

Gan-Xin Yan

List of Publications by Year in descending order

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108
papers

10,512
citations

50276

46
h-index

32842

100
g-index

112
all docs

112
docs citations

112
times ranked

5848
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual atrial rhythms: a case report of an unusual cause of pacemaker syndrome. <i>European Heart Journal - Case Reports</i> , 2022, 6, ytab531.	0.6	1
2	Unusual Electrocardiographic Findings in an Elderly Patient With Syncope. <i>JAMA Internal Medicine</i> , 2022, 182, 440.	5.1	1
3	Utility of Normalized TdP Score System in Drug Proarrhythmic Potential Assessment: A Blinded <i>in vitro</i> Study of CiPA Drugs. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 1606-1617.	4.7	11
4	Arrhythmogenic Mechanisms in Hypokalaemia: Insights From Pre-clinical Models. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 620539.	2.4	14
5	Sustained Postural Wide QRS Complex Tachycardia in an Intensive Care Unit Patient. <i>JAMA Internal Medicine</i> , 2021, 181, 693.	5.1	0
6	Beat-to-Beat Variation in QRS Morphology Following Transcatheter Aortic Valve Replacement. <i>JAMA Internal Medicine</i> , 2021, 181, 990.	5.1	1
7	Genotype-Phenotype Correlation of <i>SCN5A</i> Genotype in Patients With Brugada Syndrome and Arrhythmic Events: Insights From the SABRUS in 392 Proband. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003222.	3.6	7
8	Inverse decremental conduction heralds complete atrioventricular block following transcatheter aortic valve replacement. <i>HeartRhythm Case Reports</i> , 2021, 7, 820-824.	0.4	2
9	Delta QRS distinguishes ϵ -mediated J waves from pseudo J waves produced by conduction delay on body surface electrocardiographic. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 1832-1841.	1.2	1
10	An Open Invitation to Join the International Brugada Electrocardiographic Indices Registry. <i>Cardiovascular Innovations and Applications</i> , 2020, 4, .	0.3	0
11	Electrocardiographic J wave: Early repolarization, Brugada wave, and conduction delay. <i>Heart Rhythm</i> , 2019, 16, 81-82.	0.7	0
12	Ethnic differences in patients with Brugada syndrome and arrhythmic events: New insights from Survey on Arrhythmic Events in Brugada Syndrome. <i>Heart Rhythm</i> , 2019, 16, 1468-1474.	0.7	22
13	Characterization and Management of Arrhythmic Events in Young Patients With Brugada Syndrome. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1756-1765.	2.8	53
14	Time-to-first appropriate shock in patients implanted prophylactically with an implantable cardioverter-defibrillator: data from the Survey on Arrhythmic Events in BRUGada Syndrome (SABRUS). <i>Europace</i> , 2019, 21, 796-802.	1.7	16
15	Meta-analysis of T peak ϵ -T end and T peak ϵ -T end /QT ratio for risk stratification in congenital long QT syndrome. <i>Journal of Electrocardiology</i> , 2018, 51, 396-401.	0.9	24
16	Fever-related arrhythmic events in the multicenter Survey on Arrhythmic Events in Brugada Syndrome. <i>Heart Rhythm</i> , 2018, 15, 1394-1401.	0.7	71
17	Profile of patients with Brugada syndrome presenting with their first documented arrhythmic event: Data from the Survey on Arrhythmic Events in BRUGada Syndrome (SABRUS). <i>Heart Rhythm</i> , 2018, 15, 716-724.	0.7	57
18	A meta-analysis on the prognostic significance of inferolateral early repolarization pattern in Brugada syndrome. <i>Europace</i> , 2018, 20, 134-139.	1.7	22

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19	Predictive Value of Tpeak -Tend Indices for Adverse Outcomes in Acquired QT Prolongation: A Meta-Analysis. <i>Frontiers in Physiology</i> , 2018, 9, 1226.	2.8	23
20	Gender differences in patients with Brugada syndrome and arrhythmic events: Data from a survey on arrhythmic events in 678 patients. <i>Heart Rhythm</i> , 2018, 15, 1457-1465.	0.7	65
21	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. <i>Europace</i> , 2017, 19, euw235.	1.7	172
22	Synergistic Effect of Dofetilide and Mexiletine on Prevention of Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	7
23	The T peak -T end interval as an electrocardiographic risk marker of arrhythmic and mortality outcomes: A systematic review and meta-analysis. <i>Heart Rhythm</i> , 2017, 14, 1131-1137.	0.7	133
24	Role of ranolazine in the prevention and treatment of atrial fibrillation: A meta-analysis of randomized clinical trials. <i>Heart Rhythm</i> , 2017, 14, 3-11.	0.7	41
25	Age of First Arrhythmic Event in Brugada Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	57
26	Meta-analysis of T-wave indices for risk stratification in myocardial infarction. <i>Journal of Geriatric Cardiology</i> , 2017, 14, 776-779.	0.2	10
27	J Wave Syndromes: History and Current Controversies. <i>Korean Circulation Journal</i> , 2016, 46, 601.	1.9	11
28	Assessment of drug-induced proarrhythmia: The importance of study design in the rabbit left ventricular wedge model. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016, 81, 151-160.	0.7	14
29	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. <i>Heart Rhythm</i> , 2016, 13, e295-e324.	0.7	322
30	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. <i>Journal of Arrhythmia</i> , 2016, 32, 315-339.	1.2	125
31	How to determine cardiac ion channels targeted by drugs using the isolated rabbit ventricular wedge model. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016, 81, 161-170.	0.7	7
32	MY APPROACH to early repolarization syndrome. <i>Trends in Cardiovascular Medicine</i> , 2016, 26, 393-394.	4.9	0
33	Notching early repolarization pattern in inferior leads increases risk of ventricular tachyarrhythmias in patients with acute myocardial infarction: a meta-analysis. <i>Scientific Reports</i> , 2015, 5, 15845.	3.3	11
34	J Wave Syndromes. <i>Chinese Medical Journal</i> , 2015, 128, 969-975.	2.3	6
35	Mexiletine Prevents Recurrent Torsades de Pointes in Acquired Long QT Syndrome Refractory to Conventional Measures. <i>JACC: Clinical Electrophysiology</i> , 2015, 1, 315-322.	3.2	53
36	Cellular and ionic basis of J-wave syndromes. <i>Trends in Cardiovascular Medicine</i> , 2015, 25, 12-21.	4.9	32

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37	Heterogeneous distribution of INa-L determines interregional differences in rate adaptation of repolarization. <i>Heart Rhythm</i> , 2015, 12, 1295-1303.	0.7	30
38	The Early Repolarization Pattern. <i>Journal of the American College of Cardiology</i> , 2015, 66, 470-477.	2.8	306
39	J-wave syndromes: Brugada and early repolarization syndromes. <i>Heart Rhythm</i> , 2015, 12, 1852-1866.	0.7	120
40	Cardiac Metastasis Causing Right Bundle Branch Block and Recurrent Septal Ventricular Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 793-794.	1.7	0
41	Two Types of T Wave Alternans in Long-QT Syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 910-912.	1.7	3
42	The impact of medical malpractice litigation on cardiovascular practice in the US and China. <i>International Journal of Cardiology</i> , 2014, 177, 48-50.	1.7	7
43	Ventricular hypertrophy amplifies transmural dispersion of repolarization by preferentially increasing the late sodium current in endocardium. <i>Journal of Electrocardiology</i> , 2014, 47, 642-648.	0.9	9
44	A new biomarker "index of Cardiac Electrophysiological Balance (iCEB)" plays an important role in drug-induced cardiac arrhythmias: beyond QT-prolongation and Torsades de Pointes (TdPs). <i>Journal of Pharmacological and Toxicological Methods</i> , 2013, 68, 250-259.	0.7	90
45	L539Afs/47, a truncated mutation of human ether-à-go-go-related gene (<sc>hERG</sc>), decreases <sc>hERG</sc> ion channel currents in HEK 293 cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 28-36.	1.9	12
46	Wenxin Keli Suppresses Ventricular Triggered Arrhythmias via Selective Inhibition of Late Sodium Current. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 732-740.	1.2	36
47	Inhibition of Late Sodium Current by Mexiletine. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 614-622.	4.8	75
48	<i>In Vitro</i> Cardiovascular Effects of Dihydroartemisin-Piperaquine Combination Compared with Other Antimalarials. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3261-3270.	3.2	49
49	Differentiating electrophysiological effects and cardiac safety of drugs based on the electrocardiogram: A blinded validation. <i>Heart Rhythm</i> , 2012, 9, 1706-1715.	0.7	19
50	The J Wave Syndromes and Their Role in Sudden Cardiac Death. <i>Cardiac Electrophysiology Clinics</i> , 2011, 3, 47-56.	1.7	3
51	Contribution of late sodium current (INa-L) to rate adaptation of ventricular repolarization and reverse use-dependence of QT-prolonging agents. <i>Heart Rhythm</i> , 2011, 8, 762-769.	0.7	49
52	Role of Antiarrhythmic Drugs: Frequent Implantable Cardioverter-Defibrillator Shocks, Risk of Proarrhythmia, and New Drug Therapy. <i>Heart Failure Clinics</i> , 2011, 7, 195-205.	2.1	10
53	Instability of type 1 Brugada wave: A more sensitive ECG predictor of cardiac events?. <i>Heart Rhythm</i> , 2011, 8, 1022-1023.	0.7	0
54	Inhibition of Triggered Activities in Pulmonary Veins. <i>Journal of the American College of Cardiology</i> , 2011, 57, 994-995.	2.8	0

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55	Rationale for the Use of the Terms J-Wave Syndromes and Early Repolarization. Journal of the American College of Cardiology, 2011, 57, 1587-1590.	2.8	62
56	A novel mutation in the KCNH2 gene associated with short QT syndrome. Journal of Molecular and Cellular Cardiology, 2011, 50, 433-441.	1.9	69
57	Electrophysiological Properties of HBI-3000: A New Antiarrhythmic Agent With Multiple-channel Blocking Properties in Human Ventricular Myocytes. Journal of Cardiovascular Pharmacology, 2011, 57, 79-85.	1.9	51
58	Modulation of the late sodium current by ATX-II and ranolazine affects the reverse use-dependence and proarrhythmic liability of I _{Kr} blockade. British Journal of Pharmacology, 2011, 164, 308-316.	5.4	30
59	J-wave syndromes. From cell to bedside. Journal of Electrocardiology, 2011, 44, 656-661.	0.9	44
60	Atrial Fibrillation: Pharmacological Therapy. Current Problems in Cardiology, 2011, 36, 87-120.	2.4	6
61	Predicting drug-induced slowing of conduction and proarrhythmia: identifying the "bad" sodium current blockers. British Journal of Pharmacology, 2010, 160, 60-76.	5.4	64
62	Vanoxerine: Cellular Mechanism of a New Antiarrhythmic. Journal of Cardiovascular Electrophysiology, 2010, 21, 301-310.	1.7	38
63	Evaluation of Toxicity for Heart Failure Therapeutics. Circulation: Heart Failure, 2010, 3, 547-555.	3.9	19
64	Short QT Syndrome: From Bench to Bedside. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 401-408.	4.8	132
65	J wave syndromes. Heart Rhythm, 2010, 7, 549-558.	0.7	524
66	Should Catheter Ablation be the Preferred Therapy for Reducing ICD Shocks?. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 705-712.	4.8	11
67	Dronedarone. Circulation, 2009, 120, 636-644.	1.6	142
68	Is there a significant transmural gradient in repolarization time in the intact heart?. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 80-88.	4.8	78
69	Pharmacotherapy of Cardiac Arrhythmias—Basic Science for Clinicians. PACE - Pacing and Clinical Electrophysiology, 2009, 32, 1454-1465.	1.2	17
70	Role of signal-averaged electrocardiograms in arrhythmic risk stratification of patients with Brugada syndrome: A prospective study. Heart Rhythm, 2009, 6, 1156-1162.	0.7	88
71	A Rare Cause of 2:1 AV Block: Long QT Syndrome. Journal of Cardiovascular Electrophysiology, 2008, 19, 990-990.	1.7	5
72	Tp-e/QT ratio as an index of arrhythmogenesis. Journal of Electrocardiology, 2008, 41, 567-574.	0.9	478

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73	Role of late sodium current in modulating the proarrhythmic and antiarrhythmic effects of quinidine. <i>Heart Rhythm</i> , 2008, 5, 1726-1734.	0.7	80
74	L-type calcium current recovery versus ventricular repolarization: preserved membrane-stabilizing mechanism for different QT intervals across species. <i>Heart Rhythm</i> , 2008, 5, 271-279.	0.7	34
75	Ventricular transmural repolarization sequence: its relationship with ventricular relaxation and role in ventricular diastolic function. <i>European Heart Journal</i> , 2008, 30, 372-380.	2.2	47
76	Does Tpeak-Tend provide an index of transmural dispersion of repolarization?. <i>Heart Rhythm</i> , 2007, 4, 1114-1116.	0.7	236
77	Race and gender equality in health care: Are we there yet?. <i>Heart Rhythm</i> , 2007, 4, 1427-1429.	0.7	1
78	Discarding the Baby with the Bathwater. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2007, 30, 1429-1431.	1.2	2
79	L-Type Calcium Current Reactivation Contributes to Arrhythmogenesis Associated with Action Potential Triangulation. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 196-203.	1.7	78
80	Blinded validation of the isolated arterially perfused rabbit ventricular wedge in preclinical assessment of drug-induced proarrhythmias. <i>Heart Rhythm</i> , 2006, 3, 948-956.	0.7	118
81	"Doctor, Why Didn't You Tell Me About This Before the ICD?". <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 296-297.	1.7	0
82	The meta-analysis: supportive or illuminating?. <i>European Heart Journal</i> , 2006, 27, 2744-2745.	2.2	0
83	Assessment of the Proarrhythmic Potential of the Novel Antiarrhythmic Agent AZD7009 and Dofetilide in Experimental Models of Torsades De Pointes. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 898-904.	1.7	47
84	ECG Repolarization Waves: Their Genesis and Clinical Implications. <i>Annals of Noninvasive Electrocardiology</i> , 2005, 10, 211-223.	1.1	84
85	ST-segment elevation in the early repolarization syndrome, idiopathic ventricular fibrillation, and the Brugada syndrome: cellular and clinical linkage. <i>Journal of Electrocardiology</i> , 2005, 38, 26-32.	0.9	99
86	Mechanisms underlying arrhythmogenesis in long QT syndrome. <i>Journal of Electrocardiology</i> , 2005, 38, 69-73.	0.9	66
87	The QT and Tp-e intervals in left and right chest leads: comparison between patients with systemic and pulmonary hypertension. <i>Journal of Electrocardiology</i> , 2005, 38, 154-158.	0.9	33
88	Proarrhythmias and Antiarrhythmias: Two Sides of the Same Coin. <i>Heart Rhythm</i> , 2005, 2, 957-959.	0.7	14
89	Accurate interpretation of the QT interval: A vital task that remains unaccomplished. <i>Heart Rhythm</i> , 2005, 2, 575-577.	0.7	11
90	Phase 2 Reentry as a Trigger to Initiate Ventricular Fibrillation During Early Acute Myocardial Ischemia. <i>Circulation</i> , 2004, 110, 1036-1041.	1.6	146

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91	Electrocardiographic T Wave:. Journal of Cardiovascular Electrophysiology, 2003, 14, 639-640.	1.7	50
92	Overview of the Management of Atrial Fibrillation:. Journal of Cardiovascular Electrophysiology, 2003, 14, S275-S280.	1.7	10
93	Ventricular repolarization components on the electrocardiogram. Journal of the American College of Cardiology, 2003, 42, 401-409.	2.8	246
94	Effect of Epicardial or Biventricular Pacing to Prolong QT Interval and Increase Transmural Dispersion of Repolarization. Circulation, 2003, 107, 740-746.	1.6	328
95	Electrophysiologic Effects of SB-237376: A New Antiarrhythmic Compound with Dual Potassium and Calcium Channel Blocking Action. Journal of Cardiovascular Pharmacology, 2003, 41, 414-421.	1.9	13
96	Current concepts in the management of long QT syndrome. Expert Opinion on Therapeutic Patents, 2002, 12, 633-643.	5.0	8
97	Unique Topographical Distribution of M Cells Underlies Reentrant Mechanism of Torsade de Pointes in the Long-QT Syndrome. Circulation, 2002, 105, 1247-1253.	1.6	270
98	Ischemia Versus Amiodarone Induced Polymorphic Ventricular Tachycardia. PACE - Pacing and Clinical Electrophysiology, 2002, 25, 1382-1384.	1.2	1
99	Phase 2 Early Afterdepolarization as a Trigger of Polymorphic Ventricular Tachycardia in Acquired Long-QT Syndrome. Circulation, 2001, 103, 2851-2856.	1.6	250
100	ST Segment Elevation and Sudden Cardiac Death: From the Brugada Syndrome to Acute Myocardial Ischemia. Journal of Cardiovascular Electrophysiology, 2000, 11, 1330-1332.	1.7	18
101	Ventricular Fibrillation in a Patient with Prominent J (Osborn) Waves and ST Segment Elevation in the Inferior Electrocardiographic Leads:. Journal of Cardiovascular Electrophysiology, 2000, 11, 95-98.	1.7	221
102	Cellular Basis for the Brugada Syndrome and Other Mechanisms of Arrhythmogenesis Associated With ST-Segment Elevation. Circulation, 1999, 100, 1660-1666.	1.6	1,073
103	The M Cell:.. Journal of Cardiovascular Electrophysiology, 1999, 10, 1124-1152.	1.7	525
104	Cellular Basis for the Normal T Wave and the Electrocardiographic Manifestations of the Long-QT Syndrome. Circulation, 1998, 98, 1928-1936.	1.6	900
105	Characteristics and Distribution of M Cells in Arterially Perfused Canine Left Ventricular Wedge Preparations. Circulation, 1998, 98, 1921-1927.	1.6	431
106	Cellular and Ionic Mechanisms Underlying Erythromycin-Induced Long QT Intervals and Torsade de Pointes. Journal of the American College of Cardiology, 1996, 28, 1836-1848.	2.8	266
107	Cellular Basis for the Electrocardiographic J Wave. Circulation, 1996, 93, 372-379.	1.6	697
108	Recent Insights Pertaining to Sarcolemmal Phospholipid Alterations Underlying Arrhythmogenesis in the Ischemic Heart. Journal of Cardiovascular Electrophysiology, 1993, 4, 288-310.	1.7	39