

Masayasu Hiraoka, Fhrs

List of Publications by Year in descending order

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109
papers

1,703
citations

361413

20
h-index

315739

38
g-index

110
all docs

110
docs citations

110
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of rabbit $ClC-2$ current expressed in <i>Xenopus</i> oocytes and its contribution to volume regulation. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 274, C500-C512.	4.6	196
2	Functional linkage of the cardiac ATP-sensitive K^+ channel to the actin cytoskeleton. <i>Pflugers Archiv European Journal of Physiology</i> , 1996, 431, 504-512.	2.8	129
3	A novel $SCN5A$ mutation associated with idiopathic ventricular fibrillation without typical ECG findings of Brugada syndrome. <i>FEBS Letters</i> , 2000, 479, 29-34.	2.8	123
4	Adenosine-Sensitive Atrial Reentrant Tachycardia Originating from the Atrioventricular Nodal Transitional Area. <i>Journal of Cardiovascular Electrophysiology</i> , 1997, 8, 854-864.	1.7	121
5	Dual Regulation of the Skeletal Muscle Ryanodine Receptor by Triadin and Calsequestrin. <i>Biochemistry</i> , 1998, 37, 12987-12993.	2.5	94
6	Increased QT Dispersion in Patients With Vasospastic Angina. <i>Circulation</i> , 1998, 98, 435-440.	1.6	72
7	Voltage-shift of the current activation in HERG S4 mutation (R534C) in LQT2. <i>Cardiovascular Research</i> , 1999, 44, 283-293.	3.8	46
8	Effects of estrogen on action potential and membrane currents in guinea pig ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H826-H833.	3.2	44
9	Retrograde Multiple and Multifiber Accessory Pathway Conduction in the Wolff-Parkinson-White Syndrome... <i>Journal of Cardiovascular Electrophysiology</i> , 1998, 9, 141-151.	1.7	37
10	Effects of hypoxia on passive electrical properties of canine ventricular muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 1982, 393, 45-50.	2.8	32
11	Electrophysiological properties of isolated rat liver cells. <i>Journal of Cellular Physiology</i> , 1989, 139, 580-585.	4.1	32
12	Molecular cloning and characterization of a novel truncated form ($ClC-2^{\Delta 2}$) of $ClC-2^{\pm}$ ($ClC-2G$) in rabbit heart. <i>FEBS Letters</i> , 1995, 375, 56-62.	2.8	32
13	THE ROLE OF THE POSITIVE DYNAMIC CURRENT ON THE ACTION POTENTIAL OF CARDIAC PURKINJE FIBERS. <i>The Japanese Journal of Physiology</i> , 1975, 25, 705-717.	0.9	29
14	Action of nicorandil on ATP-sensitive K^{+} channel in guinea pig ventricular myocytes. <i>British Journal of Pharmacology</i> , 1991, 103, 1641-1648.	5.4	28
15	Polymorphic Ventricular Tachycardia in Patients With Vasospastic Angina. <i>Japanese Circulation Journal</i> , 2001, 65, 519-525.	1.0	27
16	Stilbene disulfonates block ATP-sensitive K^+ channels in guinea pig ventricular myocytes. <i>Journal of Membrane Biology</i> , 1993, 136, 289-302.	2.1	26
17	Use-dependent block of Na^{+} currents by mexiletine at the single channel level in guinea pig ventricular myocytes. <i>British Journal of Pharmacology</i> , 1993, 110, 183-192.	5.4	25
18	Prognosis and risk stratification of young adults with Brugada syndrome. <i>Journal of Electrocardiology</i> , 2013, 46, 279-283.	0.9	25

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19	Electrocardiographic features of P waves from patients with transient atrial fibrillation.. International Heart Journal, 1988, 29, 57-67.	0.6	23
20	High Energy Radiofrequency Catheter Ablation for Common Atrial Flutter Targeting the Isthmus between the Inferior Vena Cava and Tricuspid Valve Annulus Using a Super Long Tip Electrode. PACE - Pacing and Clinical Electrophysiology, 1998, 21, 401-409.	1.2	23
21	Development of Nonpulmonary Vein Foci Increases Risk of Atrial Fibrillation Recurrence After Pulmonary Vein Isolation. JACC: Clinical Electrophysiology, 2017, 3, 547-555.	3.2	23
22	Cytoplasmic acidosis induces multiple conductance states in ATP-sensitive potassium channels of cardiac myocytes. Journal of Membrane Biology, 1993, 136, 169-179.	2.1	20
23	Transient sinus node dysfunction following sinus node artery occlusion due to radiofrequency catheter ablation of the septal superior vena cava-right atrium junction. Journal of Electrocardiology, 2016, 49, 18-22.	0.9	20
24	Effects of Antiarrhythmic Agents and Mg ²⁺ on Aconitine-induced Arrhythmias.. International Heart Journal, 1996, 37, 709-718.	0.6	20
25	Activation of Ca ²⁺ -sensitive Cl ⁻ current by reverse mode Na ⁺ /Ca ²⁺ exchange in rabbit ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1998, 436, 976-983.	2.8	19
26	Characterization of S818L mutation in HERG C-terminus in LQT2. FEBS Letters, 2000, 481, 197-203.	2.8	19
27	Early repolarization pattern and its day-to-day dynamic change as markers for ventricular fibrillation in patients with vasospastic angina. Europace, 2016, 18, 1252-1258.	1.7	19
28	External pH regulates the slowly activating potassium current I _{sk} expressed in Xenopus oocytes. FEBS Letters, 1993, 319, 229-232.	2.8	18
29	Pathophysiological Functions of ATP-sensitive K ⁺ Channels in Myocardial Ischemia.. International Heart Journal, 1997, 38, 297-315.	0.6	17
30	Augmentation of QRS Wave Amplitudes in the Precordial Leads During Narrow QRS Tachycardia. Journal of Cardiovascular Electrophysiology, 2000, 11, 52-60.	1.7	17
31	Early repolarization and positive T-wave alternans as risk markers for life-threatening arrhythmias in patients with vasospastic angina. International Journal of Cardiology, 2015, 196, 7-13.	1.7	17
32	Action of dantrolene sodium on electrical and mechanical activity of guinea-pig ventricular muscles.. The Japanese Journal of Physiology, 1985, 35, 123-138.	0.9	17
33	Double Ventricular Responses to a Single Atrial Depolarization in a Patient with Dual AV Nodal Pathways. PACE - Pacing and Clinical Electrophysiology, 1992, 15, 28-33.	1.2	16
34	Optimal Target Site for Slow AV Nodal Pathway Ablation.. Journal of Cardiovascular Electrophysiology, 1999, 10, 529-537.	1.7	15
35	Brugada Syndrome in Japan. Circulation Journal, 2007, 71, A61-A68.	1.6	13
36	The prognostic impact of single extra-stimulus on programmed ventricular stimulation in Brugada patients without previous cardiac arrest: multi-centre study in Japan. Europace, 2018, 20, 1194-1200.	1.7	13

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37	Inherited Arrhythmic Disorders in Japan. <i>Journal of Cardiovascular Electrophysiology</i> , 2003, 14, 431-434.	1.7	12
38	Long-term efficacy of catheter ablation for paroxysmal atrial fibrillation in patients with Brugada syndrome and an implantable cardioverter-defibrillator to prevent inappropriate shock therapy. <i>Heart Rhythm</i> , 2016, 13, 1455-1459.	0.7	12
39	The relationship between obstructive sleep apnea and recurrence of atrial fibrillation after pulmonary vein isolation using a contact force-sensing catheter. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019, 54, 209-215.	1.3	12
40	Effect of Cigarette Smoking on the Risk of Atrial Fibrillation Recurrence after Pulmonary Vein Isolation. <i>Journal of Arrhythmia</i> , 2010, 26, 21-29.	1.2	11
41	Clinical Characteristics and Long-Term Prognosis of Senior Patients With Brugada Syndrome. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 57-67.	3.2	11
42	Demonstration of Purkinje Potential During Idiopathic Left Ventricular Tachycardia: A Marker for Ablation Site by Transient Entrainment. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1997, 20, 3004-3007.	1.2	10
43	Nonlinear Ablation Targeting an Isthmus of Critically Slow Conduction Detected by High-Density Electroanatomical Mapping for Atypical Atrial Flutter. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000, 23, 1911-1915.	1.2	10
44	Effects of acidosis and NO on nicorandil-activated KATP channels in guinea-pig ventricular myocytes. <i>British Journal of Pharmacology</i> , 2000, 131, 1097-1104.	5.4	10
45	Comparison of touch ablation rate and pulmonary vein isolation durability between hot balloon and cryoballoon. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1298-1306.	1.7	10
46	Membrane Current Changes Induced by Acetylcholine in Cardiac Purkinje Fibers. <i>International Heart Journal</i> , 1977, 18, 851-859.	0.6	10
47	Risk stratification in asymptomatic patients with Brugada syndrome: Utility of multiple risk factor combination rather than programmed electrical stimulation. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 507-514.	1.7	10
48	ECG interpretation in Brugada syndrome. <i>Journal of Arrhythmia</i> , 2013, 29, 56-64.	1.2	9
49	Comparative Efficacy of Subcutaneous Mesh and Plate Electrodes for Nonthoracotomy Canine Defibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991, 14, 1402-1410.	1.2	8
50	Association of Humps on Monophasic Action Potentials and ST-T Alternans in a Patient with Romano-Ward Syndrome. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991, 14, 1485-1491.	1.2	7
51	Aromatic aldehydes and aromatic ketones open ATP-sensitive K ⁺ channels in guinea-pig ventricular myocytes. <i>Pflügers Archiv European Journal of Physiology</i> , 1992, 421, 409-415.	2.8	7
52	Functional linkage of the cardiac ATP-sensitive K ⁺ channel to the actin cytoskeleton. <i>Pflügers Archiv European Journal of Physiology</i> , 1996, 431, 504-512.	2.8	7
53	Interaction between external Na ⁺ and mexiletine on Na ⁺ channel in guinea-pig ventricular myocytes. <i>Pflügers Archiv European Journal of Physiology</i> , 1995, 431, 101-109.	2.8	6
54	A new scorpion polypeptide enhances the binding of radiolabeled-ryanodine on ryanodine receptor in sarcoplasmic reticulum of rabbit skeletal muscle. <i>Science Bulletin</i> , 1997, 42, 147-151.	1.7	6

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55	Functional Modulation of Cardiac ATP-Sensitive K ⁺ Channels. <i>Physiology</i> , 1998, 13, 131-137.	3.1	6
56	Case report: alternating exit sites in reentry circuit of ventricular tachycardia with nonischemic cardiomyopathy - relationship between ablation site and inner loop. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2001, 5, 471-475.	1.3	6
57	Adenosine-sensitive atrial tachycardia originating from the anterior mitral annulus. <i>HeartRhythm Case Reports</i> , 2018, 4, 542-544.	0.4	5
58	Expert consensus document on automated diagnosis of the electrocardiogram: The task force on automated diagnosis of the electrocardiogram in Japan. Part 1: Nomenclature for diagnosis and abnormal findings. <i>Journal of Arrhythmia</i> , 2021, 37, 871-876.	1.2	5
59	QRS planarity studies in the vectorcardiogram clinical and experimental studies.. <i>International Heart Journal</i> , 1982, 23, 39-48.	0.6	5
60	Selective Radiofrequency Catheter Ablation of the Slow Pathway for Common and Uncommon Atrioventricular Nodal Reentrant Tachycardia.. <i>International Heart Journal</i> , 1996, 37, 759-770.	0.6	5
61	Non-dipolarity of Heart Potentials Estimated by Magnetocardiography in Normal Subjects.. <i>International Heart Journal</i> , 1998, 39, 731-742.	0.6	5
62	Bisamil, A New Class I Antiarrhythmic Agent. <i>Cardiovascular Drug Reviews</i> , 1993, 11, 516-524.	4.1	4
63	Use-dependent block of Ca ²⁺ current by moricizine in guinea pig ventricular myocytes: a possible ionic mechanism of action potential shortening. <i>British Journal of Pharmacology</i> , 1993, 108, 812-818.	5.4	4
64	A clinicopathologic study of the accessory bypass tracts in six cases of Wolff-Parkinson-White syndrome.. <i>International Heart Journal</i> , 1989, 30, 313-330.	0.6	4
65	Properties of single potassium channels in guinea pig hepatocytes. <i>Journal of Cellular Physiology</i> , 1994, 161, 537-543.	4.1	3
66	Appearance of J wave in the inferolateral leads and ventricular fibrillation provoked by mild hypothermia in a patient with Brugada syndrome. <i>HeartRhythm Case Reports</i> , 2016, 2, 407-411.	0.4	3
67	Characteristics of Marshall bundle-related atrial tachycardias using an ultrahigh-resolution mapping system. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019, 55, 161-169.	1.3	3
68	Recurrent ischemic stroke in patients with atrial fibrillation ablation and prior stroke: A study based on etiological classification. <i>Journal of Arrhythmia</i> , 2020, 36, 95-104.	1.2	3
69	Catheter Ablation for the Common Type of Atrioventricular Nodal Reentrant Tachycardia.. <i>International Heart Journal</i> , 1996, 37, 751-758.	0.6	3
70	Beat Dependent Alteration of Ca ²⁺ -Activated Cl ⁻ Current during Rapid Stimulation in Rabbit Ventricular Myocytes.. <i>International Heart Journal</i> , 2001, 42, 207-219.	0.6	3
71	Factors Determining Clockwise and Counterclockwise Conduction Patterns in Atrial Reentrant Tachycardias.. <i>Journal of Cardiovascular Electrophysiology</i> , 2000, 11, 311-323.	1.7	2
72	Effects of amlodipine on unitary non-L-type high voltage-activated Ca ²⁺ channel currents in differentiated PC12 cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001, 364, 335-342.	3.0	2

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73	Expert consensus document on automated diagnosis of the electrocardiogram: The task force on automated diagnosis of the electrocardiogram in Japan. <i>Journal of Arrhythmia</i> , 2021, 37, 1427-1433.	1.2	2
74	Various morphologies of bidirectional ventricular tachycardia caused by aconite "Torikabuto" poisoning. <i>Journal of Cardiology Cases</i> , 2013, 7, e42-e44.	0.5	1
75	Conversion from Irregular to Regular Wide QRS Tachycardia: What Is the Mechanism?. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 553-555.	1.7	1
76	Automatic switching between the AAI and the DDD algorithm can prevent repetitive non-reentrant ventriculoatrial synchrony. <i>Journal of Arrhythmia</i> , 2014, 30, 115-118.	1.2	1
77	Middle fascicle as a common retrograde limb in two left upper septal interfascicular reentrant ventricular tachycardias: a case report. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2016, 47, 311-312.	1.3	1
78	Ventricular Fibrillation Induced by Coronary Vasospasm in a Patient with Early Repolarization and Hyperthyroidism. <i>Internal Medicine</i> , 2018, 57, 3389-3392.	0.7	1
79	Quality of life improvements by durable pulmonary vein isolation in patients with atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2013-2021.	1.7	1
80	The coronary artery calcium score correlates with left atrial low-voltage area: Sex differences. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 41-48.	1.7	1
81	Inappropriate Automatic Diagnosis of Atrial Fibrillation in Widely-used Electrocardiograph : Current Situation and Problems. <i>Japanese Journal of Electrocardiology</i> , 2021, 41, 5-13.	0.0	1
82	Long-term prognosis in patients with non-type 1 Brugada electrocardiogram: Results from a large Japanese cohort of idiopathic ventricular fibrillation. <i>Annals of Noninvasive Electrocardiology</i> , 2021, 26, e12831.	1.1	1
83	Body surface maps in 2 cases of atrial flutter.. <i>International Heart Journal</i> , 1984, 25, 283-292.	0.6	1
84	A case of combined SA nodal and AV nodal reentrant tachycardia. <i>Japanese Journal of Electrocardiology</i> , 1984, 4, 51-57.	0.0	1
85	Contribution of Ca ²⁺ -influx to generation of the transient inward current in guinea-pig ventricular muscles.. <i>The Japanese Journal of Physiology</i> , 1987, 37, 479-496.	0.9	1
86	-280-EVOLUTION OF BODY SURFACE ISOPOTENTIAL MAPS DURING VENTRICULAR REPOLARIZATION IN NORMAL CHILDREN. <i>Japanese Circulation Journal</i> , 1986, 50, 542.	1.0	1
87	Oral Beta-Blockers. <i>Journal of Interventional Cardiac Electrophysiology</i> , 1998, 2, 215-217.	1.0	0
88	High-risk transseptal puncture in a patient with a "pancake" deformity in the left atrium caused by descending aorta displacement. <i>Journal of Arrhythmia</i> , 2012, 28, 250-253.	1.2	0
89	A case of scar-related ventricular tachycardia demonstrating termination with nonglobal capture at the site of concealed entrainment with dual slow conduction pathways. <i>HeartRhythm Case Reports</i> , 2018, 4, 459-463.	0.4	0
90	A pseudo-sinus rhythm due to bigeminal ectopy with the focus in the right superior pulmonary vein. <i>HeartRhythm Case Reports</i> , 2018, 4, 553-555.	0.4	0

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91	Ajmaline-induced Epsilon wave: as a potential interim risk factor between the spontaneous and drug-induced type 1 Brugada electrogram? Authors' reply. <i>Europace</i> , 2018, 20, 1226-1226.	1.7	0
92	The Horizon and History of Asia Pacific Heart Rhythm Society. <i>Journal of Arrhythmia</i> , 2019, 35, 1-6.	1.2	0
93	Cover Image, Volume 31, Issue 1. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, i.	1.7	0
94	Edward Carmeliet 1930-2021. <i>Japanese Journal of Electrocardiology</i> , 2021, 41, 149-150.	1.0	0
95	ELECTROPHARMACOLOGIC EVALUATION OF QUINIDINE IN THE BRUGADA SYNDROME. , 2005, , .		0
96	DIFFERENT RESPONSE BETWEEN ELECTROPHYSIOLOGICAL TEST AND CHALLENGE TEST WITH SODIUM CHANNEL BLOCKER IN THE BRUGADA SYNDROME WITH SADDLEBACK-TYPE ST ELEVATION. , 2005, , .		0
97	HERG POTASSIUM CHANNEL IS REGULATED BY PROTEIN TYROSINE KINASE (PTK) IN HUMAN EMBRYONIC KIDNEY CELLS. , 2005, , .		0
98	CHARACTERISTICS OF THE PATIENTS WITH BRUGADA SYNDROME AND TACHYARRHYTHMIAS EXCLUDING BOTH VENTRICULAR FIBRILLATION (VF) AND ATRIAL FIBRILLATION (AF). , 2005, , .		0
99	INFLUENCE OF ACUTE VAGAL ACTIVITY IN THE PATIENTS WITH BRUGADA SYNDROME. , 2005, , .		0
100	KCNQ1 MUTATION CAUSING DOMINANT-NEGATIVE SUPPRESSION DUE TO DEFECTIVE CHANNEL TRAFFICKING UNDERLIES CARDIAC ARREST IN A PATIENT WITH LONG QT SYNDROME. , 2005, , .		0
101	Atrial Dissociation. <i>International Heart Journal</i> , 1976, 17, 685-689.	0.6	0
102	Impulses of S-A Block Area. <i>International Heart Journal</i> , 1980, 21, 717-728.	0.6	0
103	A case of paroxysmal supraventricular tachycardia with triple AV nodal pathways. <i>Japanese Journal of Electrocardiology</i> , 1984, 4, 587-592.	0.0	0
104	Change in echo zone of paroxysmal supraventricular tachycardia at the catheterization laboratory and at the general ward.. <i>Japanese Journal of Electrocardiology</i> , 1985, 5, 507-514.	0.0	0
105	Computer simulation of re-entrant tachycardias based on experimental data of frog atrium. <i>Japanese Journal of Electrocardiology</i> , 1983, 3, 483-491.	0.0	0
106	The Role of Internodal Conduction Routes in the Genesis of Tachyarrhythmias. <i>Japanese Journal of Electrocardiology</i> , 1983, 3, 191-200.	0.0	0
107	Triggered-activity and arrhythmia. <i>Japanese Journal of Electrocardiology</i> , 1983, 3, 689-697.	0.0	0
108	-186-THE MECHANISM OF INCREASED PLATEAU AND ACTION POTENTIAL PROLONGATION AT SHORT DIASTOLIC INTERVALS IN A RABBIT VENTRICULAR MYOCYTE. <i>Japanese Circulation Journal</i> , 1986, 50, 513-514.	1.0	0

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109	-270-ELECTROPHYSIOLOGICAL CHARACTERISTICS AND PHARMACOLOGICAL RESPONSE OF EXERCISE INDUCED IDIOPATHIC VENTRICULAR TACHYCARDIA. Japanese Circulation Journal, 1986, 50, 539.	1.0	0