# Connie R Bezzina

List of Publications by Year
in descending order



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|---|---|---|---|
| 206 papers | 15,994 citations | 14644 66 h-index | 18633 119 g-index |
| 215 all docs | 215 docs citations | 215 times ranked | 13765 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Maturation of hiPSC-derived cardiomyocytes promotes adult alternative splicing of SCN5A and reveals changes in sodium current associated with cardiac arrhythmia. Cardiovascular Research, 2023, 119, 167-182. | 1.8 | 13 |
| 2 | Chronically elevated branched chain amino acid levels are pro-arrhythmic. Cardiovascular Research, 2022, 118, 1742-1757. | 1.8 | 24 |
| 3 | Minor hypertrophic cardiomyopathy genes, major insights into the genetics of cardiomyopathies. Nature Reviews Cardiology, 2022, 19, 151-167. | 6.1 | 50 |
| 4 | Exploring the Relationship Between Schizophrenia and Cardiovascular Disease: A Genetic Correlation and Multivariable Mendelian Randomization Study. Schizophrenia Bulletin, 2022, 48, 463-473. | 2.3 | 28 |
| 5 | Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC Working Group on Myocardial Function and the ESC Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2022, 118, 3016-3051. | 1.8 | 30 |
| 6 | Common Genetic Variants Contribute to Risk of Transposition of the Great Arteries. Circulation Research, 2022, 130, 166-180. | 2.0 | 15 |
| 7 | Genome-wide association analyses identify new Brugada syndrome risk loci and highlight a new mechanism of sodium channel regulation in disease susceptibility. Nature Genetics, 2022, 54, 232-239. | 9.4 | 55 |
| 8 | First Steps of Population Genomic Medicine in the Arrhythmia World: Pros and Cons. Circulation, 2022, 145, 892-895. | 1.6 | 2 |
| 9 | 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. | 0.7 | 108 |
| 10 | 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. | 0.3 | 78 |
| 11 | 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. | 0.5 | 24 |
| 12 | A deep learning approach identifies new ECG features in congenital long QT syndrome. BMC Medicine, 2022, 20, 162. | 2.3 | 13 |
| 13 | Enhancing rare variant interpretation in inherited arrhythmias through quantitative analysis of consortium disease cohorts and population controls. Genetics in Medicine, 2021, 23, 47-58. | 1.1 | 57 |
| 14 | Common genetic variants and modifiable risk factors underpin hypertrophic cardiomyopathy susceptibility and expressivity. Nature Genetics, 2021, 53, 135-142. | 9.4 | 165 |
| 15 | Illuminating the path from genetics to clinical outcome in Brugada syndrome. European Heart Journal, 2021, 42, 1091-1093. | 1.0 | 12 |
| 16 | Biallelic loss-of-function variants in PLD1 cause congenital right-sided cardiac valve defects and neonatal cardiomyopathy. Journal of Clinical Investigation, 2021, 131, . | 3.9 | 16 |
| 17 | Genetics and genomics of arrhythmic risk: current and future strategies to prevent sudden cardiac death. Nature Reviews Cardiology, 2021, 18, 774-784. | 6.1 | 15 |
| 18 | Clinical Characteristics of SCN5A p.R965C Carriers: A Common Founder Variant Predisposing to Brugada Syndrome in Thailand. Circulation Genomic and Precision Medicine, 2021, 14, e003229. | 1.6 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Rare variants in KDR, encoding VEGF Receptor 2, are associated with tetralogy of Fallot. Genetics in Medicine, 2021, 23, 1952-1960. | 1.1 | 7 |
| 20 | Targeting the Microtubule EB1-CLASP2 Complex Modulates Na <sub>V</sub> 1.5 at Intercalated Discs. Circulation Research, 2021, 129, 349-365. | 2.0 | 23 |
| 21 | Variant Intronic Enhancer Controls SCN10A-short Expression and Heart Conduction. Circulation, 2021, 144, 229-242. | 1.6 | 20 |
| 22 | ALPK3: a full spectrum cardiomyopathy gene?. European Heart Journal, 2021, 42, 3074-3077. | 1.0 | 4 |
| 23 | Novel pathogenic role for galectin-3 in early disease stages of arrhythmogenic cardiomyopathy. Heart Rhythm, 2021, 18, 1394-1403. | 0.3 | 8 |
| 24 | Shared genetic pathways contribute to risk of hypertrophic and dilated cardiomyopathies with opposite directions of effect. Nature Genetics, 2021, 53, 128-134. | 9.4 | 155 |
| 25 | Systematic large-scale assessment of the genetic architecture of left ventricular noncompaction reveals diverse etiologies. Genetics in Medicine, 2021, 23, 856-864. | 1.1 | 45 |
| 26 | Sequential Defects in Cardiac Lineage Commitment and Maturation Cause Hypoplastic Left Heart Syndrome. Circulation, 2021, 144, 1409-1428. | 1.6 | 29 |
| 27 | Two siblings with early repolarization syndrome: clinical and genetic characterization by whole-exome sequencing. Europace, 2021, 23, 775-780. | 0.7 | 1 |
| 28 | The yield of postmortem genetic testing in sudden death cases with structural findings at autopsy. European Journal of Human Genetics, 2020, 28, 17-22. | 1.4 | 38 |
| 29 | Epidemiology of inherited arrhythmias. Nature Reviews Cardiology, 2020, 17, 205-215. | 6.1 | 37 |
| 30 | Scientists on the Spot: The complex inheritance of cardiac disorders. Cardiovascular Research, 2020, 116, e11-e11. | 1.8 | 0 |
| 31 | Inherited cardiac arrhythmias. Nature Reviews Disease Primers, 2020, 6, 58. | 18.1 | 146 |
| 32 | Functional modulation of atrio-ventricular conduction by enhanced late sodium current and calcium-dependent mechanisms in Scn5a1798insD/+ mice. Europace, 2020, 22, 1579-1589. | 0.7 | 9 |
| 33 | 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. | 1.6 | 41 |
| 34 | Sibling history is associated with heart failure after a first myocardial infarction. Open Heart, 2020, 7, e001143. | 0.9 | 1 |
| 35 | When genetic burden reaches threshold. European Heart Journal, 2020, 41, 3849-3855. | 1.0 | 40 |
| 36 | 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 |

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|---|---|---|---|
| 37 | Genome-wide association studies of cardiac electrical phenotypes. Cardiovascular Research, 2020, 116, 1620-1634. | 1.8 | 18 |
| 38 | Common and rare susceptibility genetic variants predisposing to Brugada syndrome in Thailand. Heart Rhythm, 2020, 17, 2145-2153. | 0.3 | 23 |
| 39 | Seasonality of ventricular fibrillation at first myocardial infarction and association with viral exposure. PLoS ONE, 2020, 15, e0226936. | 1.1 | 4 |
| 40 | Electrophysiological Abnormalities in VLCAD Deficient hiPSC-Cardiomyocytes Can Be Improved by Lowering Accumulation of Fatty Acid Oxidation Intermediates. International Journal of Molecular Sciences, 2020, 21, 2589. | 1.8 | 24 |
| 41 | SARS-CoV-2, COVID-19, and inherited arrhythmia syndromes. Heart Rhythm, 2020, 17, 1456-1462. | 0.3 | 162 |
| 42 | Electrophysiological Abnormalities in VLCAD Deficient hiPSC-Cardiomyocytes Do not Improve with Carnitine Supplementation. Frontiers in Pharmacology, 2020, 11, 616834. | 1.6 | 5 |
| 43 | Research in understudied populations offers local and global insights into the genetics of hypertrophic cardiomyopathy. Polish Archives of Internal Medicine, 2020, 130, 76-78. | 0.3 | 1 |
| 44 | Title is missing!. , 2020, 15, e0226936. | | 0 |
| 45 | Title is missing!. , 2020, 15, e0226936. | | 0 |
| 46 | Supraventricular tachycardias, conduction disease, and cardiomyopathy in 3 families with the same rare variant in TNNI3K (p.Glu768Lys). Heart Rhythm, 2019, 16, 98-105. | 0.3 | 18 |
| 47 | Beyond the One Geneâ€“One Disease Paradigm. Circulation, 2019, 140, 595-610. | 1.6 | 101 |
| 48 | GATA6 mutations: Characterization of two novel patients and a comprehensive overview of the GATA6 genotypic and phenotypic spectrum. American Journal of Medical Genetics, Part A, 2019, 179, 1836-1845. | 0.7 | 16 |
| 49 | Functional Consequences of the SCN5A-p.Y1977N Mutation within the PY Ubiquitylation Motif: Discrepancy between HEK293 Cells and Transgenic Mice. International Journal of Molecular Sciences, 2019, 20, 5033. | 1.8 | 11 |
| 50 | Blood Pressure-Associated Genetic Variants in the Natriuretic Peptide Receptor 1 Gene Modulate Guanylate Cyclase Activity. Circulation Genomic and Precision Medicine, 2019, 12, e002472. | 1.6 | 10 |
| 51 | Predicting cardiac electrical response to sodium-channel blockade and Brugada syndrome using polygenic risk scores. European Heart Journal, 2019, 40, 3097-3107. | 1.0 | 55 |
| 52 | Genetic variation in GNB5 causes bradycardia by increasing IK,ACh augmenting cholinergic response. DMM Disease Models and Mechanisms, 2019, 12, . | 1.2 | 19 |
| 53 | Calmodulin mutations and life-threatening cardiac arrhythmias: insights from the International Calmodulinopathy Registry. European Heart Journal, 2019, 40, 2964-2975. | 1.0 | 116 |
| 54 | Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470. | 1.6 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. Circulation Genomic and Precision Medicine, 2019, 12, e002471. | 1.6 | 22 |
| 56 | Homozygous frameshift mutations in FAT1 cause a syndrome characterized by colobomatous-microphthalmia, ptosis, nephropathy and syndactyly. Nature Communications, 2019, 10, 1180. | 5.8 | 27 |
| 57 | Câ€...Identification of the major genetic contributors to tetralogy of fallot. , 2019, , . | | 0 |
| 58 | Predicting Risk for Adult-Onset Sudden Cardiac Death in the Population. Journal of the American College of Cardiology, 2019, 74, 2635-2637. | 1.2 | 3 |
| 59 | Whole Exome Sequencing Reveals the Major Genetic Contributors to Nonsyndromic Tetralogy of Fallot. Circulation Research, 2019, 124, 553-563. | 2.0 | 118 |
| 60 | A common co-morbidity modulates disease expression and treatment efficacy in inherited cardiac sodium channelopathy. European Heart Journal, 2018, 39, 2898-2907. | 1.0 | 17 |
| 61 | Bioinformatic analysis of a plakophilin-2-dependent transcription network: implications for the mechanisms of arrhythmogenic right ventricular cardiomyopathy in humans and in boxer dogs. Europace, 2018, 20, iii125-iii132. | 0.7 | 16 |
| 62 | A comprehensive evaluation of the genetic architecture of sudden cardiac arrest. European Heart Journal, 2018, 39, 3961-3969. | 1.0 | 59 |
| 63 | Systems Genetics Approaches in Rat Identify Novel Genes and Gene Networks Associated With Cardiac Conduction. Journal of the American Heart Association, 2018, 7, e009243. | 1.6 | 18 |
| 64 | Enhanced late sodium current underlies pro-arrhythmic intracellular sodium and calcium dysregulation in murine sodium channelopathy. International Journal of Cardiology, 2018, 263, 54-62. | 0.8 | 16 |
| 65 | Genomic approaches for the elucidation of genes and gene networks underlying cardiovascular traits. Biophysical Reviews, 2018, 10, 1053-1060. | 1.5 | 5 |
| 66 | Identification of an INa-dependent and Ito-mediated proarrhythmic mechanism in cardiomyocytes derived from pluripotent stem cells of a Brugada syndrome patient. Scientific Reports, 2018, 8, 11246. | 1.6 | 31 |
| 67 | Inherited dilated cardiomyopathy in a large Moroccan family caused by LMNA mutation. Anatolian Journal of Cardiology, 2018, 20, 65-68. | 0.5 | 3 |
| 68 | Multilevel analyses of SCN5A mutations in arrhythmogenic right ventricular dysplasia/cardiomyopathy suggest non-canonical mechanisms for disease pathogenesis. Cardiovascular Research, 2017, 113, 102-111. | 1.8 | 148 |
| 69 | Gain-of-function mutation in SCN5A causes ventricular arrhythmias and early onset atrial fibrillation. International Journal of Cardiology, 2017, 236, 187-193. | 0.8 | 30 |
| 70 | Utility of Post-Mortem Genetic Testing in Cases of Sudden Arrhythmic Death Syndrome. Journal of the American College of Cardiology, 2017, 69, 2134-2145. | 1.2 | 219 |
| 71 | Pacing Discovery. Circulation Research, 2017, 120, 1524-1526. | 2.0 | 0 |
| 72 | Anti-arrhythmic potential of the late sodium current inhibitor GS-458967 in murine Scn5a-1798insD+/â^' and human SCN5A-1795insD+/â^' iPSC-derived cardiomyocytes. Cardiovascular Research, 2017, 113, 829-838. | 1.8 | 41 |

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|---|---|---|---|
| 73 | The Brugada Syndrome Susceptibility Gene HEY2 Modulates Cardiac Transmural Ion Channel Patterning and Electrical Heterogeneity. Circulation Research, 2017, 121, 537-548. | 2.0 | 63 |
| 74 | Exome sequencing identifies primary carnitine deficiency in a family with cardiomyopathy and sudden death. European Journal of Human Genetics, 2017, 25, 783-787. | 1.4 | 21 |
| 75 | Familial Disease Is Not Always Genetic: A Family With Atrioventricular Block and Mitral Regurgitation. Canadian Journal of Cardiology, 2017, 33, 554.e9-554.e11. | 0.8 | 0 |
| 76 | Impact of Selection Bias on Estimation of Subsequent Event Risk. Circulation: Cardiovascular Genetics, 2017, 10, . | 5.1 | 28 |
| 77 | Arrhythmogenic cardiomyopathy: pathology, genetics, and concepts in pathogenesis. Cardiovascular Research, 2017, 113, 1521-1531. | 1.8 | 98 |
| 78 | Response by Veerman et al to Letter Regarding Article, â€œThe Brugada Syndrome Susceptibility Gene HEY2 Modulates Cardiac Transmural Ion Channel Patterning and Electrical Heterogeneityâ€• Circulation Research, 2017, 121, e21. | 2.0 | 0 |
| 79 | Dissecting the Genetic Basis of the ECG as a Means of Understanding Mechanisms of Arrhythmia. Circulation: Cardiovascular Genetics, 2017, 10, . | 5.1 | 2 |
| 80 | Sodium Channel Remodeling in Subcellular Microdomains of Murine Failing Cardiomyocytes. Journal of the American Heart Association, 2017, 6, . | 1.6 | 31 |
| 81 | Yield and Pitfalls of Ajmaline Testing in theÂEvaluation of Unexplained Cardiac Arrest and Sudden Unexplained Death. JACC: Clinical Electrophysiology, 2017, 3, 1400-1408. | 1.3 | 34 |
| 82 | Heart failure following STEMI: a contemporary cohort study of incidence and prognostic factors. Open Heart, 2017, 4, e000551. | 0.9 | 26 |
| 83 | Patch-Clamp Recording from Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes: Improving Action Potential Characteristics through Dynamic Clamp. International Journal of Molecular Sciences, 2017, 18, 1873. | 1.8 | 55 |
| 84 | Natural genetic variation of the cardiac transcriptome in non-diseased donors and patients with dilated cardiomyopathy. Genome Biology, 2017, 18, 170. | 3.8 | 70 |
| 85 | Complex Genetics of Cardiovascular Traits in Mice: F2-Mapping of QTLs and Their Underlying Genes. Methods in Molecular Biology, 2017, 1488, 431-454. | 0.4 | 4 |
| 86 | Switch From Fetal to Adult SCN5A Isoform in Human Induced Pluripotent Stem Cellâ€“Derived Cardiomyocytes Unmasks the Cellular Phenotype of a Conduction Diseaseâ€“Causing Mutation. Journal of the American Heart Association, 2017, 6, . | 1.6 | 54 |
| 87 | Next-Generation Sequencing in Post-mortem Genetic Testing of Young Sudden Cardiac Death Cases. Frontiers in Cardiovascular Medicine, 2016, 3, 13. | 1.1 | 20 |
| 88 | Genome-wide association of multiple complex traits in outbred mice by ultra-low-coverage sequencing. Nature Genetics, 2016, 48, 912-918. | 9.4 | 124 |
| 89 | Dilation of the Aorta Ascendens Forms Part of the Clinical Spectrum of HCN4 Mutations. Journal of the American College of Cardiology, 2016, 67, 2313-2315. | 1.2 | 25 |
| 90 | Clinical Aspects of Type 3 Long-QT Syndrome. Circulation, 2016, 134, 872-882. | 1.6 | 162 |

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|---|---|---|---|
| 91 | GNB5 Mutations Cause an Autosomal-Recessive Multisystem Syndrome with Sinus Bradycardia and Cognitive Disability. American Journal of Human Genetics, 2016, 99, 704-710. | 2.6 | 58 |
| 92 | 52 Genetic Loci Influencing MyocardialÂMass. Journal of the American College of Cardiology, 2016, 68, 1435-1448. | 1.2 | 113 |
| 93 | Variants in the SCN5A Promoter Associated With Various Arrhythmia Phenotypes. Journal of the American Heart Association, 2016, 5, . | 1.6 | 22 |
| 94 | hiPSC-derived cardiomyocytes from Brugada Syndrome patients without identified mutations do not exhibit clear cellular electrophysiological abnormalities. Scientific Reports, 2016, 6, 30967. | 1.6 | 64 |
| 95 | Readthrough-Promoting Drugs Gentamicin and PTC124 Fail to Rescue Na <sub>v</sub> 1.5 Function of Human-Induced Pluripotent Stem Cellâ€"Derived Cardiomyocytes Carrying Nonsense Mutations in the Sodium Channel Gene SCN5A. Circulation: Arrhythmia and Electrophysiology, 2016, 9, . | 2.1 | 28 |
| 96 | Sudden Cardiac Arrest and Rare Genetic Variants in the Community. Circulation: Cardiovascular Genetics, 2016, 9, 147-153. | 5.1 | 27 |
| 97 | Cardiac dyssynchrony and response to cardiac resynchronisation therapy in heart failure: can genetic predisposition play a role?. Netherlands Heart Journal, 2016, 24, 11-15. | 0.3 | 1 |
| 98 | Genome-Wide Polyadenylation Maps Reveal Dynamic mRNA 3â€²-End Formation in the Failing Human Heart. Circulation Research, 2016, 118, 433-438. | 2.0 | 41 |
| 99 | Genetics of congenital heart disease: the contribution of the noncoding regulatory genome. Journal of Human Genetics, 2016, 61, 13-19. | 1.1 | 52 |
| 100 | Chemokine ligand 9 modulates cardiac repolarization via Cxcr3 receptor binding. International Journal of Cardiology, 2015, 201, 49-52. | 0.8 | 2 |
| 101 | Analysis for Genetic Modifiers of Disease Severity in Patients With Long-QT Syndrome Type 2. Circulation: Cardiovascular Genetics, 2015, 8, 447-456. | 5.1 | 51 |
| 102 | Genetics of Sudden Cardiac Death. Circulation Research, 2015, 116, 1919-1936. | 2.0 | 211 |
| 103 | Role of common and rare variants in SCN10A: results from the Brugada syndrome QRS locus gene discovery collaborative study. Cardiovascular Research, 2015, 106, 520-529. | 1.8 | 108 |
| 104 | TNNI3K in cardiovascular disease and prospects for therapy. Journal of Molecular and Cellular Cardiology, 2015, 82, 167-173. | 0.9 | 15 |
| 105 | Integrative Genomic Approach Identifies Multiple Genes Involved in Cardiac Collagen Deposition. Circulation: Cardiovascular Genetics, 2014, 7, 790-798. | 5.1 | 10 |
| 106 | Genomics of cardiac electrical function. Briefings in Functional Genomics, 2014, 13, 39-50. | 1.3 | 1 |
| 107 | Common genetic variation and risk for sudden cardiac death in acquired cardiac disease. Heart Rhythm, 2014, 11, 653-654. | 0.3 | 1 |
| 108 | Gene-centric Meta-analysis in 87,736 Individuals of European Ancestry Identifies Multiple Blood-Pressure-Related Loci. American Journal of Human Genetics, 2014, 94, 349-360. | 2.6 | 158 |

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|---|---|---|---|
| 109 | Early repolarization pattern: its ECG characteristics, arrhythmogeneity and heritability. Journal of Interventional Cardiac Electrophysiology, 2014, 39, 185-192. | 0.6 | 15 |
| 110 | Coxsackie and Adenovirus Receptor Is a Modifier of Cardiac Conduction and Arrhythmia Vulnerability in the Setting of Myocardial Ischemia. Journal of the American College of Cardiology, 2014, 63, 549-559. | 1.2 | 58 |
| 111 | A Mutation in CALM1 Encoding Calmodulin in Familial Idiopathic Ventricular Fibrillation in Childhood and Adolescence. Journal of the American College of Cardiology, 2014, 63, 259-266. | 1.2 | 160 |
| 112 | Genetics of sudden cardiac death caused by ventricular arrhythmias. Nature Reviews Cardiology, 2014, 11, 96-111. | 6.1 | 59 |
| 113 | PDZ Domainâ€"Binding Motif Regulates Cardiomyocyte Compartment-Specific Na <sub>V</sub> 1.5 Channel Expression and Function. Circulation, 2014, 130, 147-160. | 1.6 | 113 |
| 114 | Role of Rare and Common Genetic Variation in SCN5A in Cardiac Electrical Function and Arrhythmia. Cardiac Electrophysiology Clinics, 2014, 6, 665-677. | 0.7 | 1 |
| 115 | HCN4 Mutations in Multiple Families With Bradycardia and Left Ventricular Noncompaction Cardiomyopathy. Journal of the American College of Cardiology, 2014, 64, 745-756. | 1.2 | 173 |
| 116 | Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836. | 9.4 | 281 |
| 117 | A common genetic variant within SCN10A modulates cardiac SCN5A expression. Journal of Clinical Investigation, 2014, 124, 1844-1852. | 3.9 | 168 |
| 118 | Genome-Wide Identification of Expression Quantitative Trait Loci (eQTLs) in Human Heart. PLoS ONE, 2014, 9, e97380. | 1.1 | 44 |
| 119 | Genome-wide association study of multiple congenital heart disease phenotypes identifies a susceptibility locus for atrial septal defect at chromosome 4p16. Nature Genetics, 2013, 45, 822-824. | 9.4 | 123 |
| 120 | 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. | 9.4 | 467 |
| 121 | Sudden cardiac arrest associated with use of a non-cardiac drug that reduces cardiac excitability: evidence from bench, bedside, and community. European Heart Journal, 2013, 34, 1506-1516. | 1.0 | 47 |
| 122 | Reduced Sodium Channel Function Unmasks Residual Embryonic Slow Conduction in the Adult Right Ventricular Outflow Tract. Circulation Research, 2013, 113, 137-141. | 2.0 | 87 |
| 123 | Arrhythmogenic Right Ventricular Cardiomyopathy: Growing Evidence for Complex Inheritance. Circulation: Cardiovascular Genetics, 2013, 6, 525-527. | 5.1 | 11 |
| 124 | SNPs Identified as Modulators of ECG Traits in the General Population Do Not Markedly Affect ECG Traits during Acute Myocardial Infarction nor Ventricular Fibrillation Risk in This Condition. PLoS ONE, 2013, 8, e57216. | 1.1 | 9 |
| 125 | A Heterozygous Deletion Mutation in the Cardiac Sodium Channel Gene SCN5A with Loss- and Gain-of-Function Characteristics Manifests as Isolated Conduction Disease, without Signs of Brugada or Long QT Syndrome. PLoS ONE, 2013, 8, e67963. | 1.1 | 23 |
| 126 | Genome Wide Analysis of Drug-Induced Torsades de Pointes: Lack of Common Variants with Large Effect Sizes. PLoS ONE, 2013, 8, e78511. | 1.1 | 57 |

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|---|---|---|---|
| 127 | Complex Inheritance for Susceptibility to Sudden Cardiac Death. Current Pharmaceutical Design, 2013, 19, 6864-6872. | 0.9 | 3 |
| 128 | Dissection of a Quantitative Trait Locus for PR Interval Duration Identifies Tnni3k as a Novel Modulator of Cardiac Conduction. PLoS Genetics, 2012, 8, e1003113. | 1.5 | 45 |
| 129 | A Connexin40 Mutation Associated With a Malignant Variant of Progressive Familial Heart Block Type I. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 163-172. | 2.1 | 58 |
| 130 | A Large Candidate Gene Survey Identifies the KCNE1 D85N Polymorphism as a Possible Modulator of Drug-Induced Torsades de Pointes. Circulation: Cardiovascular Genetics, 2012, 5, 91-99. | 5.1 | 150 |
| 131 | Variants in the 3â€² untranslated region of the KCNQ1-encoded Kv7.1 potassium channel modify disease severity in patients with type 1 long QT syndrome in an allele-specific manner. European Heart Journal, 2012, 33, 714-723. | 1.0 | 130 |
| 132 | Intercalated disc abnormalities, reduced Na+ current density, and conduction slowing in desmoglein-2 mutant mice prior to cardiomyopathic changes. Cardiovascular Research, 2012, 95, 409-418. | 1.8 | 180 |
| 133 | Functional Na <sub>V</sub> 1.8 Channels in Intracardiac Neurons. Circulation Research, 2012, 111, 333-343. | 2.0 | 131 |
| 134 | Common genetic variation modulating cardiac ECG parameters and susceptibility to sudden cardiac death. Journal of Molecular and Cellular Cardiology, 2012, 52, 620-629. | 0.9 | 51 |
| 135 | Induced pluripotent stem cell derived cardiomyocytes as models for cardiac arrhythmias. Frontiers in Physiology, 2012, 3, 346. | 1.3 | 168 |
| 136 | Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. American Journal of Human Genetics, 2012, 91, 823-838. | 2.6 | 227 |
| 137 | The role of reninâ€“angiotensinâ€“aldosterone system polymorphisms in phenotypic expression of MYBPC3-related hypertrophic cardiomyopathy. European Journal of Human Genetics, 2012, 20, 1071-1077. | 1.4 | 28 |
| 138 | Cardiomyocytes Derived From Pluripotent Stem Cells Recapitulate Electrophysiological Characteristics of an Overlap Syndrome of Cardiac Sodium Channel Disease. Circulation, 2012, 125, 3079-3091. | 1.6 | 245 |
| 139 | The Chemical Compound PTC124 Does Not Affect Cellular Electrophysiology of Cardiac Ventricular Myocytes. Cardiovascular Drugs and Therapy, 2012, 26, 41-45. | 1.3 | 8 |
| 140 | Genetic variation in T-box binding element functionally affects SCN5A/SCN10A enhancer. Journal of Clinical Investigation, 2012, 122, 2519-2530. | 3.9 | 167 |
| 141 | KCND3 mutations in Brugada syndrome: The plot thickens. Heart Rhythm, 2011, 8, 1033-1035. | 0.3 | 5 |
| 142 | Inherited Cardiac Arrhythmia Syndromes: Role of the Sodium Channel. Cardiac Electrophysiology Clinics, 2011, 3, 93-112. | 0.7 | 0 |
| 143 | Quantitative trait loci for electrocardiographic parameters and arrhythmia in the mouse. Journal of Molecular and Cellular Cardiology, 2011, 50, 380-389. | 0.9 | 22 |
| 144 | Genetic predisposition for sudden cardiac death in myocardial ischaemia: the Arrhythmia Genetics in the NEtherlandS study. Netherlands Heart Journal, 2011, 19, 96-100. | 0.3 | 5 |

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|---|---|---|---|
| 145 | Arrhythmogenic Cardiomyopathy. Circulation: Cardiovascular Genetics, 2011, 4, 318-326. | 5.1 | 35 |
| 146 | A Complex Double Deletion in LMNA Underlies Progressive Cardiac Conduction Disease, Atrial Arrhythmias, and Sudden Death. Circulation: Cardiovascular Genetics, 2011, 4, 280-287. | 5.1 | 24 |
| 147 | Developmental aspects of cardiac arrhythmogenesis. Cardiovascular Research, 2011, 91, 243-251. | 1.8 | 25 |
| 148 | Identification of a Sudden Cardiac Death Susceptibility Locus at 2q24.2 through Genome-Wide Association in European Ancestry Individuals. PLoS Genetics, 2011, 7, e1002158. | 1.5 | 117 |
| 149 | Familial Idiopathic Ventricular Fibrillation Linked to Chromosome 7q36 Harboring DPP6. Journal of Arrhythmia, 2011, 27, OP59_4. | 0.5 | 0 |
| 150 | Genetic Basis of Ventricular Arrhythmias. Current Cardiovascular Risk Reports, 2010, 4, 454-460. | 0.8 | 3 |
| 151 | Identification of FOXP1 deletions in three unrelated patients with mental retardation and significant speech and language deficits. Human Mutation, 2010, 31, E1851-E1860. | 1.1 | 130 |
| 152 | Genetic variation in SCN10A influences cardiac conduction. Nature Genetics, 2010, 42, 149-152. | 9.4 | 248 |
| 153 | Genome-wide association study identifies a susceptibility locus at 21q21 for ventricular fibrillation in acute myocardial infarction. Nature Genetics, 2010, 42, 688-691. | 9.4 | 170 |
| 154 | Cardiac desmosomal (dys)function and myocyte viability. Cell Cycle, 2010, 9, 1246-1252. | 1.3 | 7 |
| 155 | Tubulin polymerization modifies cardiac sodium channel expression and gating. Cardiovascular Research, 2010, 85, 691-700. | 1.8 | 68 |
| 156 | Genetics of lone atrial fibrillation. Europace, 2010, 12, 1351-1352. | 0.7 | 3 |
| 157 | Mechanism of right precordial ST-segment elevation in structural heart disease: Excitation failure by current-to-load mismatch. Heart Rhythm, 2010, 7, 238-248. | 0.3 | 117 |
| 158 | REVIEW: Sodium Channel (Dys)Function and Cardiac Arrhythmias. Cardiovascular Therapeutics, 2010, 28, 287-294. | 1.1 | 128 |
| 159 | Genetically Determined Differences in Sodium Current Characteristics Modulate Conduction Disease Severity in Mice With Cardiac Sodium Channelopathy. Circulation Research, 2009, 104, 1283-1292. | 2.0 | 86 |
| 160 | Combined reduction of intercellular coupling and membrane excitability differentially affects transverse and longitudinal cardiac conduction. Cardiovascular Research, 2009, 83, 52-60. | 1.8 | 54 |
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