Elena Burashnikov

List of Publications by Year
in descending order

24 papers	4,010 citations	331670 21 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	2845 citing authors

#	Article	IF	Citations
1	Loss-of-Function Mutations in the Cardiac Calcium Channel Underlie a New Clinical Entity Characterized by ST-Segment Elevation, Short QT Intervals, and Sudden Cardiac Death. Circulation, 2007, 115, 442-449.	1.6	864
2	Sudden Death Associated With Short-QT Syndrome Linked to Mutations in HERG. Circulation, 2004, 109, 30-35.	1.6	804
3	Mutations in the cardiac L-type calcium channel associated with inherited J-wave syndromes and sudden cardiac death. Heart Rhythm, 2010, 7, 1872-1882.	0.7	387
4	Functional Effects of KCNE3 Mutation and Its Role in the Development of Brugada Syndrome. Circulation: Arrhythmia and Electrophysiology, 2008, 1, 209-218.	4.8	291
5	De novo KCNQ1 mutation responsible for atrial fibrillation and short QT syndrome in utero. Cardiovascular Research, 2005, 68, 433-440.	3.8	280
6	A Mutation in the Î²3 Subunit of the Cardiac Sodium Channel Associated With Brugada ECG Phenotype. Circulation: Cardiovascular Genetics, 2009, 2, 270-278.	5.1	232
7	Molecular genetic and functional association of Brugada and early repolarization syndromes with S422L missense mutation in KCNJ8. Heart Rhythm, 2012, 9, 548-555.	0.7	152
8	Gain of function in IKs secondary to a mutation in KCNE5 associated with atrial fibrillation. Heart Rhythm, 2008, 5, 427-435.	0.7	117
9	ABCC9 is a novel Brugada and early repolarization syndrome susceptibility gene. International Journal of Cardiology, 2014, 171, 431-442.	1.7	113
10	Accelerated inactivation of the L-type calcium current due to a mutation in CACNB2b underlies Brugada syndrome. Journal of Molecular and Cellular Cardiology, 2009, 46, 695-703.	1.9	104
11	A novel rare variant in SCN1Bb linked to Brugada syndrome and SIDS by combined modulation of Na 1.5 and K 4.3 channel currents. Heart Rhythm, 2012, 9, 760-769.	0.7	104
12	Compound Heterozygous Mutations P336L and I1660V in the Human Cardiac Sodium Channel Associated With the Brugada Syndrome. Circulation, 2006, 114, 2026-2033.	1.6	102
13	High prevalence of concealed Brugada syndrome in patients with atrioventricular nodal reentrant tachycardia. Heart Rhythm, 2015, 12, 1584-1594.	0.7	86
14	Novel mutation in the SCN5A gene associated with arrhythmic storm development during acute myocardial infarction. Heart Rhythm, 2007, 4, 1072-1080.	0.7	58
15	Genetic and biophysical basis for bupivacaine-induced ST segment elevation and VT/VF. Anesthesia unmasked Brugada syndrome. Heart Rhythm, 2006, 3, 1074-1078.	0.7	53
16	A Common Single Nucleotide Polymorphism Can Exacerbate Long-QT Type 2 Syndrome Leading to Sudden Infant Death. Circulation: Cardiovascular Genetics, 2010, 3, 199-206.	5.1	53
17	Cryptic 5? splice site activation in SCN5A associated with Brugada syndrome. Journal of Molecular and Cellular Cardiology, 2005, 38, 555-560.	1.9	51
18	Further Insights in the Most Common SCN5A Mutation Causing Overlapping Phenotype of Long QT Syndrome, Brugada Syndrome, and Conduction Defect. Journal of the American Heart Association, 2016, 5, .	3.7	46

#	Article	IF	Citations
19	Dual Variation inâ€‚SCN5Aâ€‚andâ€‚CACNB2bâ€‚Underlies the Development of Cardiac Conduction Disease without Brugada Syndrome. PACE - Pacing and Clinical Electrophysiology, 2010, 33, 274-285.	1.2	37
20	Biophysical and Molecular Characterization of a Novel De Novo KCNJ2 Mutation Associated With Andersen-Tawil Syndrome and Catecholaminergic Polymorphic Ventricular Tachycardia Mimicry. Circulation: Cardiovascular Genetics, 2011, 4, 51-57.	5.1	31
21	LQT5 masquerading as LQT2: a dominant negative effect of KCNE1-D85N rare polymorphism on KCNH2 current. Europace, 2011, 13, 1478-1483.	1.7	21
22	Coexistence of atrioventricular accessory pathways and drugâ€‐induced type 1 Brugada pattern. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1078-1092.	1.2	13
23	Mutations in NaV1.5 Reveal Calcium-Calmodulin Regulation of Sodium Channel. Frontiers in Physiology, 2019, 10, 700.	2.8	10
24	Abstract 4413: Accelerated Inactivation of the L-type Calcium due to a Mutation in CACNB2b Underlies the Development of a Brugada ECG Phenotype. Circulation, 2008, 118, .	1.6	1