Ahmad S Amin

List of Publications by Year
in descending order

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48 papers	2,733 citations	236925 25 h-index	254184 43 g-index
48 all docs	48 docs citations	48 times ranked	3304 citing authors

#	Article	IF	Citations
1	Clinical applicability of artificial intelligence for patients with an inherited heart disease: A scoping review. Trends in Cardiovascular Medicine, 2023, 33, 274-282.	4.9	6
2	Diagnosis, management and therapeutic strategies for congenital long QT syndrome. Heart, 2022, 108, 332-338.	2.9	73
3	Evaluation of gene validity for CPVT and short QT syndrome in sudden arrhythmic death. European Heart Journal, 2022, 43, 1500-1510.	2.2	57
4	European Reference Network for rare, low prevalence, or complex diseases of the heart (ERN) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.2	1
5	Enhancing rare variant interpretation in inherited arrhythmias through quantitative analysis of consortium disease cohorts and population controls. Genetics in Medicine, 2021, 23, 47-58.	2.4	57
6	Computer versus cardiologist: Is a machine learning algorithm able to outperform an expert in diagnosing a phospholamban p.Arg14del mutation on the electrocardiogram?. Heart Rhythm, 2021, 18, 79-87.	0.7	26
7	Improving electrocardiogram-based detection of rare genetic heart disease using transfer learning: An application to phospholamban p.Arg14del mutation carriers. Computers in Biology and Medicine, 2021, 131, 104262.	7.0	28
8	The Î²-angle can help guide clinical decisions in the diagnostic work-up of patients suspected of Brugada syndrome: a validation study of the Î²-angle in determining the outcome of a sodium channel provocation test. Europace, 2021, 23, 2020-2028.	1.7	3
9	Echocardiographic deformation imaging unmasks global and regional mechanical dysfunction in patients with idiopathic ventricular fibrillation: AÂmulticenter case-control study. Heart Rhythm, 2021, 18, 1666-1672.	0.7	5
10	Patients with a DPP6 risk- haplotype for familial idiopathic ventricular fibrillation have normal left systolic function but abnormal deformation. European Heart Journal Cardiovascular Imaging, 2021, 22, .	1.2	0
11	Left Axis Deviation in Brugada Syndrome: Vectorcardiographic Evaluation during Ajmaline Provocation Testing Reveals Additional Depolarization Abnormalities. International Journal of Molecular Sciences, 2021, 22, 484.	4.1	5
12	SCN5a overlap syndromesâ€"This episode: Long QT syndrome type 3 meets multifocal ectopic Purkinje-related premature contractions. Heart Rhythm, 2020, 17, 1777-1778.	0.7	4
13	Common and rare susceptibility genetic variants predisposing to Brugada syndrome in Thailand. Heart Rhythm, 2020, 17, 2145-2153.	0.7	23
14	An International, Multicentered, Evidence-Based Reappraisal of Genes Reported to Cause Congenital Long QT Syndrome. Circulation, 2020, 141, 418-428.	1.6	238
15	Predicting cardiac electrical response to sodium-channel blockade and Brugada syndrome using polygenic risk scores. European Heart Journal, 2019, 40, 3097-3107.	2.2	55
16	P4373Post systolic shortening in the apex of the left ventricular is a typical finding in patients with PLN mutation. European Heart Journal, 2019, 40, .	2.2	0
17	RBM20 Mutations Induce an Arrhythmogenic Dilated Cardiomyopathy Related to Disturbed Calcium Handling. Circulation, 2018, 138, 1330-1342.	1.6	152
18	The phenotype is equally important in promoting variants from benign to pathogenic as well as in demoting variants from pathogenic to benign. Heart Rhythm, 2018, 15, 562-563.	0.7	1

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19	Clinical Spectrum of SCN5A Mutations. JACC: Clinical Electrophysiology, 2018, 4, 569-579.	3.2	198
20	SCN5A mutation type and topology are associated with the risk of ventricular arrhythmia by sodium channel blockers. International Journal of Cardiology, 2018, 266, 128-132.	1.7	21
21	Inheritable Potassium Channel Diseases. , 2018, , 494-503.		1
22	Disease Modifiers of Inherited SCN5A Channelopathy. Frontiers in Cardiovascular Medicine, 2018, 5, 137.	2.4	28
23	Response to letter from Drs. Li et al. regarding our paper in Int. J. Cardiol. 2018. Doi: 10.1016/j.ijcard.2017.09.010: SCN5A mutation type and topology are associated with the risk of ventricular arrhythmia by sodium channel blockers. International Journal of Cardiology, 2018, 271, 124.	1.7	0
24	The future of sudden cardiac death research. Progress in Pediatric Cardiology, 2017, 45, 49-54.	0.4	5
25	Yield and Pitfalls of Ajmaline Testing in theÂEvaluation of Unexplained Cardiac Arrest and Sudden Unexplained Death. JACC: Clinical Electrophysiology, 2017, 3, 1400-1408.	3.2	34
26	Letter by Amin et al Regarding Article, â€œGenetic Modifiers for the Long-QT Syndrome: How Important Is the Role of Variants in the 3â€² Untranslated Region of KCNQ1?â€• Circulation: Cardiovascular Genetics, 2016, 9, 580-580.	5.1	2
27	Prognostic significance of fever-induced Brugada syndrome. Heart Rhythm, 2016, 13, 1515-1520.	0.7	68
28	Genetic Control of Potassium Channels. Cardiac Electrophysiology Clinics, 2016, 8, 285-306.	1.7	5
29	Genetic screening in acquired long QT syndrome? CAUTION: proceed carefully. European Heart Journal, 2016, 37, 1465-1468.	2.2	3
30	Coronary ectasia and repeated myocardial infarction in a young man. International Journal of Cardiology, 2014, 171, e74-e75.	1.7	1
31	SCN5A-related dilated cardiomyopathy: What do we know?. Heart Rhythm, 2014, 11, 1454-1455.	0.7	15
32	Long QT syndrome: beyond the causal mutation. Journal of Physiology, 2013, 591, 4125-4139.	2.9	53
33	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.	2.2	47
34	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.	2.2	130
35	Facilitatory and inhibitory effects of SCN5A mutations on atrial fibrillation in Brugada syndrome. Europace, 2011, 13, 968-975.	1.7	38
36	Fever-triggered ventricular arrhythmias in Brugada syndrome and type 2 long-QT syndrome. Netherlands Heart Journal, 2010, 18, 165-169.	0.8	47

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37	Cardiac sodium channelopathies. Pflugers Archiv European Journal of Physiology, 2010, 460, 223-237.	2.8	173
38	Tubulin polymerization modifies cardiac sodium channel expression and gating. Cardiovascular Research, 2010, 85, 691-700.	3.8	68
39	Cardiac ion channels in health and disease. Heart Rhythm, 2010, 7, 117-126.	0.7	173
40	SCN5A mutations in atrial fibrillation. Heart Rhythm, 2010, 7, 1870-1871.	0.7	5
41	Genetically Determined Differences in Sodium Current Characteristics Modulate Conduction Disease Severity in Mice With Cardiac Sodium Channelopathy. Circulation Research, 2009, 104, 1283-1292.	4.5	86
42	Exercise-Induced ECG Changes in Brugada Syndrome. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 531-539.	4.8	99
43	Drugs and Brugada syndrome patients: Review of the literature, recommendations, and an up-to-date website (www.brugadadrugs.org). Heart Rhythm, 2009, 6, 1335-1341.	0.7	342
44	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.	2.9	44
45	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.	0.7	58
46	Fever Increases the Risk for Cardiac Arrest in the Brugada Syndrome. Annals of Internal Medicine, 2008, 149, 216.	3.9	131
47	Fever-induced QTc prolongation and ventricular arrhythmias in individuals with type 2 congenital long QT syndrome. Journal of Clinical Investigation, 2008, 118, 2552-61.	8.2	73
48	Novel Brugada syndromeâ€¢causing mutation in ionâ€¢conducting pore of cardiac Na⁺ channel does not affect ion selectivity properties. Acta Physiologica Scandinavica, 2005, 185, 291-301.	2.2	51