Zahurul A Bhuiyan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8535514/publications.pdf

Version: 2024-02-01

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	Left Cardiac Sympathetic Denervation for Catecholaminergic Polymorphic Ventricular Tachycardia. New England Journal of Medicine, 2008, 358, 2024-2029.	13.9	377
2	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
3	Plakophilin-2 Mutations Are the Major Determinant of Familial Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. Circulation, 2006, 113, 1650-1658.	1.6	326
4	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
5	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
6	Expanding Spectrum of Human RYR2 -Related Disease. Circulation, 2007, 116, 1569-1576.	1.6	211
7	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
8	De Novo Mutation in the SCN5A Gene Associated With Early Onset of Sudden Infant Death. Circulation, 2001, 104, 1158-1164.	1.6	176
9	Novel Calmodulin Mutations Associated With Congenital Arrhythmia Susceptibility. Circulation: Cardiovascular Genetics, 2014, 7, 466-474.	5.1	165
10	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
11	Familial Evaluation in Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 748-756.	2.1	144
12	Calmodulin mutations and life-threatening cardiac arrhythmias: insights from the International Calmodulinopathy Registry. European Heart Journal, 2019, 40, 2964-2975.	1.0	116
13	<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
14	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
15	HERG Channel (Dys)function Revealed by Dynamic Action Potential Clamp Technique. Biophysical Journal, 2005, 88, 566-578.	0.2	90
16	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
17	Desmoglein-2 and Desmocollin-2 Mutations in Dutch Arrhythmogenic Right Ventricular Dysplasia/Cardiomypathy Patients. Circulation: Cardiovascular Genetics, 2009, 2, 418-427.	5.1	77
18	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

#	Article	IF	Citations
19	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
20	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
21	Novel calmodulin mutations associated with congenital long QT syndrome affect calcium current in human cardiomyocytes. Heart Rhythm, 2016, 13, 2012-2019.	0.3	58
22	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
23	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
24	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
25	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
26	Genetic Mosaicism in Calmodulinopathy. Circulation Genomic and Precision Medicine, 2019, 12, 375-385.	1.6	33
27	Sudden cardiac death in forensic medicine â€“ Swiss recommendations for a multidisciplinary approach. Swiss Medical Weekly, 2015, 145, w14129.	0.8	30
28	Human keratinocytes produce the complement inhibitor factor I: Synthesis is regulated by interferon-Î³. Molecular Immunology, 2007, 44, 2943-2949.	1.0	26
29	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
30	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
31	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
32	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
33	ACTN2 variant associated with a cardiac phenotype suggestive of left-dominant arrhythmogenic cardiomyopathy. HeartRhythm Case Reports, 2020, 6, 15-19.	0.2	22
34	Large genomic rearrangements in NIPBL are infrequent in Cornelia de Lange Syndrome. European Journal of Human Genetics, 2007, 15, 505-508.	1.4	21
35	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
36	Digenic Inheritance of LAMA4 and MYH7 Mutations in Patient with Infantile Dilated Cardiomyopathy. Medicina (Lithuania), 2019, 55, 17.	0.8	17

#	Article	IF	Citations
37	Life-threatening arrhythmias with autosomal recessive TECRL variants. Europace, 2021, 23, 781-788.	0.7	17
38	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
39	Congenital Long QT Syndrome: An Update and Present Perspective in Saudi Arabia. Frontiers in Pediatrics, 2013, 1, 39.	0.9	15
40	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
41	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
42	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
43	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
44	SCN5A mutations in atrial fibrillation. Heart Rhythm, 2010, 7, 1870-1871.	0.3	5
45	Genotype and clinical characteristics of congenital long QT syndrome in Thailand. Indian Pacing and Electrophysiology Journal, 2018, 18, 165-171.	0.3	5
46	Silent mutation in long QT syndrome: Pathogenicity prediction by computer simulation. Heart Rhythm, 2012, 9, 283-284.	0.3	4
47	Autosomal recessive long QT syndrome, type 1 in eight families from Saudi Arabia. Molecular Genetics & Genomic Medicine, 2017, 5, 592-601.	0.6	4
48	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
49	SCN5A Overlap Syndromes: an open-minded approach. Heart Rhythm, 2022, , .	0.3	2
50	Pheochromocytoma Masked by Mutation in the TH Gene. Clinical Chemistry, 2016, 62, 924-928.	1.5	1
51	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
52	Discordance Between Germline and Blood Mosaicism in Calmodulinopathy. Circulation Genomic and Precision Medicine, 2022, 15, 101161CIRCGEN121003695.	1.6	1
53	P6-1. Heart Rhythm, 2006, 3, S301-S302.	0.3	0
54	Desmosomal mutations across the fence. Heart Rhythm, 2011, 8, 1222-1223.	0.3	0

#	Article	IF	Citations
55	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
56	Cardiology in the Post-Genomic Era : Road to Personalized Medicine. Bangladesh Heart Journal, 2017, 32, 1-2.	0.1	0
57	Sudden Cardiac Death and Catecholaminergic Polymorphic Ventricular Tachycardia: What Genetic Medicine could offer. Cardiovascular Journal, 2021, 13, 106-111.	0.0	0
58	Editorial: Monogenic vs. Oligogenic Reclassification. Frontiers in Genetics, 2021, 12, 821591.	1.1	0
59	Abstract 16441: Novel Calmodulin Mutations Cause Congenital Long QT Syndrome and Affect Calcium Current in Human Cardiomyocytes. Circulation, 2015, 132, .	1.6	0
60	Consultation multidisciplinaire de cardiogÃ©nÃ©tique. Revue Medicale Suisse, 2017, 13, 1094-1099.	0.0	0