# Seiko Ohno

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | Ultrastructural Maturation of Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes in a Long-Term Culture. Circulation Journal, 2013, 77, 1307-1314. | 1.6 | 258 |
| 3 | 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 |
| 4 | The genetics underlying acquired long QT syndrome: impact for genetic screening. European Heart Journal, 2016, 37, 1456-1464. | 2.2 | 164 |
| 5 | 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 |
| 6 | 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 |
| 7 | High Risk for Bradyarrhythmic Complications in Patients With Brugada Syndrome Caused by SCN5AGene Mutations. Journal of the American College of Cardiology, 2005, 46, 2100-2106. | 2.8 | 131 |
| 8 | Mutation site-specific differences in arrhythmic risk and sensitivity to sympathetic stimulation in the LQT1 form of congenital long QT syndrome. Journal of the American College of Cardiology, 2004, 44, 117-125. | 2.8 | 130 |
| 9 | KCNE5 ( KCNE1L ) Variants Are Novel Modulators of Brugada Syndrome and Idiopathic Ventricular Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 352-361. | 4.8 | 118 |
| 10 | Calmodulin mutations and life-threatening cardiac arrhythmias: insights from the International Calmodulinopathy Registry. European Heart Journal, 2019, 40, 2964-2975. | 2.2 | 116 |
| 11 | 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 |
| 12 | 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 |
| 13 | Latent Genetic Backgrounds and Molecular Pathogenesis in Drug-Induced Long-QT Syndrome. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 511-523. | 4.8 | 102 |
| 14 | 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 |
| 15 | Exon 3 deletion of RYR2 encoding cardiac ryanodine receptor is associated with left ventricular non-compaction. Europace, 2014, 16, 1646-1654. | 1.7 | 84 |
| 16 | Phenotype Variability in Patients Carrying KCNJ2 Mutations. Circulation: Cardiovascular Genetics, 2012, 5, 344-353. | 5.1 | 83 |
| 17 | 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 |
| 18 | Long QT syndrome type 8: novel CACNA1C mutations causing QT prolongation and variant phenotypes. Europace, 2014, 16, 1828-1837. | 1.7 | 81 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Genetic Background of Catecholaminergic Polymorphic Ventricular Tachycardia in Japan. Circulation Journal, 2013, 77, 1705-1713. | 1.6 | 60 |
| 26 | The genetic background of arrhythmogenic right ventricular cardiomyopathy. Journal of Arrhythmia, 2016, 32, 398-403. | 1.2 | 58 |
| 27 | 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 |
| 28 | Gene-Based Risk Stratification for Cardiac Disorders in LMNA Mutation Carriers. Circulation: Cardiovascular Genetics, 2017, 10, . | 5.1 | 51 |
| 29 | Arrhythmia risk and Î²-blocker therapy in pregnant women with long QT syndrome. Heart, 2017, 103, 1374-1379. | 2.9 | 45 |
| 30 | Brugada syndrome in spinal and bulbar muscular atrophy. Neurology, 2014, 82, 1813-1821. | 1.1 | 44 |
| 31 | 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 |
| 32 | 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 |
| 33 | N- and C-terminal KCNE1 mutations cause distinct phenotypes of long QT syndrome. Heart Rhythm, 2007, 4, 332-340. | 0.7 | 41 |
| 34 | A tryptophan residue in the caffeine-binding site of the ryanodine receptor regulates Ca2+ sensitivity. Communications Biology, 2018, 1, 98. | 4.4 | 41 |
| 35 | 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 |
| 36 | L-Type Calcium Channel Mutations in Japanese Patients With Inherited Arrhythmias. Circulation Journal, 2013, 77, 1799-1806. | 1.6 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Age-Dependent Clinical and Genetic Characteristics in Japanese Patients With Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia. Circulation Journal, 2013, 77, 1534-1542. | 1.6 | 37 |
| 38 | A Molecular Mechanism for Adrenergic-Induced Long QT Syndrome. Journal of the American College of Cardiology, 2014, 63, 819-827. | 2.8 | 37 |
| 39 | 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 |
| 40 | Gainâ€ofâ€Function KCNH2 Mutations in Patients with Brugada Syndrome. Journal of Cardiovascular Electrophysiology, 2014, 25, 522-530. | 1.7 | 36 |
| 41 | Catecholaminergic Polymorphic Ventricular Tachycardia (CPVT) Associated With Ryanodine Receptor (RyR2) Gene Mutationsâ€€â€“ Long-Term Prognosis After Initiation of Medical Treatment â€“. Circulation Journal, 2016, 80, 1907-1915. | 1.6 | 35 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | KCNE3 T4A as the Genetic Basis of Brugada-Pattern Electrocardiogram. Circulation Journal, 2012, 76, 2763-2772. | 1.6 | 32 |
| 46 | 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 |
| 47 | 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 |
| 48 | Additional Gene Variants Reduce Effectiveness of Beta-Blockers in the LQT1 Form of Long QT Syndrome. Journal of Cardiovascular Electrophysiology, 2004, 15, 190-199. | 1.7 | 31 |
| 49 | Mechanistic basis for the pathogenesis of long QT syndrome associated with a common splicing mutation in KCNQ1 gene. Journal of Molecular and Cellular Cardiology, 2007, 42, 662-669. | 1.9 | 31 |
| 50 | 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 |
| 51 | NovelKCNE3mutation reduces repolarizing potassium current and associated with long QT syndrome. Human Mutation, 2009, 30, 557-563. | 2.5 | 31 |
| 52 | 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 |
| 53 | NovelSCN10Avariants associated with Brugada syndrome. Europace, 2016, 18, 905-911. | 1.7 | 31 |
| 54 | Gender Differences in the Inheritance Mode of RYR2 Mutations in Catecholaminergic Polymorphic Ventricular Tachycardia Patients. PLoS ONE, 2015, 10, e0131517. | 2.5 | 30 |

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|---|---|---|---|
| 55 | A de novo gain-of-function KCND3 mutation in early repolarization syndrome. Heart Rhythm, 2019, 16, 1698-1706. | 0.7 | 30 |
| 56 | 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 |
| 57 | Copy number variations of SCN5A in Brugada syndrome. Heart Rhythm, 2018, 15, 1179-1188. | 0.7 | 28 |
| 58 | Home blood pressure variability and subclinical atherosclerosis in multiple vascular beds. Journal of Hypertension, 2018, 36, 2193-2203. | 0.5 | 28 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | KCNE2 modulation of Kv4.3 current and its potential role in fatal rhythm disorders. Heart Rhythm, 2010, 7, 199-205. | 0.7 | 26 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | Variants in the SCN5A Promoter Associated With Various Arrhythmia Phenotypes. Journal of the American Heart Association, 2016, 5, . | 3.7 | 22 |
| 72 | LMNA cardiomyopathy detected in Japanese arrhythmogenic right ventricular cardiomyopathy cohort. Journal of Cardiology, 2016, 68, 346-351. | 1.9 | 22 |

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|---|---|---|---|
| 73 | Cardiac sodium channel mutation associated with epinephrine-induced QT prolongation and sinus node dysfunction. Heart Rhythm, 2016, 13, 289-298. | 0.7 | 22 |
| 74 | 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 |
| 75 | 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 |
| 76 | OUP accepted manuscript. Europace, 2021, , . | 1.7 | 21 |
| 77 | Cardiac Emerinopathy. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008712. | 4.8 | 20 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |
| 81 | Phenotypic Variability of <i>ANK2</i> Mutations in Patients With Inherited Primary Arrhythmia Syndromes. Circulation Journal, 2016, 80, 2435-2442. | 1.6 | 18 |
| 82 | High Frequency of Early Repolarization and Brugada-Type Electrocardiograms in Hypercalcemia. , 2016, 21, 30-40. | | 18 |
| 83 | 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 |
| 84 | Novel roles of Drosophila FUS and Aub responsible for piRNA biogenesis in neuronal disorders. Brain Research, 2019, 1708, 207-219. | 2.2 | 18 |
| 85 | High-Risk Long QT Syndrome Mutations in the Kv7.1 (KCNQ1) Pore Disrupt the Molecular Basis for Rapid K<sup>+</sup> Permeation. Biochemistry, 2012, 51, 9076-9085. | 2.5 | 17 |
| 86 | 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 |
| 87 | 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 |
| 88 | Sarcoidosis Complicated with Major Pulmonary Artery Obstruction and Stenosis. Internal Medicine, 2012, 51, 2775-2780. | 0.7 | 16 |
| 89 | 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 |
| 90 | 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 |

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|---|---|---|---|
| 91 | A Common Mutation of Long QT Syndrome Type 1 in Japan. Circulation Journal, 2015, 79, 2026-2030. | 1.6 | 14 |
| 92 | 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 |
| 93 | Long QT syndrome with a de novo CALM2 mutation in a 4â€yearâ€old boy. Pediatrics International, 2019, 61, 852-858. | 0.5 | 13 |
| 94 | 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 |
| 95 | 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 |
| 96 | LMNA Missense Mutation Causes Nonsense-Mediated mRNA Decay and Severe Dilated Cardiomyopathy. Circulation Genomic and Precision Medicine, 2020, 13, 435-443. | 3.6 | 12 |
| 97 | 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 |
| 98 | Impact of Medical Castration on Malignant Arrhythmias in Patients With Prostate Cancer. Journal of the American Heart Association, 2021, 10, e017267. | 3.7 | 11 |
| 99 | Fetal arrhythmogenic right ventricular cardiomyopathy with double mutations in TMEM43. Pediatrics International, 2016, 58, 409-411. | 0.5 | 10 |
| 100 | Quantitative analysis ofPKP2and neighbouring genes in a patient with arrhythmogenic right ventricular cardiomyopathy caused by heterozygousPKP2deletion. Europace, 2017, 19, euw038. | 1.7 | 10 |
| 101 | An NGS-based genotyping in LQTS; minor genes are no longer minor. Journal of Human Genetics, 2020, 65, 1083-1091. | 2.3 | 10 |
| 102 | Estimating the Posttest Probability of Long QT Syndrome Diagnosis for Rare KCNH2 Variants. Circulation Genomic and Precision Medicine, 2021, 14, e003289. | 3.6 | 10 |
| 103 | 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 |
| 104 | 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 |
| 105 | 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 |
| 106 | Impact of cascade screening for catecholaminergic polymorphic ventricular tachycardia type 1. Heart, 2022, 108, 840-847. | 2.9 | 9 |
| 107 | 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 |
| 108 | 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 |

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|---|---|---|---|
| 109 | Novel electrocardiographic criteria for short QT syndrome in children and adolescents. Europace, 2021, 23, 2029-2038. | 1.7 | 8 |
| 110 | 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 |
| 111 | A Novel Mutation Associated With Jervell and Lange-Nielsen Syndrome in a Japanese Family. Circulation Journal, 2008, 72, 687-693. | 1.6 | 6 |
| 112 | Early repolarization and risk of arrhythmia events in long QT syndrome. International Journal of Cardiology, 2016, 223, 540-542. | 1.7 | 6 |
| 113 | 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 |
| 114 | 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 |
| 115 | A challenge for mutation specific risk stratification in long QT syndrome type 1. Journal of Cardiology, 2018, 72, 56-65. | 1.9 | 6 |
| 116 | Autonomic Function and QT Interval During Night-Time Sleep in Infant Long QT Syndrome. Circulation Journal, 2018, 82, 2152-2159. | 1.6 | 6 |
| 117 | Left-Dominant Arrhythmogenic Cardiomyopathy With Heterozygous Mutations in DSP and MYBPC3. Circulation: Cardiovascular Imaging, 2019, 12, e008913. | 2.6 | 6 |
| 118 | A significance of school screening electrocardiogram in the patients with ventricular noncompaction. Heart and Vessels, 2020, 35, 985-995. | 1.2 | 6 |
| 119 | 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 |
| 120 | Genetic basis of Brugada syndrome. Journal of Arrhythmia, 2013, 29, 71-76. | 1.2 | 5 |
| 121 | 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 |
| 122 | Dynamic QT Changes in Long QT Syndrome Type 8. Circulation Journal, 2019, 83, 1614. | 1.6 | 5 |
| 123 | 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 |
| 124 | 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 |
| 125 | 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 |
| 126 | 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 |

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|---|---|---|---|
| 127 | High Prevalence of Late-Appearing T-Wave in Patients With Long QT Syndrome Type 8. Circulation Journal, 2020, 84, 559-568. | 1.6 | 4 |
| 128 | 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 |
| 129 | School-based routine screenings of electrocardiograms for the diagnosis of long QT syndrome. Europace, 2022, 24, 1496-1503. | 1.7 | 4 |
| 130 | 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 |
| 131 | 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 |
| 132 | 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 |
| 133 | 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 |
| 134 | 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 |
| 135 | Prediagnostic electrocardiographic and echocardiographic findings of biopsyâ€proven hypertrophic cardiomyopathy. Journal of Arrhythmia, 2018, 34, 643-646. | 1.2 | 3 |
| 136 | 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 |
| 137 | Familial sick sinus syndrome possibly associated with novel SCN5A mutation diagnosed in pregnancy. HeartRhythm Case Reports, 2021, 7, 117-122. | 0.4 | 3 |
| 138 | Heart rate-dependent variability of cardiac events in type 2 congenital long-QT syndrome. Europace, 2010, 12, 1623-1629. | 1.7 | 2 |
| 139 | A rare KCNE1 polymorphism, D85N, as a genetic modifier of long QT syndrome. Journal of Arrhythmia, 2014, 30, 161-166. | 1.2 | 2 |
| 140 | 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 |
| 141 | Association of zygotic piRNAs derived from paternal P elements with hybrid dysgenesis in Drosophila melanogaster. Mobile DNA, 2018, 9, 7. | 3.6 | 2 |
| 142 | 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 |
| 143 | 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 |
| 144 | Multigenerational Inheritance of Long QT Syndrome Type 2 in a Japanese Family. Internal Medicine, 2016, 55, 259-262. | 0.7 | 1 |

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|---|---|---|---|
| 145 | Macro-pro-B-type natriuretic peptide (proBNP) and hidden macro-N-terminal proBNP: Case report. Clinical Biochemistry, 2018, 52, 148-152. | 1.9 | 1 |
| 146 | Cardiac Arrest Associated with Both an Anomalous Left Coronary Artery and KCNE1 Polymorphism. International Heart Journal, 2019, 60, 1003-1005. | 1.0 | 1 |
| 147 | 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 |
| 148 | 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 |
| 149 | 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 |
| 150 | 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 |
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