardiographic criteria for short QT syndrome in children and adolescents. Europace, 2021, 23, 2029-2038.	1.7	8
16	Functionally validated SCN5A variants allow interpretation of pathogenicity and prediction of lethal events in Brugada syndrome. European Heart Journal, 2021, 42, 2854-2863.	2.2	37
17	Estimating the Posttest Probability of Long QT Syndrome Diagnosis for Rare KCNH2 Variants. Circulation Genomic and Precision Medicine, 2021, 14, e003289.	3.6	10
18	Long-Read Sequence Confirmed a Large Deletion Including MYH6 and MYH7 in an Infant of Atrial Septal Defect and Atrial Arrhythmias. Circulation Genomic and Precision Medicine, 2021, 14, e003223.	3.6	2

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19	Prevalence and characteristics of the Brugada electrocardiogram pattern in patients with arrhythmogenic right ventricular cardiomyopathy. Journal of Arrhythmia, 2021, 37, 1173-1183.	1.2	4
20	Sudden death after inappropriate shocks of implantable cardioverter defibrillator in a catecholaminergic polymorphic ventricular tachycardia case with a novel RyR2 mutation. Journal of Electrocardiology, 2021, 69, 111-118.	0.9	5
21	Pandora will never regret having opened her box: reappraisal of genes associated with CPVT and SQTS. European Heart Journal, 2021, , .	2.2	1
22	Multivariate analysis of TU wave complex on electrocardiogram in Andersenâ€“Tawil syndrome with KCNJ2 mutations. Annals of Noninvasive Electrocardiology, 2020, 25, e12721.	1.1	4
23	Co-Phenotype of Left Ventricular Non-Compaction Cardiomyopathy and Atypical Catecholaminergic Polymorphic Ventricular Tachycardia in Association With R169Q, a Ryanodine Receptor Type 2 Missense Mutation. Circulation Journal, 2020, 84, 226-234.	1.6	22
24	An NGS-based genotyping in LQTS; minor genes are no longer minor. Journal of Human Genetics, 2020, 65, 1083-1091.	2.3	10
25	Cardiac Emerinopathy. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008712.	4.8	20
26	Propranolol Attenuates Late Sodium Current in a Long QT Syndrome Type 3-Human Induced Pluripotent Stem Cell Model. Frontiers in Cell and Developmental Biology, 2020, 8, 761.	3.7	9
27	Systematic Evaluation of KCNQ1 Variant Using ACMG/AMP Guidelines and Risk Stratification in Long QT Syndrome Type 1. Circulation Genomic and Precision Medicine, 2020, , .	3.6	1
28	LMNA Missense Mutation Causes Nonsense-Mediated mRNA Decay and Severe Dilated Cardiomyopathy. Circulation Genomic and Precision Medicine, 2020, 13, 435-443.	3.6	12
29	SCN5A Mutation Type and a Genetic Risk Score Associate Variably With Brugada Syndrome Phenotype in SCN5A Families. Circulation Genomic and Precision Medicine, 2020, 13, e002911.	3.6	41
30	Transethnic Genome-Wide Association Study Provides Insights in the Genetic Architecture and Heritability of Long QT Syndrome. Circulation, 2020, 142, 324-338.	1.6	83
31	High Prevalence of Late-Appearing T-Wave in Patients With Long QT Syndrome Type 8. Circulation Journal, 2020, 84, 559-568.	1.6	4
32	A significance of school screening electrocardiogram in the patients with ventricular noncompaction. Heart and Vessels, 2020, 35, 985-995.	1.2	6
33	Postoperative supraventricular tachycardia and polymorphic ventricular tachycardia due to a novel SCN5A variant: a case report of a rare comorbidity that is difficult to diagnose. BMC Cardiovascular Disorders, 2020, 20, 315.	1.7	2
34	SCN5A mutation identified in a patient with shortâ€coupled variant of torsades de pointes. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 456-461.	1.2	5
35	Copy Number Variations of SCN5A in Brugada Syndrome. Japanese Journal of Electrocardiology, 2020, 40, 5-15.	0.0	0
36	Cardiac Arrest Associated with Both an Anomalous Left Coronary Artery and KCNE1 Polymorphism. International Heart Journal, 2019, 60, 1003-1005.	1.0	1

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37	Long QT syndrome with a de novo CALM2 mutation in a 4â€yearâ€old boy. Pediatrics International, 2019, 61, 852-858.	0.5	13
38	Genetic variants of alcoholâ€metabolizing enzymes in Brugada syndrome: Insights into syncope after drinking alcohol. Journal of Arrhythmia, 2019, 35, 752-759.	1.2	5
39	Response by Sakamoto et al to Letter Regarding Article, â€œLeft-Dominant Arrhythmogenic Cardiomyopathy With Heterozygous Mutations in DSP and MYBPC3â€. Circulation: Cardiovascular Imaging, 2019, 12, e009691.	2.6	1
40	Calmodulin mutations and life-threatening cardiac arrhythmias: insights from the International Calmodulinopathy Registry. European Heart Journal, 2019, 40, 2964-2975.	2.2	116
41	A de novo gain-of-function KCND3 mutation in early repolarization syndrome. Heart Rhythm, 2019, 16, 1698-1706.	0.7	30
42	Implantable cardioverter-defibrillators in previously undiagnosed patients with catecholaminergic polymorphic ventricular tachycardia resuscitated from sudden cardiac arrest. European Heart Journal, 2019, 40, 2953-2961.	2.2	96
43	Left-Dominant Arrhythmogenic Cardiomyopathy With Heterozygous Mutations in DSP and MYBPC3. Circulation: Cardiovascular Imaging, 2019, 12, e008913.	2.6	6
44	Optical Recording of Action Potentials in Human Induced Pluripotent Stem Cell-Derived Cardiac Single Cells and Monolayers Generated from Long QT Syndrome Type 1 Patients. Stem Cells International, 2019, 2019, 1-12.	2.5	23
45	Association of Genetic and Clinical Aspects of Congenital Long QT Syndrome With Life-Threatening Arrhythmias in Japanese Patients. JAMA Cardiology, 2019, 4, 246.	6.1	19
46	Case reports of a c.475G>T, p.E159* lamin A/C mutation with a family history of conduction disorder, dilated cardiomyopathy and sudden cardiac death. BMC Cardiovascular Disorders, 2019, 19, 298.	1.7	8
47	Novel roles of Drosophila FUS and Aub responsible for piRNA biogenesis in neuronal disorders. Brain Research, 2019, 1708, 207-219.	2.2	18
48	Identification of a novel exon3 deletion of RYR2 in a family with catecholaminergic polymorphic ventricular tachycardia. Annals of Noninvasive Electrocardiology, 2019, 24, e12623.	1.1	12
49	Dynamic QT Changes in Long QT Syndrome Type 8. Circulation Journal, 2019, 83, 1614.	1.6	5
50	Medical Castration is a Rare but Possible Trigger of Torsade de Pointes and Ventricular Fibrillation. International Heart Journal, 2019, 60, 193-198.	1.0	7
51	Population pharmacokinetics and pharmacogenomics of apixaban in Japanese adult patients with atrial fibrillation. British Journal of Clinical Pharmacology, 2018, 84, 1301-1312.	2.4	33
52	Three cases of catecholaminergic polymorphic ventricular tachycardia with prolonged QT intervals including two cases of compound mutations. Journal of Arrhythmia, 2018, 34, 291-293.	1.2	6
53	A hERG mutation E1039X produced a synergistic lesion on IKs together with KCNQ1-R174C mutation in a LQTS family with three compound mutations. Scientific Reports, 2018, 8, 3129.	3.3	2
54	A challenge for mutation specific risk stratification in long QT syndrome type 1. Journal of Cardiology, 2018, 72, 56-65.	1.9	6

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55	Investigation on the optimal implantation site and setting of Reveal LINQÂ® avoiding interference with performance of transthoracic echocardiography. Journal of Arrhythmia, 2018, 34, 261-266.	1.2	3
56	Copy number variations of SCN5A in Brugada syndrome. Heart Rhythm, 2018, 15, 1179-1188.	0.7	28
57	Novel intracellular transport-refractory mutations in KCNH2 identified in patients with symptomatic long QT syndrome. Journal of Cardiology, 2018, 71, 401-408.	1.9	3
58	Macro-pro-B-type natriuretic peptide (proBNP) and hidden macro-N-terminal proBNP: Case report. Clinical Biochemistry, 2018, 52, 148-152.	1.9	1
59	Home blood pressure variability and subclinical atherosclerosis in multiple vascular beds. Journal of Hypertension, 2018, 36, 2193-2203.	0.5	28
60	Prediagnostic electrocardiographic and echocardiographic findings of biopsyâ€proven hypertrophic cardiomyopathy. Journal of Arrhythmia, 2018, 34, 643-646.	1.2	3
61	A tryptophan residue in the caffeine-binding site of the ryanodine receptor regulates Ca2+ sensitivity. Communications Biology, 2018, 1, 98.	4.4	41
62	Sexâ€Dependent Phenotypic Variability of an SCN5A Mutation: Brugada Syndrome and Sick Sinus Syndrome. Journal of the American Heart Association, 2018, 7, e009387.	3.7	15
63	Catecholaminergic polymorphic ventricular tachycardia managed as orthostatic dysregulation and epilepsy in 11â€•and 15â€yearâ€old sisters. Pediatrics International, 2018, 60, 998-1001.	0.5	3
64	Complex aberrant splicing in the induced pluripotent stem cellâ€“derived cardiomyocytes from a patient with long QT syndrome carrying KCNQ1-A344Aspl mutation. Heart Rhythm, 2018, 15, 1566-1574.	0.7	27
65	Bradycardia Is a Specific Phenotype of Catecholaminergic Polymorphic Ventricular Tachycardia Induced by <i>RYR2</i> Mutations. Internal Medicine, 2018, 57, 1813-1817.	0.7	17
66	Differential Diagnosis Between Catecholaminergic Polymorphic Ventricular Tachycardia and Long QT Syndrome Type 1ã€€â€• Modified Schwartz Score â€•. Circulation Journal, 2018, 82, 2269-2276.	1.6	19
67	A novel CACNA1C mutation identified in a patient with Timothy syndrome without syndactyly exerts both marked loss- and gain-of-function effects. HeartRhythm Case Reports, 2018, 4, 273-277.	0.4	18
68	Association of zygotic piRNAs derived from paternal P elements with hybrid dysgenesis in Drosophila melanogaster. Mobile DNA, 2018, 9, 7.	3.6	2
69	Autonomic Function and QT Interval During Night-Time Sleep in Infant Long QT Syndrome. Circulation Journal, 2018, 82, 2152-2159.	1.6	6
70	Clinical Manifestations and Long-Term Mortality in <i>Lamin A/C</i> Mutation Carriers From a Japanese Multicenter Registry. Circulation Journal, 2018, 82, 2707-2714.	1.6	24
71	Electrical storm in an infant with short-coupled variant of torsade de pointes. Journal of Arrhythmia, 2018, 34, 315-318.	1.2	0
72	Molecular Genetics of ERS. , 2018, , 23-31.		0

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73	Population pharmacokinetics and pharmacodynamics of apixaban in Japanese patients with atrial fibrillation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-11-21.	0.0	0
74	Molecular Basis of Ca²⁺ Binding to the Ryanodine Receptor for Channel Activation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-3-49.	0.0	0
75	Quantitative analysis ofPKP2and neighbouring genes in a patient with arrhythmogenic right ventricular cardiomyopathy caused by heterozygousPKP2deletion. Europace, 2017, 19, euw038.	1.7	10
76	Sick sinus syndrome with HCN4 mutations shows early onset and frequent association with atrial fibrillation and left ventricular noncompaction. Heart Rhythm, 2017, 14, 717-724.	0.7	43
77	Heart failure in patients with arrhythmogenic right ventricular cardiomyopathy: What are the risk factors?. International Journal of Cardiology, 2017, 241, 288-294.	1.7	17
78	Allele-specific ablation rescues electrophysiological abnormalities in a human iPS cell model of long-QT syndrome with a CALM2 mutation. Human Molecular Genetics, 2017, 26, 1670-1677.	2.9	79
79	Genotype-Phenotype Correlation of SCN5A Mutation for the Clinical and Electrocardiographic Characteristics of Probands With Brugada Syndrome. Circulation, 2017, 135, 2255-2270.	1.6	142
80	Flecainide ameliorates arrhythmogenicity through NCX flux in Andersen-Tawil syndrome-iPS cell-derived cardiomyocytes. Biochemistry and Biophysics Reports, 2017, 9, 245-256.	1.3	32
81	Arrhythmia risk and Î²-blocker therapy in pregnant women with long QT syndrome. Heart, 2017, 103, 1374-1379.	2.9	45
82	Elimination of Ventricular Arrhythmia in Catecholaminergic Polymorphic Ventricular Tachycardia by Targeting â€œCatecholamineâ€Sensitive Areaâ€: A Dominantâ€Subordinate Relationship between Origin Sites of Bidirectional Ventricular Premature Contractions. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 600-604.	1.2	12
83	A type 2 ryanodine receptor variant associated with reduced Ca2+ release and short-coupled torsades de pointes ventricular arrhythmia. Heart Rhythm, 2017, 14, 98-107.	0.7	69
84	Unique genetic background and outcome of nonâ€Caucasian Japanese probands with arrhythmogenic right ventricular dysplasia/cardiomyopathy. Molecular Genetics & Genomic Medicine, 2017, 5, 639-651.	1.2	14
85	Gene-Based Risk Stratification for Cardiac Disorders in LMNA Mutation Carriers. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	51
86	Progressive Atrial Conduction Defects Associated With Bone Malformation Caused by a Connexin-45 Mutation. Journal of the American College of Cardiology, 2017, 70, 358-370.	2.8	27
87	Contribution of a KCNH2 variant in genotyped long QT syndrome: Romanoâ€“Ward syndrome under double mutations and acquired long QT syndrome under heterozygote. Journal of Cardiology, 2017, 70, 74-79.	1.9	8
88	Cardiac conduction defects and Brugada syndrome: A family with overlap syndrome carrying a nonsense SCN5A mutation. Journal of Arrhythmia, 2017, 33, 35-39.	1.2	6
89	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.	1.6	25
90	How Should We Treat School-Aged Children With Borderline QT Prolongation?. Circulation Journal, 2017, 81, 640-641.	1.6	0

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91	Refractory ventricular fibrillations after surgical repair of atrial septal defects in a patient with CACNA1C gene mutation - case report. Journal of Cardiothoracic Surgery, 2017, 12, 118.	1.1	3
92	Diversity of P-element piRNA production among M' and Q strains and its association with P-M hybrid dysgenesis in Drosophila melanogaster. Mobile DNA, 2017, 8, 13.	3.6	9
93	A Japanese Family with Long QT Syndrome: Distinct Genetic and Phenotypic Features in Children of Asymptomatic Parents with SCN5A and KCNQ1 Mutations. Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery, 2017, 33, 431-437.	0.0	1
94	Patient-Specific Human Induced Pluripotent Stem Cell Model Assessed with Electrical Pacing Validates S107 as a Potential Therapeutic Agent for Catecholaminergic Polymorphic Ventricular Tachycardia. PLoS ONE, 2016, 11, e0164795.	2.5	55
95	Inherited catecholaminergic polymorphic ventricular tachycardia due to RYR2 mutation. Pediatrics International, 2016, 58, 512-515.	0.5	0
96	Fetal arrhythmogenic right ventricular cardiomyopathy with double mutations in TMEM43. Pediatrics International, 2016, 58, 409-411.	0.5	10
97	Multigenerational Inheritance of Long QT Syndrome Type 2 in a Japanese Family. Internal Medicine, 2016, 55, 259-262.	0.7	1
98	The genetic background of arrhythmogenic right ventricular cardiomyopathy. Journal of Arrhythmia, 2016, 32, 398-403.	1.2	58
99	Early repolarization and risk of arrhythmia events in long QT syndrome. International Journal of Cardiology, 2016, 223, 540-542.	1.7	6
100	Pediatric Cohort With Long QT Syndromeã€€â€“ <i>KCNH2</i> Mutation Carriers Present Late Onset But Severe Symptoms â€“. Circulation Journal, 2016, 80, 696-702.	1.6	11
101	Catecholaminergic Polymorphic Ventricular Tachycardia (CPVT) Associated With Ryanodine Receptor (RyR2) Gene Mutationsã€€â€“ Long-Term Prognosis After Initiation of Medical Treatment â€“. Circulation Journal, 2016, 80, 1907-1915.	1.6	35
102	Phenotypic Variability of <i>ANK2</i> Mutations in Patients With Inherited Primary Arrhythmia Syndromes. Circulation Journal, 2016, 80, 2435-2442.	1.6	18
103	Variants in the SCN5A Promoter Associated With Various Arrhythmia Phenotypes. Journal of the American Heart Association, 2016, 5, .	3.7	22
104	NovelSCN10Avariants associated with Brugada syndrome. Europace, 2016, 18, 905-911.	1.7	31
105	High Frequency of Early Repolarization and Brugada-Type Electrocardiograms in Hypercalcemia. , 2016, 21, 30-40.		18
106	The genetics underlying acquired long QT syndrome: impact for genetic screening. European Heart Journal, 2016, 37, 1456-1464.	2.2	164
107	LMNA cardiomyopathy detected in Japanese arrhythmogenic right ventricular cardiomyopathy cohort. Journal of Cardiology, 2016, 68, 346-351.	1.9	22
108	Cardiac sodium channel mutation associated with epinephrine-induced QT prolongation and sinus node dysfunction. Heart Rhythm, 2016, 13, 289-298.	0.7	22

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109	Genetic Basis of Early Repolarization Syndrome. , 2016, , 77-90.		0
110	A Common Mutation of Long QT Syndrome Type 1 in Japan. Circulation Journal, 2015, 79, 2026-2030.	1.6	14
111	Gender Differences in the Inheritance Mode of RYR2 Mutations in Catecholaminergic Polymorphic Ventricular Tachycardia Patients. PLoS ONE, 2015, 10, e0131517.	2.5	30
112	Efficacy and safety of flecainide for ventricular arrhythmias in patients with Andersen-Tawil syndrome with KCNJ2 mutations. Heart Rhythm, 2015, 12, 596-603.	0.7	44
113	Author reply. Europace, 2014, 16, 1864-1865.	1.7	0
114	Exon 3 deletion of RYR2 encoding cardiac ryanodine receptor is associated with left ventricular non-compaction. Europace, 2014, 16, 1646-1654.	1.7	84
115	Brugada syndrome in spinal and bulbar muscular atrophy. Neurology, 2014, 82, 1813-1821.	1.1	44
116	Gainâ€ofâ€Function KCNH2 Mutations in Patients with Brugada Syndrome. Journal of Cardiovascular Electrophysiology, 2014, 25, 522-530.	1.7	36
117	Circadian pattern of fibrillatory events in nonâ€“Brugada-type idiopathic ventricular fibrillation with a focus on J waves. Heart Rhythm, 2014, 11, 2261-2266.	0.7	19
118	A KCNQ1 mutation contributes to the concealed type 1 long QT phenotype by limiting the Kv7.1 channel conformational changes associated with protein kinase A phosphorylation. Heart Rhythm, 2014, 11, 459-468.	0.7	22
119	Nonsense-mediated mRNA decay due to a CACNA1C splicing mutation in a patient with Brugada syndrome. Heart Rhythm, 2014, 11, 629-634.	0.7	26
120	A rare KCNE1 polymorphism, D85N, as a genetic modifier of long QT syndrome. Journal of Arrhythmia, 2014, 30, 161-166.	1.2	2
121	A novel KCNQ1 missense mutation identified in a patient with juvenile-onset atrial fibrillation causes constitutively open IKs channels. Heart Rhythm, 2014, 11, 67-75.	0.7	33
122	A Molecular Mechanism for Adrenergic-Induced Long QT Syndrome. Journal of the American College of Cardiology, 2014, 63, 819-827.	2.8	37
123	Cardiac Channelopathies Associated with Infantile Fatal Ventricular Arrhythmias: From the Cradle to the Bench. Journal of Cardiovascular Electrophysiology, 2014, 25, 66-73.	1.7	27
124	Long QT syndrome type 8: novel CACNA1C mutations causing QT prolongation and variant phenotypes. Europace, 2014, 16, 1828-1837.	1.7	81
125	Abstract 11990: LMNA Cardiomyopathy Mimicking Arrhythmogenic Right Ventricular Cardiomyopathy. Circulation, 2014, 130, .	1.6	1
126	Common variants at SCN5A-SCN10A and HEY2 are associated with Brugada syndrome, a rare disease with high risk of sudden cardiac death. Nature Genetics, 2013, 45, 1044-1049.	21.4	467

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127	Genetic basis of Brugada syndrome. Journal of Arrhythmia, 2013, 29, 71-76.	1.2	5
128	Flecainide reduces ventricular arrhythmias via a mechanism that differs from that of Î²â€blockers in catecholaminergic polymorphic ventricular tachycardia. Journal of Arrhythmia, 2013, 29, 255-260.	1.2	3
129	Malignant Long QT Syndrome KCNQ1 Mutations in the Pore Disrupt the Molecular Basis for Rapid K+ Permeation. Biophysical Journal, 2013, 104, 268a.	0.5	0
130	Genetic screening of KCNJ8 in Japanese patients with Jâ€wave syndromes or idiopathic ventricular fibrillation. Journal of Arrhythmia, 2013, 29, 261-264.	1.2	3
131	A Nonsynonymous Polymorphism in Semaphorin 3A as a Risk Factor for Human Unexplained Cardiac Arrest with Documented Ventricular Fibrillation. PLoS Genetics, 2013, 9, e1003364.	3.5	32
132	Pharmacological correction of long QT-linked mutations inKCNH2(hERG) increases the trafficking of Kv11.1 channels stored in the transitional endoplasmic reticulum. American Journal of Physiology - Cell Physiology, 2013, 305, C919-C930.	4.6	31
133	Identification of a KCNQ1 Polymorphism Acting as a Protective Modifier Against Arrhythmic Risk in Long-QT Syndrome. Circulation: Cardiovascular Genetics, 2013, 6, 354-361.	5.1	69
134	Age-Dependent Clinical and Genetic Characteristics in Japanese Patients With Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia. Circulation Journal, 2013, 77, 1534-1542.	1.6	37
135	Ultrastructural Maturation of Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes in a Long-Term Culture. Circulation Journal, 2013, 77, 1307-1314.	1.6	258
136	L-Type Calcium Channel Mutations in Japanese Patients With Inherited Arrhythmias. Circulation Journal, 2013, 77, 1799-1806.	1.6	39
137	Genetic Background of Catecholaminergic Polymorphic Ventricular Tachycardia in Japan. Circulation Journal, 2013, 77, 1705-1713.	1.6	60
138	Novel <i>SCN3B</i> Mutation Associated With Brugada Syndrome Affects Intracellular Trafficking and Function of Nav1.5. Circulation Journal, 2013, 77, 959-967.	1.6	70
139	Phenotype Variability in Patients Carrying KCNJ2 Mutations. Circulation: Cardiovascular Genetics, 2012, 5, 344-353.	5.1	83
140	A novel gain-of-function KCNJ2 mutation associated with short-QT syndrome impairs inward rectification of Kir2.1 currents. Cardiovascular Research, 2012, 93, 666-673.	3.8	75
141	KCNE3 T4A as the Genetic Basis of Brugada-Pattern Electrocardiogram. Circulation Journal, 2012, 76, 2763-2772.	1.6	32
142	Sarcoidosis Complicated with Major Pulmonary Artery Obstruction and Stenosis. Internal Medicine, 2012, 51, 2775-2780.	0.7	16
143	High-Risk Long QT Syndrome Mutations in the Kv7.1 (KCNQ1) Pore Disrupt the Molecular Basis for Rapid K⁺ Permeation. Biochemistry, 2012, 51, 9076-9085.	2.5	17
144	Drug-induced QT-interval prolongation and recurrent torsade de pointes in a child with heterotaxy syndrome and KCNE1 D85N polymorphism. Journal of Electrocardiology, 2012, 45, 770-773.	0.9	9

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145	Carvedilol, a Nonâ€Selective Î²â€with Î±1â€Blocker is Effective in Long QT Syndrome Type 2. Journal of Arrhythmia, 2011, 27, 324-331.	1.2	0
146	Identification and functional characterization of KCNQ1 mutations around the exon 7â€“intron 7 junction affecting the splicing process. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1452-1459.	3.8	23
147	KCNE5 (KCNE1L) Variants Are Novel Modulators of Brugada Syndrome and Idiopathic Ventricular Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 352-361.	4.8	118
148	A Novel KCNJ2 Nonsense Mutation, S369X, Impedes Trafficking and Causes a Limited Form of Andersen-Tawil Syndrome. Circulation: Cardiovascular Genetics, 2011, 4, 253-260.	5.1	15
149	Atrioventricular Block-Induced Torsades de Pointes With Clinical and Molecular Backgrounds Similar to Congenital Long QT Syndrome. Circulation Journal, 2010, 74, 2562-2571.	1.6	21
150	Heart rate-dependent variability of cardiac events in type 2 congenital long-QT syndrome. Europace, 2010, 12, 1623-1629.	1.7	2
151	KCNE2 modulation of Kv4.3 current and its potential role in fatal rhythm disorders. Heart Rhythm, 2010, 7, 199-205.	0.7	26
152	Long QT syndrome with compound mutations is associated with a more severe phenotype: A Japanese multicenter study. Heart Rhythm, 2010, 7, 1411-1418.	0.7	103
153	Latent Genetic Backgrounds and Molecular Pathogenesis in Drug-Induced Long-QT Syndrome. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 511-523.	4.8	102
154	NovelKCNE3mutation reduces repolarizing potassium current and associated with long QT syndrome. Human Mutation, 2009, 30, 557-563.	2.5	31
155	D85N, a KCNE1 Polymorphism, Is a Disease-Causing Gene Variant in Long QT Syndrome. Journal of the American College of Cardiology, 2009, 54, 812-819.	2.8	145
156	Ageâ€and Genotypeâ€Specific Triggers for Lifeâ€Threatening Arrhythmia in the Genotyped Long QT Syndrome. Journal of Cardiovascular Electrophysiology, 2008, 19, 794-799.	1.7	31
157	A Novel SCN5A Gain-of-Function Mutation M1875T Associated With Familial Atrial Fibrillation. Journal of the American College of Cardiology, 2008, 52, 1326-1334.	2.8	181
158	A Novel Mutation Associated With Jervell and Lange-Nielsen Syndrome in a Japanese Family. Circulation Journal, 2008, 72, 687-693.	1.6	6
159	Mutation Analysis of the Glycerol-3 Phosphate Dehydrogenase-1 Like (GPD1L) Gene in Japanese Patients With Brugada Syndrome. Circulation Journal, 2008, 72, 1705-1706.	1.6	33
160	Mutation Site Dependent Variability of Cardiac Events in Japanese LQT2 Form of Congenital Long-QT Syndrome. Circulation Journal, 2008, 72, 694-699.	1.6	28
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