Richard D Bagnall

List of Publications by Year
in descending order

46	2,493	331259	223531
papers	citations	21 h-index	46 g-index

48	48	48	3456
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Prospective Study of Sudden Cardiac Death among Children and Young Adults. New England Journal of Medicine, 2016, 374, 2441-2452.	13.9	619
2	Exomeâ€based analysis of cardiac arrhythmia, respiratory control, and epilepsy genes in sudden unexpected death in epilepsy. Annals of Neurology, 2016, 79, 522-534.	2.8	216
3	Mutations in Alpha-Actinin-2 Cause Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2010, 55, 1127-1135.	1.2	170
4	Nonfamilial Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	141
5	Whole Genome Sequencing Improves Outcomes of Genetic Testing in Patients With Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2018, 72, 419-429.	1.2	138
6	Exome analysisâ€“based molecular autopsy in cases of sudden unexplained death in the young. Heart Rhythm, 2014, 11, 655-662.	0.3	125
7	Exome sequencing identifies a mutation in the ACTN2 gene in a family with idiopathic ventricular fibrillation, left ventricular noncompaction, and sudden death. BMC Medical Genetics, 2014, 15, 99.	2.1	88
8	Multiple Gene Variants in Hypertrophic Cardiomyopathy in the Era of Next-Generation Sequencing. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	86
9	Determining pathogenicity of genetic variants in hypertrophic cardiomyopathy: importance of periodic reassessment. Genetics in Medicine, 2014, 16, 286-293.	1.1	83
10	Sudden unexpected death in epilepsy genetics: Molecular diagnostics and prevention. Epilepsia, 2016, 57, 17-25.	2.6	74
11	Global MicroRNA Profiling of the Mouse Ventricles during Development of Severe Hypertrophic Cardiomyopathy and Heart Failure. PLoS ONE, 2012, 7, e44744.	1.1	70
12	Genetic Basis of Sudden Unexpected Death in Epilepsy. Frontiers in Neurology, 2017, 8, 348.	1.1	62
13	A novel heterozygous mutation in cardiac calsequestrin causes autosomal dominant catecholaminergic polymorphic ventricular tachycardia. Heart Rhythm, 2016, 13, 1652-1660.	0.3	60
14	Genome sequencing as a first-line genetic test in familial dilated cardiomyopathy. Genetics in Medicine, 2019, 21, 650-662.	1.1	52
15	â€œConcealed cardiomyopathyâ€• as a cause of previously unexplained sudden cardiac arrest. International Journal of Cardiology, 2021, 324, 96-101.	0.8	37
16	Concealed Arrhythmogenic Right Ventricular Cardiomyopathy in Sudden Unexplained Cardiac Death Events. Circulation Genomic and Precision Medicine, 2018, 11, e002355.	1.6	34
17	Key Value of RNA Analysis of MYBPC3 Splice-Site Variants in Hypertrophic Cardiomyopathy. Circulation Genomic and Precision Medicine, 2019, 12, e002368.	1.6	31
18	Comparative transcriptome profiling in human bicuspid aortic valve disease using RNA sequencing. Physiological Genomics, 2015, 47, 75-87.	1.0	28

#	Article	IF	Citations
19	Genetic architecture of left ventricular noncompaction in adults. Human Genome Variation, 2020, 7, 33.	0.4	27
20	Exome sequencingâ€“based molecular autopsy of formalin-fixed paraffin-embedded tissue after sudden death. Genetics in Medicine, 2017, 19, 1127-1133.	1.1	26
21	Relations between right ventricular morphology and clinical, electrical and genetic parameters in Brugada Syndrome. PLoS ONE, 2018, 13, e0195594.	1.1	23
22	Genetic analysis of PHOX2B in sudden unexpected death in epilepsy cases. Neurology, 2014, 83, 1018-1021.	1.5	19
23	Burden of Recurrent and Ancestral Mutations in Families With Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	18
24	Holt-Oram syndrome in two families diagnosed with left ventricular noncompaction and conduction disease. HeartRhythm Case Reports, 2018, 4, 146-151.	0.2	18
25	Genetic Testing for Cardiomyopathies in Clinical Practice. Heart Failure Clinics, 2018, 14, 129-137.	1.0	18
26	Transcriptome Sequencing of Patients With Hypertrophic Cardiomyopathy Reveals Novel Splice-Altering Variants in MYBPC3. Circulation Genomic and Precision Medicine, 2021, 14, e003202.	1.6	18
27	Sudden Cardiac Death in the Young. Heart Lung and Circulation, 2020, 29, 498-504.	0.2	16
28	Are Variants Causing Cardiac Arrhythmia Risk Factors in Sudden Unexpected Death in Epilepsy?. Frontiers in Neurology, 2020, 11, 925.	1.1	16
29	Precision Medicine in Cardiovascular Disease: Genetics and Impact on Phenotypes. Journal of the American College of Cardiology, 2021, 77, 2517-2530.	1.2	16
30	Whole genome sequencing delineates regulatory, copy number, and cryptic splice variants in early onset cardiomyopathy. Npj Genomic Medicine, 2022, 7, 18.	1.7	14
31	A balanced translocation disrupting SCN5A in a family with Brugada syndrome and sudden cardiac death. Heart Rhythm, 2019, 16, 231-238.	0.3	13
32	Characterization of clinically relevant copy-number variants from exomes of patients with inherited heart disease and unexplained sudden cardiac death. Genetics in Medicine, 2021, 23, 86-93.	1.1	13
33	Clinical Utility of a Phenotype-Enhanced MYH7 -Specific Variant Classification Framework in Hypertrophic Cardiomyopathy Genetic Testing. Circulation Genomic and Precision Medicine, 2020, 13, 453-459.	1.6	12
34	Revisiting Genome Sequencing Data in Light of Novel Disease Gene Associations. Journal of the American College of Cardiology, 2019, 73, 1365-1366.	1.2	10
35	Revisiting the Diagnostic Yield of Hypertrophic Cardiomyopathy Genetic Testing. Circulation Genomic and Precision Medicine, 2020, 13, e002930.	1.6	10
36	Clinical Profile and Health Disparities in a Multiethnic Cohort of Patients With Hypertrophic Cardiomyopathy. Circulation: Heart Failure, 2021, 14, e007537.	1.6	10

#	Article	IF	Citations
37	Exome sequencing identifies a novel mutation in the MYH6 gene in a family with early-onset sinus node dysfunction, ventricular arrhythmias, and cardiac arrest. HeartRhythm Case Reports, 2015, 1, 141-145.	0.2	9
38	Lossâ€ofâ€function variants in K_v11.1 cardiac channels as a biomarker for SUDEP. Annals of Clinical and Translational Neurology, 2021, 8, 1422-1432.	1.7	9
39	Role of the molecular autopsy in the investigation of sudden cardiac death. Progress in Pediatric Cardiology, 2017, 45, 17-23.	0.2	8
40	Rare sudden unexpected death in epilepsy SCN5A variants cause changes in channel function implicating cardiac arrhythmia as a cause of death. Epilepsia, 2022, 63, .	2.6	8
41	Peripheral blood derived induced pluripotent stem cells (iPSCs) from a female with familial hypertrophic cardiomyopathy. Stem Cell Research, 2017, 20, 76-79.	0.3	7
42	LAMP2 shines a light on cardiomyopathy in an athlete. HeartRhythm Case Reports, 2017, 3, 172-176.	0.2	6
43	NOS1AP Polymorphisms Modify QTc Interval Duration But Not Cardiac Arrest Risk in Hypertrophic Cardiomyopathy. Journal of Cardiovascular Electrophysiology, 2015, 26, 1346-1351.	0.8	4
44	Triadin Knockout Syndrome Is Absent in a Multi-Center Molecular Autopsy Cohort of Sudden Infant Death Syndrome and Sudden Unexplained Death in the Young and Is Extremely Rare in the General Population. Circulation Genomic and Precision Medicine, 2020, 13, e002731.	1.6	4
45	Prevalence and Phenotypic Correlations of Calmodulinopathy-Causative CALM1-3 Variants Detected in a Multicenter Molecular Autopsy Cohort of Sudden Unexplained Death Victims. Circulation Genomic and Precision Medicine, 2020, 13, e003032.	1.6	3
46	Response to Brodehl et al.. Genetics in Medicine, 2019, 21, 1248-1249.	1.1	0