

Yoshiyasu Aizawa

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

3,416
citations

218381

26
h-index

155451

55
g-index

120
all docs

120
docs citations

120
times ranked

4552
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. <i>Circulation</i> , 2007, 115, 442-449.	1.6	864
2	Cardiac Innervation and Sudden Cardiac Death. <i>Circulation Research</i> , 2015, 116, 2005-2019.	2.0	300
3	Disease characterization using LQTS-specific induced pluripotent stem cells. <i>Cardiovascular Research</i> , 2012, 95, 419-429.	1.8	171
4	Anatomical characteristics of the left atrial appendage in cardiogenic stroke with low CHADS2 scores. <i>Heart Rhythm</i> , 2013, 10, 921-925.	0.3	153
5	Gain of function in IKs secondary to a mutation in KCNE5 associated with atrial fibrillation. <i>Heart Rhythm</i> , 2008, 5, 427-435.	0.3	117
6	Dynamicity of the J-Wave in Idiopathic Ventricular Fibrillation With a Special Reference to Pause-Dependent Augmentation of the J-Wave. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1948-1953.	1.2	107
7	Role of HCN4 channel in preventing ventricular arrhythmia. <i>Journal of Human Genetics</i> , 2009, 54, 115-121.	1.1	84
8	Prevalence and Distribution of Sarcomeric Gene Mutations in Japanese Patients With Familial Hypertrophic Cardiomyopathy. <i>Circulation Journal</i> , 2012, 76, 453-461.	0.7	79
9	Electrical Storm in Idiopathic Ventricular Fibrillation Is Associated With Early Repolarization. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1015-1019.	1.2	73
10	Left atrial strain is a powerful predictor of atrial fibrillation recurrence after catheter ablation: study of a heterogeneous population with sinus rhythm or atrial fibrillation. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1008-14.	0.5	72
11	Electrical Storm in Patients With Brugada Syndrome Is Associated With Early Repolarization. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1122-1128.	2.1	64
12	Anti-KCNH2 Antibody-Induced Long QT Syndrome. <i>Journal of the American College of Cardiology</i> , 2007, 50, 1808-1809.	1.2	49
13	Cardiovascular risk factors are really linked in the metabolic syndrome: This phenomenon suggests clustering rather than coincidence. <i>International Journal of Cardiology</i> , 2006, 109, 213-218.	0.8	45
14	Distinct U Wave Changes in Patients With Catecholaminergic Polymorphic Ventricular Tachycardia (CPVT). <i>International Heart Journal</i> , 2006, 47, 381-389.	0.5	45
15	Real-Time Analysis of the Heart Rate Variability During Incremental Exercise for the Detection of the Ventilatory Threshold. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	42
16	Serum Inflammation Markers Predicting Successful Initial Catheter Ablation for Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2014, 23, 636-643.	0.2	41
17	Embryonic type Na ⁺ channel β -subunit, SCN3B masks the disease phenotype of Brugada syndrome. <i>Scientific Reports</i> , 2016, 6, 34198.	1.6	41
18	Efficacy and safety of bepridil for prevention of ICD shocks in patients with Brugada syndrome and idiopathic ventricular fibrillation. <i>International Journal of Cardiology</i> , 2013, 168, 5083-5085.	0.8	38

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19	Characteristics of electrocardiographic repolarization in acute myocardial infarction complicated by ventricular fibrillation. <i>Journal of Electrocardiology</i> , 2012, 45, 252-259.	0.4	37
20	Tachycardia-dependent augmentation of “notched J waves” in a general patient population without ventricular fibrillation or cardiac arrest: Not a repolarization but a depolarization abnormality?. <i>Heart Rhythm</i> , 2015, 12, 376-383.	0.3	37
21	Functionally validated <i>SCN5A</i> variants allow interpretation of pathogenicity and prediction of lethal events in Brugada syndrome. <i>European Heart Journal</i> , 2021, 42, 2854-2863.	1.0	37
22	Assessment of Sex Differences in the Initial Symptom Burden, Applied Treatment Strategy, and Quality of Life in Japanese Patients With Atrial Fibrillation. <i>JAMA Network Open</i> , 2019, 2, e191145.	2.8	33
23	Flecainide ameliorates arrhythmogenicity through NCX flux in Andersen-Tawil syndrome-iPS cell-derived cardiomyocytes. <i>Biochemistry and Biophysics Reports</i> , 2017, 9, 245-256.	0.7	32
24	Brugada Syndrome Behind Complete Right Bundle-Branch Block. <i>Circulation</i> , 2013, 128, 1048-1054.	1.6	31
25	Predictive factors of lead failure in patients implanted with cardiac devices. <i>International Journal of Cardiology</i> , 2015, 199, 277-281.	0.8	31
26	A novel mutation in FKBP12.6 binding region of the human cardiac ryanodine receptor gene (R2401H) in a Japanese patient with catecholaminergic polymorphic ventricular tachycardia. <i>International Journal of Cardiology</i> , 2005, 99, 343-345.	0.8	30
27	Thyroid Hormone Plays an Important Role in Cardiac Function: From Bench to Bedside. <i>Frontiers in Physiology</i> , 2021, 12, 606931.	1.3	30
28	Genome-wide association study of electrocardiographic parameters identifies a new association for PR interval and confirms previously reported associations. <i>Human Molecular Genetics</i> , 2014, 23, 6668-6676.	1.4	29
29	A Novel Mutation in <i>KCNQ1</i> Associated with a Potent Dominant Negative Effect as the Basis for the LQT1 Form of the Long QT Syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 972-977.	0.8	26
30	Distinct Features of Proband With Early Repolarization and Brugada Syndromes Carrying <i>SCN5A</i> Pathogenic Variants. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1603-1617.	1.2	22
31	Truncated <i>KCNQ1</i> mutant, A178fs/105, forms hetero-multimer channel with wild-type causing a dominant-negative suppression due to trafficking defect. <i>FEBS Letters</i> , 2004, 574, 145-150.	1.3	20
32	Over-expression of <i>Kv1.5</i> in rat cardiomyocytes extremely shortens the duration of the action potential and causes rapid excitation. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 1116-1121.	1.0	20
33	Circadian pattern of fibrillatory events in non-“Brugada-type idiopathic ventricular fibrillation with a focus on J waves. <i>Heart Rhythm</i> , 2014, 11, 2261-2266.	0.3	19
34	Pulmonary Artery Denervation by Determining Targeted Ablation Sites for Treatment of Pulmonary Arterial Hypertension. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	1.4	19
35	Association of Genetic and Clinical Aspects of Congenital Long QT Syndrome With Life-Threatening Arrhythmias in Japanese Patients. <i>JAMA Cardiology</i> , 2019, 4, 246.	3.0	19
36	Ventricular fibrillation associated with complete right bundle branch block. <i>Heart Rhythm</i> , 2013, 10, 1028-1035.	0.3	18

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37	Operator-blinded contact force monitoring during pulmonary vein isolation using conventional and steerable sheaths. <i>International Journal of Cardiology</i> , 2014, 177, 970-976.	0.8	18
38	Clinical characteristics of atrial fibrillation detected by implanted devices and its association with ICD therapy. <i>International Journal of Cardiology</i> , 2014, 172, e529-e530.	0.8	18
39	Optimal conditions for cardiac catheter ablation using photodynamic therapy. <i>Europace</i> , 2015, 17, 1309-1315.	0.7	18
40	Tachycardia-Induced J-Wave Changes in Patients With and Without Idiopathic Ventricular Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	18
41	Predictive factor and clinical consequence of left bundle-branch block after a transcatheter aortic valve implantation. <i>International Journal of Cardiology</i> , 2017, 227, 25-29.	0.8	16
42	Prevalence and clinical characteristics of obstructive- and central-dominant sleep apnea in candidates of catheter ablation for atrial fibrillation in Japan. <i>International Journal of Cardiology</i> , 2018, 260, 99-102.	0.8	16
43	Extreme QT prolongation during therapeutic hypothermia after cardiac arrest due to long QT syndrome. <i>American Journal of Emergency Medicine</i> , 2012, 30, 638.e5-638.e8.	0.7	15
44	Electrical superior vena cava isolation using photodynamic therapy in a canine model. <i>Europace</i> , 2016, 18, 294-300.	0.7	15
45	Sex-Dependent Phenotypic Variability of an <i>SCN5A</i> Mutation: Brugada Syndrome and Sick Sinus Syndrome. <i>Journal of the American Heart Association</i> , 2018, 7, e009387.	1.6	15
46	Three-dimensional imaging and mapping of the right and left phrenic nerves: relevance to interventional cardiovascular therapy. <i>Europace</i> , 2013, 15, 937-943.	0.7	14
47	Ridge-Related Reentry: A Variant of Perimitral Atrial Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 781-787.	0.8	14
48	Novel Mechanisms of Trafficking Defect Caused by <i>KCNQ1</i> Mutations Found in Long QT Syndrome. <i>Journal of Biological Chemistry</i> , 2009, 284, 35122-35133.	1.6	13
49	Diagnostic Accuracy of Commercially Available Automated External Defibrillators. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	13
50	Importance of the vein of Marshall involvement in mitral isthmus ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 617-624.	0.5	13
51	Improvement in the electrocardiograms associated with right ventricular hypertrophy after balloon pulmonary angioplasty in chronic thromboembolic pulmonary hypertension. <i>IJC Heart and Vasculature</i> , 2018, 19, 75-82.	0.6	12
52	Discrepancy in recognition of symptom burden among patients with atrial fibrillation. <i>American Heart Journal</i> , 2020, 226, 240-249.	1.2	12
53	Human cardiac ryanodine receptor mutations in ion channel disorders in Japan. <i>International Journal of Cardiology</i> , 2007, 116, 263-265.	0.8	11
54	Comparison of Antiarrhythmics Used in Patients With Paroxysmal Atrial Fibrillation:. <i>Circulation Journal</i> , 2010, 74, 71-76.	0.7	11

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55	Electrophysiological Properties of the Superior Vena Cava and Venoatrial Junction in Patients with Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 16-22.	0.8	11
56	Suppression of Rad leads to arrhythmogenesis via PKA-mediated phosphorylation of ryanodine receptor activity in the heart. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 701-707.	1.0	11
57	Assessment of atrial fibrillation ablation outcomes with clinic ECG, monthly 24-h Holter ECG, and twice-daily telemonitoring ECG. <i>Heart and Vessels</i> , 2017, 32, 317-325.	0.5	11
58	Implantation of the Right Ventricular Lead of an Implantable Cardioverter-Defibrillator Complicated by Apical Myocardial Infarction. <i>Circulation</i> , 2012, 126, 1314-1315.	1.6	10
59	Evaluation of Differences in Automated QT/QTc Measurements between Fukuda Denshi and Nihon Kodenshi Systems. <i>PLoS ONE</i> , 2014, 9, e106947.	1.1	10
60	Electrical Isolation of the Superior Vena Cava Using Upstream Phrenic Pacing to Avoid Phrenic Nerve Injury. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 1053-1060.	0.5	9
61	Effect of Compliance to Updated AHA/ACC Performance and Quality Measures Among Patients With Atrial Fibrillation on Outcome (from Japanese Multicenter Registry). <i>American Journal of Cardiology</i> , 2017, 120, 595-600.	0.7	9
62	A Double-Point Mutation in the Selectivity Filter Site of the KCNQ1 Potassium Channel Results in a Severe Phenotype, LQT1, of Long QT Syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 541-549.	0.8	8
63	Recurrent Torsade de Pointes During Mild Hypothermia Therapy for a Survivor of Sudden Cardiac Arrest Due to Drug-Induced Long QT Syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 462-463.	0.8	8
64	Visualization of the left atrial appendage by phased-array intracardiac echocardiography from the pulmonary artery in patients with atrial fibrillation. <i>Europace</i> , 2015, 17, 546-551.	0.7	8
65	Effect of Nocturnal Intermittent Hypoxia on Left Atrial Appendage Flow Velocity in Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2015, 31, 846-852.	0.8	8
66	A cost-utility analysis for catheter ablation of atrial fibrillation in combination with warfarin and dabigatran based on the CHADS 2 score in Japan. <i>Journal of Cardiology</i> , 2017, 69, 89-97.	0.8	8
67	Cor triatriatum sinister. <i>Herz</i> , 2012, 37, 217-218.	0.4	7
68	Storms of Ventricular Fibrillation Responsive to Isoproterenol in an Idiopathic Ventricular Fibrillation Patient Demonstrating Complete Right Bundle Branch Block. <i>International Heart Journal</i> , 2013, 54, 240-242.	0.5	7
69	Report of the American Heart Association (AHA) Scientific Sessions 2015, Orlando. <i>Circulation Journal</i> , 2016, 80, 51-57.	0.7	7
70	An RyR2 mutation found in a family with a short-coupled variant of torsade de pointes. <i>International Journal of Cardiology</i> , 2017, 227, 367-369.	0.8	7
71	Real-world monitoring of direct oral anticoagulants in clinic and hospitalization settings. <i>SAGE Open Medicine</i> , 2017, 5, 205031211773477.	0.7	7
72	A high BNP level predicts an improvement in exercise tolerance after a successful catheter ablation of persistent atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2283-2290.	0.8	7

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73	Comparison of Efficacy of Sotalol and Nifekalant for Ventricular Tachyarrhythmias. <i>Circulation Journal</i> , 2006, 70, 583-587.	0.7	6
74	Comparison of circadian, weekly, and seasonal variations of electrical storms and single events of ventricular fibrillation in patients with Brugada syndrome. <i>IJC Heart and Vasculature</i> , 2016, 11, 104-110.	0.6	6
75	Conduction Delay-Induced J-Wave Augmentation in Patients With Coronary Heart Disease. <i>American Journal of Cardiology</i> , 2019, 123, 1262-1266.	0.7	6
76	Electrocardiographic manifestations in a large right-sided pneumothorax. <i>BMC Pulmonary Medicine</i> , 2021, 21, 101.	0.8	6
77	The Role of Circadian Rhythms in Fatal Arrhythmias and the Potential Impact of Intervention for Sleep-Disordered Breathing. <i>Current Pharmaceutical Design</i> , 2015, 21, 3512-3522.	0.9	6
78	Idiopathic Ventricular Tachycardia Cured by Radiofrequency Application from the Distal Great Cardiac Vein and the Left Coronary Cusp. <i>Heart Lung and Circulation</i> , 2014, 23, 193-196.	0.2	5
79	A Novel Mechanism of Atrioventricular Block Following Transcatheter Closure of Atrial Septal Defect. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 2067-2069.	1.1	5
80	A Novel SCN5A Mutation Found in a Familial Case of Long QT Syndrome Complicated by Severe Left Ventricular Dysfunction. <i>Canadian Journal of Cardiology</i> , 2017, 33, 554.e5-554.e7.	0.8	5
81	Dynamicity of hypothermia-induced J waves and the mechanism involved. <i>Heart Rhythm</i> , 2019, 16, 74-80.	0.3	5
82	Electrical Isolation of the Marshall Bundle by Radiofrequency Catheter Ablation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1647-1657.	1.3	5
83	Osborn Wave in Accidental Hypothermia. <i>Internal Medicine</i> , 2006, 45, 333-334.	0.3	4
84	Diagnostic value of portable electrocardiogram (Cardiophone) in patients complaining of palpitation. <i>International Journal of Cardiology</i> , 2013, 168, 2925-2927.	0.8	4
85	Vein of Marshall partially isolated with radiofrequency ablation from the endocardium. <i>HeartRhythm Case Reports</i> , 2017, 3, 120-123.	0.2	4
86	Incidence, Clinical Characteristics, and Long-term Outcome of the Dilated Phase of Hypertrophic Cardiomyopathy. <i>Keio Journal of Medicine</i> , 2018, 68, 87-94.	0.5	4
87	A Homozygous <i>CASQ2</i> Mutation in a Japanese Patient with Catecholaminergic Polymorphic Ventricular Tachycardia. <i>Case Reports in Genetics</i> , 2019, 2019, 1-3.	0.1	4
88	Excess Accumulation of Risk Factors in Ischemic Heart Disease. <i>International Heart Journal</i> , 2004, 45, 733-738.	0.6	3
89	Evaluation of channel function after alteration of amino acid residues at the pore center of KCNQ1 channel. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 589-594.	1.0	3
90	Successful radiofrequency catheter ablation of atrioventricular nodal reentrant tachycardia in a patient with dextrocardia and situs inversus. <i>Herz</i> , 2013, 38, 102-104.	0.4	3

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91	Ventricular Fibrillation Associated With J-Wave Manifestation Following Pericarditis After Catheter Ablation for Paroxysmal Atrial Fibrillation. Canadian Journal of Cardiology, 2013, 29, 1330.e1-1330.e3.	0.8	3
92	Pericardial Endoscopyâ€“Guided Left Atrial Appendage Ligation. Circulation: Cardiovascular Interventions, 2014, 7, 844-850.	1.4	3
93	Coexistence of two distinct fascinating cardiovascular disorders: Heterotaxy syndrome with left ventricular non-compaction and vasospastic angina. International Journal of Cardiology, 2014, 174, e54-e56.	0.8	3
94	â€œJ wavesâ€“induced after short coupling intervals: a manifestations of latent depolarization abnormality?. Europace, 2018, 20, f86-f92.	0.7	3
95	The Durability of Atrial Fibrillation Ablation Using an Oesophageal Temperature Cut-Off of 38 Â°C. Heart Lung and Circulation, 2019, 28, 1050-1058.	0.2	3
96	Symptom burden and treatment perception in patients with atrial fibrillation, with and without a family history of atrial fibrillation. Heart and Vessels, 2021, 36, 267-276.	0.5	3
97	A case of Brugada syndrome showing augmentation of electrocardiogram phenotype by complete right bundle branch block. Europace, 2013, 15, 1525-1525.	0.7	2
98	Narrow QRS tachycardia. Herz, 2014, 39, 276-278.	0.4	2
99	Thoracic impedance as a therapeutic marker of acute decompensated heart failure. International Journal of Cardiology, 2014, 174, 840-842.	0.8	2
100	Risk factors for early replacement of cardiovascular implantable electronic devices. International Journal of Cardiology, 2015, 178, 99-101.	0.8	2
101	Mexiletine shortens the QT interval in a pedigree of KCNH2 related long QT syndrome. Journal of Arrhythmia, 2020, 36, 193-196.	0.5	2
102	Exercise-induced Atrioventricular Block. Internal Medicine, 2021, 60, 827-828.	0.3	2
103	Successful Leadless Pacemaker Implantation in an Elderly Patient With Dextrocardia and Situs Inversus. Cureus, 2021, 13, e17858.	0.2	2
104	Mitral isthmus ablation using a circular mapping catheter positioned in the left atrial appendage as a reference for conduction block. Oncotarget, 2017, 8, 52724-52734.	0.8	2
105	A danger of induction of Brugada syndrome during pill-in-the-pocket therapy for paroxysmal atrial fibrillation. Drug, Healthcare and Patient Safety, 2010, 2, 139.	1.0	1
106	Thrombus Formation in the Left Atrial Appendage During Catheter Ablation for Atrial Fibrillation Under Sufficient Heparinization. Canadian Journal of Cardiology, 2014, 30, 465.e5-465.e6.	0.8	1
107	Successful catheter ablation of an anteroseptal accessory pathway without impairing the atrioventricular conduction. International Journal of Cardiology, 2016, 222, 782-784.	0.8	1
108	Discrimination between QRS and T Waves Using a Right Parasternal Lead for Sâ€“CD in a Patient with a Single Ventricle. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 904-907.	0.5	1

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109	Response by Fujisawa et al to Letter Regarding Article, "Pulmonary Artery Denervation by Determining Targeted Ablation Sites for Treatment of Pulmonary Arterial Hypertension"; Circulation: Cardiovascular Interventions, 2018, 11, e006244.	1.4	1
110	Development of monomorphic ventricular tachycardia in a patient with fever-induced Brugada syndrome. Journal of Arrhythmia, 2018, 34, 465-468.	0.5	1
111	Spontaneous Repositioning of a Dislodged Atrial Pacemaker Lead. Internal Medicine, 2021, , .	0.3	1
112	Incidence and Implications of J waves Observed During Coronary Angiography. American Journal of Cardiology, 2022, 163, 32-37.	0.7	1
113	Notch on the T Wave. Internal Medicine, 2011, 50, 1353-1353.	0.3	0
114	Trans-telephonic ICD alert due to recommended replacement time notification: What is the problem?. International Journal of Cardiology, 2012, 159, e18-e19.	0.8	0
115	Authors'™ reply to Ozeke <i>et al.</i>. Europace, 2015, 17, 1455.2-1455.	0.7	0
116	COMPLIANCE TO UPDATED AHA/ACC QUALITY MEASURES AMONG PATIENTS WITH ATRIAL FIBRILLATION IN JAPAN AND ITS ASSOCIATION WITH THEIR QUALITY OF LIFE. Journal of the American College of Cardiology, 2017, 69, 538.	1.2	0
117	Author's reply: Atrial fibrillation and sleep apnea: A chicken and egg situation. International Journal of Cardiology, 2018, 270, 187.	0.8	0
118	A tale of two sisters with hypertrophic cardiomyopathy and recurrent embolism: When is the optimal timing of the intervention for left atrial appendage?. Heart and Lung: Journal of Acute and Critical Care, 2019, 48, 198-200.	0.8	0
119	Early repolarization in athletes. Journal of Arrhythmia, 2019, 35, 868-869.	0.5	0
120	KCNQ1 MUTATION CAUSING DOMINANT-NEGATIVE SUPPRESSION DUE TO DEFECTIVE CHANNEL TRAFFICKING UNDERLIES CARDIAC ARREST IN A PATIENT WITH LONG QT SYNDROME. , 2005, , .		0