Zahurul A Bhuiyan

List of Publications by Year
in descending order

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60 papers	4,001 citations	201385 27 h-index	182168 51 g-index
63 all docs	63 docs citations	63 times ranked	3725 citing authors

#	Article	IF	Citations
1	SCN5A Overlap Syndromes: an open-minded approach. Heart Rhythm, 2022, , .	0.3	2
2	Discordance Between Germline and Blood Mosaicism in Calmodulinopathy. Circulation Genomic and Precision Medicine, 2022, 15, 101161CIRCGEN121003695.	1.6	1
3	Sudden Cardiac Death and Catecholaminergic Polymorphic Ventricular Tachycardia: What Genetic Medicine could offer. Cardiovascular Journal, 2021, 13, 106-111.	0.0	0
4	Life-threatening arrhythmias with autosomal recessive TECRL variants. Europace, 2021, 23, 781-788.	0.7	17
5	Editorial: Monogenic vs. Oligogenic Reclassification. Frontiers in Genetics, 2021, 12, 821591.	1.1	0
6	ACTN2 variant associated with a cardiac phenotype suggestive of left-dominant arrhythmogenic cardiomyopathy. HeartRhythm Case Reports, 2020, 6, 15-19.	0.2	22
7	Genetic Mosaicism in Calmodulinopathy. Circulation Genomic and Precision Medicine, 2019, 12, 375-385.	1.6	33
8	Digenic Inheritance of LAMA4 and MYH7 Mutations in Patient with Infantile Dilated Cardiomyopathy. Medicina (Lithuania), 2019, 55, 17.	0.8	17
9	Calmodulin mutations and life-threatening cardiac arrhythmias: insights from the International Calmodulinopathy Registry. European Heart Journal, 2019, 40, 2964-2975.	1.0	116
10	Dihydropyrimidine Dehydrogenase Deficiency: Homozygosity for an Extremely Rare Variant in DPYD due to Uniparental Isodisomy of Chromosome 1. JIMD Reports, 2018, 45, 65-69.	0.7	3
11	Mechanistic insight into an exonic splice defect mutation from native induced pluripotent stem cell-derived cardiomyocytes. Heart Rhythm, 2018, 15, 1575-1576.	0.3	1
12	Genotype and clinical characteristics of congenital long QT syndrome in Thailand. Indian Pacing and Electrophysiology Journal, 2018, 18, 165-171.	0.3	5
13	Autosomal recessive long QT syndrome, type 1 in eight families from Saudi Arabia. Molecular Genetics & Genomic Medicine, 2017, 5, 592-601.	0.6	4
14	Cardiology in the Post-Genomic Era : Road to Personalized Medicine. Bangladesh Heart Journal, 2017, 32, 1-2.	0.1	0
15	Consultation multidisciplinaire de cardiogÃ©nÃ©tique. Revue Medicale Suisse, 2017, 13, 1094-1099.	0.0	0
16	Pheochromocytoma Masked by Mutation in the TH Gene. Clinical Chemistry, 2016, 62, 924-928.	1.5	1
17	A Zebrafish Loss-of-Function Model for Human CFAP53 Mutations Reveals Its Specific Role in Laterality Organ Function. Human Mutation, 2016, 37, 194-200.	1.1	25
18	<scp>TECRL</scp>, a new lifeâ€threatening inherited arrhythmia gene associated with overlapping clinical features of both <scp>LQTS</scp> and <scp>CPVT</scp>. EMBO Molecular Medicine, 2016, 8, 1390-1408.	3.3	98

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19	Genetic Analysis of Jervel and Lange Nielsen Syndrome with a Novel Mutation in KCNQ1 Gene. Indian Journal of Pediatrics, 2016, 83, 1038-1039.	0.3	0
20	Novel calmodulin mutations associated with congenital long QT syndrome affect calcium current in human cardiomyocytes. Heart Rhythm, 2016, 13, 2012-2019.	0.3	58
21	p.L1612P, a Novel Voltage-gated Sodium Channel Nav1.7 Mutation Inducing a Cold Sensitive Paroxysmal Extreme Pain Disorder. Anesthesiology, 2015, 122, 414-423.	1.3	18
22	Molecular insight into heart development and congenital heart disease: An update review from the Arab countries. Trends in Cardiovascular Medicine, 2015, 25, 291-301.	2.3	16
23	Sudden cardiac death among general population and sport related population in forensic experience. Journal of Clinical Forensic and Legal Medicine, 2015, 35, 62-68.	0.5	24
24	Sudden cardiac death in forensic medicine â€“ Swiss recommendations for a multidisciplinary approach. Swiss Medical Weekly, 2015, 145, w14129.	0.8	30
25	Abstract 16441: Novel Calmodulin Mutations Cause Congenital Long QT Syndrome and Affect Calcium Current in Human Cardiomyocytes. Circulation, 2015, 132, .	1.6	0
26	De novo mutation in the <scp>KCNQ1</scp> gene causal to Jervell and Langeâ€Nielsen syndrome. Clinical Genetics, 2014, 86, 492-495.	1.0	7
27	Not all pathogenic mutations are pathogenic: KCNH2 mutations in two sisters with tetralogy of Fallot. International Journal of Cardiology, 2014, 172, 276-277.	0.8	12
28	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
29	Novel Calmodulin Mutations Associated With Congenital Arrhythmia Susceptibility. Circulation: Cardiovascular Genetics, 2014, 7, 466-474.	5.1	165
30	Effects of flecainide on exercise-induced ventricular arrhythmias and recurrences in genotype-negative patients with catecholaminergic polymorphic ventricular tachycardia. Heart Rhythm, 2013, 10, 542-547.	0.3	88
31	I _{Ks} in Heart and Hearing, the Ear Can Do with Less than the Heart. Circulation: Cardiovascular Genetics, 2013, 6, 141-143.	5.1	12
32	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
33	Congenital Long QT Syndrome: An Update and Present Perspective in Saudi Arabia. Frontiers in Pediatrics, 2013, 1, 39.	0.9	15
34	Familial Evaluation in Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 748-756.	2.1	144
35	Silent mutation in long QT syndrome: Pathogenicity prediction by computer simulation. Heart Rhythm, 2012, 9, 283-284.	0.3	4
36	Postpacing abnormal repolarization in catecholaminergic polymorphic ventricular tachycardia associated with a mutation in the cardiac ryanodine receptor gene. Heart Rhythm, 2011, 8, 1546-1552.	0.3	22

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37	Desmosomal mutations across the fence. Heart Rhythm, 2011, 8, 1222-1223.	0.3	0
38	Flecainide Therapy Reduces Exercise-Induced Ventricular Arrhythmias in Patients With Catecholaminergic Polymorphic Ventricular Tachycardia. Journal of the American College of Cardiology, 2011, 57, 2244-2254.	1.2	352
39	SCN5A mutations in atrial fibrillation. Heart Rhythm, 2010, 7, 1870-1871.	0.3	5
40	The Response of the QT Interval to the Brief Tachycardia Provoked by Standing. Journal of the American College of Cardiology, 2010, 55, 1955-1961.	1.2	198
41	Desmoglein-2 and Desmocollin-2 Mutations in Dutch Arrhythmogenic Right Ventricular Dysplasia/Cardiomypathy Patients. Circulation: Cardiovascular Genetics, 2009, 2, 418-427.	5.1	77
42	Clinical and Genetic Analysis of Long QT Syndrome in Children from Six Families in Saudi Arabia: Are They Different?. Pediatric Cardiology, 2009, 30, 490-501.	0.6	12
43	The RYR2-Encoded Ryanodine Receptor/Calcium Release Channel in Patients Diagnosed Previously With Either Catecholaminergic Polymorphic Ventricular Tachycardia or Genotype Negative, Exercise-Induced Long QT Syndrome. Journal of the American College of Cardiology, 2009, 54, 2065-2074.	1.2	303
44	Type of SCN5A mutation determines clinical severity and degree of conduction slowing in loss-of-function sodium channelopathies. Heart Rhythm, 2009, 6, 341-348.	0.3	224
45	An intronic mutation leading to incomplete skipping of exon-2 in KCNQ1 rescues hearing in Jervell and Lange-Nielsen syndrome. Progress in Biophysics and Molecular Biology, 2008, 98, 319-327.	1.4	44
46	Recurrent intrauterine fetal loss due to near absence of HERG: Clinical and functional characterization of a homozygous nonsense HERG Q1070X mutation. Heart Rhythm, 2008, 5, 553-561.	0.3	58
47	Left Cardiac Sympathetic Denervation for Catecholaminergic Polymorphic Ventricular Tachycardia. New England Journal of Medicine, 2008, 358, 2024-2029.	13.9	377
48	Characterization of a novel SCN5A mutation associated with Brugada syndrome reveals involvement of DIIIS4â€“S5 linker in slow inactivation. Cardiovascular Research, 2007, 76, 418-429.	1.8	40
49	Expanding Spectrum of Human RYR2 -Related Disease. Circulation, 2007, 116, 1569-1576.	1.6	211
50	Increased DNA damage sensitivity of Cornelia de Lange syndrome cells: evidence for impaired recombinational repair. Human Molecular Genetics, 2007, 16, 1478-1487.	1.4	97
51	Human keratinocytes produce the complement inhibitor factor I: Synthesis is regulated by interferon-Î³. Molecular Immunology, 2007, 44, 2943-2949.	1.0	26
52	Large genomic rearrangements in NIPBL are infrequent in Cornelia de Lange Syndrome. European Journal of Human Genetics, 2007, 15, 505-508.	1.4	21
53	A Novel Early Onset Lethal Form of Catecholaminergic Polymorphic Ventricular Tachycardia Maps to Chromosome 7p14-p22. Journal of Cardiovascular Electrophysiology, 2007, 18, 1060-1066.	0.8	74
54	P6-1. Heart Rhythm, 2006, 3, S301-S302.	0.3	0

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55	Arrhythmogenic right ventricular cardiomyopathy due to a novel plakophilin 2 mutation: Wide spectrum of disease in mutation carriers within a family. Heart Rhythm, 2006, 3, 939-944.	0.3	40
56	Long-QT syndrome-related sodium channel mutations probed by the dynamic action potential clamp technique. Journal of Physiology, 2006, 570, 237-250.	1.3	43
57	Plakophilin-2 Mutations Are the Major Determinant of Familial Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. Circulation, 2006, 113, 1650-1658.	1.6	326
58	Role of sequence variations in the human ether-a-go-go-related gene (HERG, KCNH2) in the Brugada syndrome. Cardiovascular Research, 2005, 68, 441-453.	1.8	63
59	HERG Channel (Dys)function Revealed by Dynamic Action Potential Clamp Technique. Biophysical Journal, 2005, 88, 566-578.	0.2	90
60	De Novo Mutation in the SCN5A Gene Associated With Early Onset of Sudden Infant Death. Circulation, 2001, 104, 1158-1164.	1.6	176