

# Hao-Chih Chang

## List of Publications by Year in descending order

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103  
papers

3,062  
citations

186265

28  
h-index

168389

53  
g-index

103  
all docs

103  
docs citations

103  
times ranked

2906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Initiation of Atrial Fibrillation by Ectopic Beats Originating From the Superior Vena Cava. <i>Circulation</i> , 2000, 102, 67-74.	1.6	494
2	Acquired Pulmonary Vein Stenosis after Radiofrequency Catheter Ablation of Paroxysmal Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2001, 12, 887-892.	1.7	191
3	Prognostic Nutritional Index and the Risk of Mortality in Patients With Acute Heart Failure. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	182
4	Right Atrial Focal Atrial Fibrillation.. <i>Journal of Cardiovascular Electrophysiology</i> , 1999, 10, 328-335.	1.7	177
5	Long-term Outcome of Radiofrequency Catheter Ablation for Typical Atrial Flutter: Risk Prediction of Recurrent Arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 1998, 9, 115-121.	1.7	170
6	Pulmonary Vein Dilation in Patients with Atrial Fibrillation: Detection by Magnetic Resonance Imaging. <i>Journal of Cardiovascular Electrophysiology</i> , 2001, 12, 809-813.	1.7	155
7	Double Multielectrode Mapping Catheters Facilitate Radiofrequency Catheter Ablation of Focal Atrial Fibrillation Originating from Pulmonary Veins. <i>Journal of Cardiovascular Electrophysiology</i> , 1999, 10, 136-144.	1.7	112
8	Later Onset Fabry Disease, Cardiac Damage Progress in Silence. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2554-2563.	2.8	81
9	Bezold-Jarisch-Like Reflex During Radiofrequency Ablation of the Pulmonary Vein Tissues in Patients with Paroxysmal Focal Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 1999, 10, 27-35.	1.7	78
10	Atrial Tachycardias Originating from the Atrial Septum:.. <i>Journal of Cardiovascular Electrophysiology</i> , 2000, 11, 744-749.	1.7	77
11	Dimension and Related Anatomical Distance of Koch's Triangle in Patients with Atrioventricular Nodal Reentrant Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 1996, 7, 1017-1023.	1.7	62
12	Electrophysiologic Characteristics and Radiofrequency Catheter Ablation in Patients with Clockwise Atrial Flutter. <i>Journal of Cardiovascular Electrophysiology</i> , 1997, 8, 24-34.	1.7	56
13	Conduction Properties of the Crista Terminalis in Patients with Typical Atrial Flutter: Basis for a Line of Block in the Reentrant Circuit. <i>Journal of Cardiovascular Electrophysiology</i> , 1998, 9, 811-819.	1.7	56
14	Epicardial Adipose Tissue Thickness and Ablation Outcome of Atrial Fibrillation. <i>PLoS ONE</i> , 2013, 8, e74926.	2.5	56
15	Persistent Atrial Flutter in Patients Treated for Atrial Fibrillation with Amiodarone and Propafenone:.. <i>Journal of Cardiovascular Electrophysiology</i> , 1999, 10, 1180-1187.	1.7	55
16	Differentiating the Ligament of Marshall from the Pulmonary Vein Musculature Potentials in Patients with Paroxysmal Atrial Fibrillation: Electrophysiological Characteristics and Results of Radiofrequency Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000, 23, 1493-1501.	1.2	55
17	Mechanism of Spontaneous Transition from Typical Atrial Flutter to Atrial Fibrillation: Role of Ectopic Atrial Fibrillation Foci. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001, 24, 46-52.	1.2	47
18	Hyponatremia and Worsening Sodium Levels Are Associated With Long-term Outcome in Patients Hospitalized for Acute Heart Failure. <i>Journal of the American Heart Association</i> , 2016, 5, e002668.	3.7	44

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19	Predicting the Arrhythmogenic Foci of Atrial Fibrillation Before Atrial Transseptal Procedure... Journal of Cardiovascular Electrophysiology, 2000, 11, 750-757.	1.7	41
20	Electrophysiologic characteristics of a dilated atrium in patients with paroxysmal atrial fibrillation and atrial flutter. Journal of Interventional Cardiac Electrophysiology, 1998, 2, 181-186.	1.3	39
21	Early Recurrence of Atrial Fibrillation After External Cardioversion. PACE - Pacing and Clinical Electrophysiology, 1999, 22, 1614-1619.	1.2	36
22	Mechanisms of Transition Between Double Paroxysmal Supraventricular Tachycardias. Journal of Cardiovascular Electrophysiology, 2001, 12, 1339-1345.	1.7	35
23	Effect of Ramipril on Left Ventricular Mass in Normotensive Hemodialysis Patients. American Journal of Kidney Diseases, 2006, 47, 478-484.	1.9	35
24	Evaluation of Proinflammatory Prognostic Biomarkers for Fabry Cardiomyopathy With Enzyme Replacement Therapy. Canadian Journal of Cardiology, 2016, 32, 1221.e1-1221.e9.	1.7	35
25	Energy utilization of induced pluripotent stem cell-derived cardiomyocyte in Fabry disease. International Journal of Cardiology, 2017, 232, 255-263.	1.7	33
26	Generation of GLA-Knockout Human Embryonic Stem Cell Lines to Model Autophagic Dysfunction and Exosome Secretion in Fabry Disease-Associated Hypertrophic Cardiomyopathy. Cells, 2019, 8, 327.	4.1	33
27	Endomyocardial biopsies in patients with left ventricular hypertrophy and a common Chinese later-onset fabry mutation (IVS4+919G>A). Orphanet Journal of Rare Diseases, 2014, 9, 96. <sup>2.7</sup>		30
28	Performance of AHEAD Score in an Asian Cohort of Acute Heart Failure With Either Preserved or Reduced Left Ventricular Systolic Function. Journal of the American Heart Association, 2017, 6, .	3.7	29
29	Estimation of aortic pulse wave transit time in cardiovascular magnetic resonance using complex wavelet cross-spectrum analysis. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 65.	3.3	26
30	Interleukin-18 deteriorates Fabry cardiomyopathy and contributes to the development of left ventricular hypertrophy in Fabry patients with GLA IVS4+919 G>A mutation. Oncotarget, 2016, 7, 87161-87179.	1.8	26
31	Usefulness of systolic time intervals in the identification of abnormal ventriculoarterial coupling in stable heart failure patients*. European Journal of Heart Failure, 2008, 10, 1192-1200.	7.1	25
32	Electromechanical Activation Time in the Prediction of Discharge Outcomes in Patients Hospitalized with Acute Heart Failure Syndrome. Internal Medicine, 2010, 49, 2031-2037.	0.7	24
33	Ventricular Tachycardia in a Patient with Primary Hyperparathyroidism. PACE - Pacing and Clinical Electrophysiology, 2000, 23, 534-537.	1.2	22
34	Wave Reflections, Arterial Stiffness, and Orthostatic Hypotension. American Journal of Hypertension, 2014, 27, 1446-1455.	2.0	19
35	Reduced global longitudinal strain as a marker for early detection of Fabry cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2022, 23, 487-495.	1.2	19
36	Using CRISPR/Cas9-Mediated GLA Gene Knockout as an In Vitro Drug Screening Model for Fabry Disease. International Journal of Molecular Sciences, 2016, 17, 2089.	4.1	18

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37	Evaluation of cardiac function by tissue Doppler echocardiography: Hemodynamic determinants and clinical application. <i>Ultrasound in Medicine and Biology</i> , 2005, 31, 23-30.	1.5	17
38	Coronary angiography of cardiac myxoma. <i>Clinical Cardiology</i> , 2005, 28, 505-509.	1.8	16
39	Wave reflections, arterial stiffness, heart rate variability and orthostatic hypotension. <i>Hypertension Research</i> , 2014, 37, 1056-1061.	2.7	16
40	Additive Value of Heart Rate Variability in Predicting Obstructive Coronary Artery Disease Beyond Framingham Risk. <i>Circulation Journal</i> , 2016, 80, 494-501.	1.6	16
41	Cost-Effectiveness of Noninvasive Central Blood Pressure Monitoring in the Diagnosis of Hypertension. <i>American Journal of Hypertension</i> , 2015, 28, 604-614.	2.0	15
42	Hemographic indices are associated with mortality in acute heart failure. <i>Scientific Reports</i> , 2017, 7, 17828.	3.3	15
43	A comparison of central nervous system involvement in patients with classical Fabry disease or the later-onset subtype with the IVS4+919G&gt;A mutation. <i>BMC Neurology</i> , 2017, 17, 25.	1.8	13
44	Value of Excess Pressure Integral for Predicting 15-Year All-Cause and Cardiovascular Mortalities in End-Stage Renal Disease Patients. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	13
45	The role of pulmonary function in patients with heart failure and preserved ejection fraction: Looking beyond chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2020, 15, e0235152.	2.5	13
46	Amelioration of serum 8-OHdG level by enzyme replacement therapy in patients with Fabry cardiomyopathy. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 293-299.	2.1	12
47	Left ventricular and proximal aorta coupling in magnetic resonance imaging: aging together?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H300-H307.	3.2	12
48	Effect of Acoustic Cardiography-guided Management on 1-year Outcomes in Patients With Acute Heart Failure. <i>Journal of Cardiac Failure</i> , 2020, 26, 142-150.	1.7	12
49	Reversal of the Inflammatory Responses in Fabry Patient iPSC-Derived Cardiovascular Endothelial Cells by CRISPR/Cas9-Corrected Mutation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2381.	4.1	12
50	Temperature Monitoring in Radiofrequency Catheter Ablation of Atrial Flutter Using the Linear Ablation Technique. <i>Journal of Cardiovascular Electrophysiology</i> , 1996, 7, 1050-1057.	1.7	11
51	Radiofrequency Ablation of Idiopathic Left Ventricular Tachycardia with Changing ECG Morphology. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1998, 21, 1668-1671.	1.2	10
52	Clinical Characteristics and Outcomes in the Very Elderly Patients Hospitalized for Acute Heart Failure: Importance of Pharmacologic Guideline Adherence. <i>Scientific Reports</i> , 2018, 8, 14270.	3.3	10
53	Correlations between Endomyocardial Biopsies and Cardiac Manifestations in Taiwanese Patients with the Chinese Hotspot IVS4+919G&gt;A Mutation: Data from the Fabry Outcome Survey. <i>International Journal of Molecular Sciences</i> , 2017, 18, 119.	4.1	9
54	Inhibition of Arachidonate 12/15-Lipoxygenase Improves $\beta$ -Galactosidase Efficacy in iPSC-Derived Cardiomyocytes from Fabry Patients. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1480.	4.1	9

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55	Heart Rate Variability Is Associated with Exercise Capacity in Patients with Cardiac Syndrome X. <i>PLoS ONE</i> , 2016, 11, e0144935.	2.5	9
56	Pulmonary Vein Dissection During Mapping of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2001, 12, 505-505.	1.7	8
57	Red Cell Distribution Width and the Risk of Mortality in Patients With Acute Heart Failure With or Without Cardiorenal Anemia Syndrome. <i>American Journal of Cardiology</i> , 2016, 117, 399-403.	1.6	8
58	Atrium electromechanical interval in left ventricular diastolic dysfunction. <i>European Journal of Clinical Investigation</i> , 2012, 42, 117-122.	3.4	7
59	Night-time electromechanical activation time, pulsatile hemodynamics, and discharge outcomes in patients with acute heart failure. <i>ESC Heart Failure</i> , 2015, 2, 184-193.	3.1	7
60	Guiding Hypertension Management Using Different Blood Pressure Monitoring Strategies (GYMNs) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 randomized controlled trial. <i>Trials</i> , 2019, 20, 265.	1.6	7
61	P wave peak time: A time window to evaluate left ventricular diastolic function. <i>Journal of Clinical Hypertension</i> , 2019, 21, 616-617.	2.0	6
62	Cardiac manifestations in patients with classical or cardiac subtype of Fabry disease. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 825-829.	1.4	6
63	Feasibility of the transcatheter mitral valve repair for patients with severe mitral regurgitation and endangered heart failure. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 452-459.	1.7	6
64	Abnormal Pulsatile Hemodynamics in Hypertensive Patients With Normalized 24-hour Ambulatory Blood Pressure by Combination Therapy of Three or More Antihypertensive Agents. <i>Journal of Clinical Hypertension</i> , 2016, 18, 281-289.	2.0	5
65	Perturbations of pulsatile hemodynamics and clinical outcomes in patients with acute heart failure and reduced, mid-range or preserved ejection fraction. <i>PLoS ONE</i> , 2019, 14, e0220183.	2.5	5
66	Tissue Doppler imaging predicts outcomes in hemodialysis patients with preserved left ventricular function. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 351-355.	1.4	5
67	The ventilatory abnormalities and prognostic values of H 2 FPEF score in dyspnoeic patients with preserved left ventricle systolic function. <i>ESC Heart Failure</i> , 2020, 7, 1872-1879.	3.1	5
68	Using cationic polyurethane-short branch PEI as microRNA-driven nano-delivery system for stem cell differentiation. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 367-370.	1.4	5
69	Dietary intervention for the management of hypertension in Asia. <i>Journal of Clinical Hypertension</i> , 2021, 23, 538-544.	2.0	5
70	Impact of dietary intake of sodium and potassium on short-term blood pressure variability. <i>Journal of Hypertension</i> , 2021, 39, 1835-1843.	0.5	5
71	Effects of Procainamide and dl-Sotalol on the Changes of Atrial Electrophysiology Induced by High Current Stimulation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1998, 21, 2064-2069.	1.2	4
72	Comparative proteomic analysis of rat left ventricle in a subtotal nephrectomy model. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 218-228.	1.4	4

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73	Differentiation of blood T cells: Reprogramming human induced pluripotent stem cells into neuronal cells. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 353-359.	1.4	4
74	Amlodipine/valsartan fixed-dose combination treatment in the management of hypertension: A double-blind, randomized trial. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 900-905.	1.4	4
75	Bidirectional Ventricular Tachycardia After Radiofrequency Ablation of Idiopathic Left Ventricular Tachycardia. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001, 24, 1412-1414.	1.2	3
76	Prognostic Comparison of the Estimations of Renal Function in Patients With Acute Heart Failure. <i>Circulation Journal</i> , 2019, 83, 767-774.	1.6	3
77	Nocturnal thoracic volume overload and post-discharge outcomes in patients hospitalized for acute heart failure. <i>ESC Heart Failure</i> , 2020, 7, 2807-2817.	3.1	3
78	2021 TSOC Expert Consensus on the Clinical Features, Diagnosis, and Clinical Management of Cardiac Manifestations of Fabry Disease. <i>Acta Cardiologica Sinica</i> , 2021, 37, 337-354.	0.2	3
79	Non-invasive determination of left ventricular relaxation time constant by Transthoracic Doppler echocardiography. <i>Journal of the Chinese Medical Association</i> , 2004, 67, 317-22.	1.4	3
80	Does One Mechanism Explain the Tachycardias?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1999, 22, 811-813.	1.2	2
81	Impact of Transisthmus Linear Ablation of Typical Atrial Flutter on Coronary Sinus Activation Time. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000, 23, 63-73.	1.2	2
82	Letter to the Editor. <i>Journal of Cardiovascular Electrophysiology</i> , 2001, 12, 120-120.	1.7	2
83	Preoperative Echocardiography First Diagnosed and Intraoperative Echocardiography Altered the Surgical Plan in Intravenous Leiomyomatosis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, e56-e58.	1.3	2
84	Long sheath filling defect during left atrial appendage occlusion device placement. <i>International Journal of Cardiology</i> , 2015, 199, 193-194.	1.7	2
85	Risk stratification in patients hospitalized for acute heart failure in Asian population. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 544-550.	1.4	2
86	Pre-existing chronic kidney disease and hypertension increased the risk of cardiotoxicity among colorectal cancer patients treated with anticancer drugs. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 877-884.	1.4	2
87	Growth hormone control and cardiovascular function in patients with acromegaly. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 165-170.	1.4	2
88	Prognostic Role of Pulmonary Function in Patients With Heart Failure With Reduced Ejection Fraction. <i>Journal of the American Heart Association</i> , 2022, 11, e023422.	3.7	2
89	Disc movement sign: A clue to malpositioned Amplatzer cardiac plug impinging on mitral leaflet. <i>International Journal of Cardiology</i> , 2016, 225, 109-110.	1.7	1
90	Enhancing induced pluripotent stem cell toward differentiation into functional cardiomyocytes. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 657-660.	1.4	1

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91	Feasibility and rationale of direct current cardioversion immediately after transcatheter percutaneous edge-to-edge mitral valve repair. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13274.	3.4	1
92	Hemorrhagic pericardial tamponade in a peritoneal dialysis patient. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 733-735.	1.4	1
93	TIFA protein expression is associated with pulmonary arterial hypertension. <i>Scientific Reports</i> , 2021, 11, 14140.	3.3	1
94	An Unusual Etiology for a 37-Year-Old Man With Paroxysmal Atrial Fibrillation and Termination Pause. <i>JACC: Case Reports</i> , 2021, 3, 165-168.	0.6	1
95	Using multiple-steps bioinformatic analysis to predict the potential microRNA targets by cardiogenic HoxA11. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 68-72.	1.4	1
96	A randomized, double-blind comparison of cerivastatin and lovastatin for treatment of primary hypercholesterolemia. <i>Zhonghua Yi Xue Za Zhi = Chinese Medical Journal; Free China Ed</i> , 2002, 65, 260-7.	0.0	1
97	Role of Heart Rate Variability in Association Between Glomerular Hyperfiltration and All-cause Mortality. <i>Journal of the American Heart Association</i> , 2021, 10, e021585.	3.7	1
98	Sodium-Glucose Cotransporter 2 Inhibitors in Cardiovascular and Renal Outcomes in Patients With Diabetes but Without Established Cardiovascular Disease: A Nationwide Population-Based Cohort Study. <i>Diabetes Care</i> , 0, , .	8.6	1
99	Estimation of aortic pulse wave transit time in MRI using complex wavelet cross-spectrum analysis. , 2015, , .		0
100	A ring in heart. <i>European Heart Journal</i> , 2016, 37, 2501-2501.	2.2	0
101	Posterior mitral leaflet prolapse with the posteriorly directed jet: feasibility of the MitraClip procedure. <i>Kardiologia Polska</i> , 2020, 78, 599-600.	0.6	0
102	Interatrial septal aneurysm as a unusual site of vegetation in infective endocarditis. <i>Heart Asia</i> , 2011, 3, 71.	1.1	0
103	Network Meta-analysis and Trial Sequential Analysis for Atrial Fibrillation Patients Receiving PCI or with ACS. <i>Journal of the Chinese Medical Association</i> , 2021, Publish Ahead of Print, .	1.4	0