Chao-Hung Wang

List of Publications by Year
in descending order

73 papers	1,735 citations	331670 21 h-index	302126 39 g-index
73 all docs	73 docs citations	73 times ranked	2854 citing authors

#	Article	IF	Citations
1	U-Shape Relationship between Plasma Leucine Level and Mortality in the Intensive Care Unit. Disease Markers, 2022, 2022, 1-9.	1.3	2
2	Mice lacking MBNL1 and MBNL2 exhibit sudden cardiac death and molecular signatures recapitulating myotonic dystrophy. Human Molecular Genetics, 2022, 31, 3144-3160.	2.9	6
3	Treatment-Interval Changes in Serum Levels of Albumin and Histidine Correlated with Treatment Interruption in Patients with Locally Advanced Head and Neck Squamous Cell Carcinoma Completing Chemoradiotherapy under Recommended Calorie and Protein Provision. Cancers, 2022, 14, 3112.	3.7	1
4	Care needs, social support and meaning in life in patients after acute heart failure hospitalisation: a longitudinal study. European Journal of Cardiovascular Nursing, 2021, 20, 106-114.	0.9	3
5	Factors associated with elevated plasma phenylalanine in patients with heart failure. Amino Acids, 2021, 53, 149-157.	2.7	11
6	The association between low protein diet and body composition, muscle function, inflammation, and amino acid-based metabolic profile in chronic kidney disease stage 3â€“5 patients. Clinical Nutrition ESPEN, 2021, 46, 405-415.	1.2	12
7	Relationship of symptom stress, care needs, social support, and meaning in life to quality of life in patients with heart failure from the acute to chronic stages: a longitudinal study. Health and Quality of Life Outcomes, 2021, 19, 252.	2.4	8
8	Cardiovascular outcomes of vildagliptin in patients with typeÂ2 diabetes mellitus after acute coronary syndrome or acute ischemic stroke. Journal of Diabetes Investigation, 2020, 11, 110-124.	2.4	8
9	Predictors of infection-related rehospitalization in heart failure patients and its impact on long-term survival. Journal of Cardiovascular Medicine, 2020, 21, 889-896.	1.5	6
10	Therapeutic potential of cPLA2 inhibitor to counteract dilated-cardiomyopathy in cholesterol-treated H9C2 cardiomyocyte and MUNO rat. Pharmacological Research, 2020, 160, 105201.	7.1	6
11	Characteristic of Metabolic Status in Heart Failure and Its Impact in Outcome Perspective. Metabolites, 2020, 10, 437.	2.9	14
12	Oxygen-sensitive T2* magnetic resonance imaging to correlate heart function and ischemic etiology of post-hospitalized chronic heart failure patients. European Journal of Radiology, 2020, 128, 109036.	2.6	1
13	Elevated plasma phenylalanine predicts mortality in critical patients with heart failure. ESC Heart Failure, 2020, 7, 2884-2893.	3.1	32
14	Left Ventricular Function and Myocardial Triglyceride Content on 3T Cardiac MR Predict Major Cardiovascular Adverse Events and Readmission in Patients Hospitalized with Acute Heart Failure. Journal of Clinical Medicine, 2020, 9, 169.	2.4	9
15	Decreases in Circulating Concentrations of Short-Chain Acylcarnitines are Associated with Systolic Function Improvement After Decompensated Heart Failure. International Heart Journal, 2020, 61, 1014-1021.	1.0	10
16	High-intensity interval training enhances mitochondrial bioenergetics of platelets in patients with heart failure. International Journal of Cardiology, 2019, 274, 214-220.	1.7	24
17	Amino Acid-Based Metabolic Indexes Identify Patients With Chronic Obstructive Pulmonary Disease And Further Discriminates Patients In Advanced BODE Stages . International Journal of COPD, 2019, Volume 14, 2257-2266.	2.3	14
18	Phenylalanine- and leucine-defined metabolic types identify high mortality risk in patients with severe infection. International Journal of Infectious Diseases, 2019, 85, 143-149.	3.3	39

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19	Amino Acid-Based Metabolic Profile Provides Functional Assessment and Prognostic Value for Heart Failure Outpatients. Disease Markers, 2019, 2019, 1-10.	1.3	8
20	Clinical outcomes of second-generation limus-eluting stents compared to paclitaxel-eluting stents for acute myocardial infarction with cardiogenic shock. PLoS ONE, 2019, 14, e0214417.	2.5	1
21	Activation of heme oxygenase-1 by Ginkgo biloba extract differentially modulates endothelial and smooth muscle-like progenitor cells for vascular repair. Scientific Reports, 2019, 9, 17316.	3.3	9
22	Predictors of long-term survival prior to permanent pacemaker implantation in octogenarians or older. Aging Clinical and Experimental Research, 2019, 31, 1001-1009.	2.9	9
23	2019 Focused Update of the Guidelines of the Taiwan Society of Cardiology for the Diagnosis and Treatment of Heart Failure. Acta Cardiologica Sinica, 2019, 35, 244-283.	0.2	50
24	Recovery of lipid metabolic alterations in hepatitis C patients after viral clearance: Incomplete restoration with accelerated Ï‰-oxidation. Journal of Clinical Lipidology, 2018, 12, 756-766.	1.5	12
25	Lipidomics reveals accumulation of the oxidized cholesterol in erythrocytes of heart failure patients. Redox Biology, 2018, 14, 499-508.	9.0	48
26	Amino Acid-Based Metabolic Panel Provides Robust Prognostic Value Additive to B-Natriuretic Peptide and Traditional Risk Factors in Heart Failure. Disease Markers, 2018, 2018, 1-11.	1.3	28
27	Cardiovascular risk of sitagliptin in ischemic stroke patients with type 2 diabetes and chronic kidney disease. Medicine (United States), 2018, 97, e13844.	1.0	4
28	Simplified plasma essential amino acid-based profiling provides metabolic information and prognostic value additive to traditional risk factors in heart failure. Amino Acids, 2018, 50, 1739-1748.	2.7	27
29	Early Imaging Biomarker of Myocardial Glucose Adaptations in High-Fat-Diet-Induced Insulin Resistance Model by Using 18F-FDG PET and [U-13C]glucose Nuclear Magnetic Resonance Tracer. Contrast Media and Molecular Imaging, 2018, 2018, 1-10.	0.8	3
30	Effects of a multidisciplinary disease management programme with or without exercise training for heart failure patients: Secondary analysis of a randomized controlled trial. International Journal of Nursing Studies, 2018, 87, 94-102.	5.6	11
31	Understanding the Epidemiology of Heart Failure to Improve Management Practices: An Asia-Pacific Perspective. Journal of Cardiac Failure, 2017, 23, 327-339.	1.7	72
32	Metabolic profile provides prognostic value better than galectin-3 in patients with heart failure. Journal of Cardiology, 2017, 70, 92-98.	1.9	14
33	Detection of exercise periodic breathing using thermal flowmeter in patients with heart failure. Medical and Biological Engineering and Computing, 2017, 55, 1189-1198.	2.8	1
34	Factors Associated With Inadequate Effectiveness of a Multidisciplinary Disease Management Program in Heart Failure Patients Stratified by Galectin 3 Level. Biological Research for Nursing, 2017, 19, 77-86.	1.9	1
35	Docosapentaenoic acid and docosahexaenoic acid are positively associated with insulin sensitivity in rats fed highâ€fat and highâ€fructose diets. Journal of Diabetes, 2017, 9, 936-946.	1.8	18
36	Autonomous exercise rehabilitation for heart failure patients based on six-minute walk test through Internet-of-Thing devices. , 2017, , .		1

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37	Myocardial triglyceride content at 3ÂT cardiovascular magnetic resonance and left ventricular systolic function: a cross-sectional study in patients hospitalized with acute heart failure. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 9.	3.3	14
38	Benefits of Intraaortic Balloon Support for Myocardial Infarction Patients in Severe Cardiogenic Shock Undergoing Coronary Revascularization. PLoS ONE, 2016, 11, e0160070.	2.5	11
39	Application of PrefixSpan Algorithms for Disease Pattern Analysis. , 2016, , .		0
40	Clinical outcomes of drug-eluting stents versus bare-metal stents in patients with cardiogenic shock complicating acute myocardial infarction. International Journal of Cardiology, 2016, 215, 98-104.	1.7	13
41	High-fructose and high-fat feeding correspondingly lead to the development of lysoPC-associated apoptotic cardiomyopathy and adrenergic signaling-related cardiac hypertrophy. International Journal of Cardiology, 2016, 215, 65-76.	1.7	27
42	Validation of a new simple scale to measure symptoms in heart failure from traditional Chinese medicine view: a cross-sectional questionnaire study. BMC Complementary and Alternative Medicine, 2016, 16, 342.	3.7	14
43	Increased p-cresyl sulfate level is independently associated with poor outcomes in patients with heart failure. Heart and Vessels, 2016, 31, 1100-1108.	1.2	24
44	Indoxyl sulfate suppresses endothelial progenitor cellâ€“mediated neovascularization. Kidney International, 2016, 89, 574-585.	5.2	83
45	DIRECTED ACYCLIC GRAPH-BASED PATIENT EDUCATION SYSTEM FOR CARDIOVASCULAR PATIENTS IN TAIWAN. Journal of Mechanics in Medicine and Biology, 2016, 16, 1640011.	0.7	1
46	Comparison of Baseline versus Posttreatment Left Ventricular Ejection Fraction in Patients with Acute Decompensated Heart Failure for Predicting Cardiovascular Outcome: Implications from Single-Center Systolic Heart Failure Cohort. PLoS ONE, 2016, 11, e0145514.	2.5	8
47	Estimating systemic fibrosis by combining galectin-3 and ST2 provides powerful risk stratification value for patients after acute decompensated heart failure. Cardiology Journal, 2016, 23, 563-572.	1.2	10
48	Effect of multidisciplinary disease management for hospitalized heart failure under a national health insurance programme. Journal of Cardiovascular Medicine, 2015, 16, 616-624.	1.5	37
49	Metabolic Disturbances Identified in Plasma Are Associated With Outcomes inÂPatients With Heart Failure. Journal of the American College of Cardiology, 2015, 65, 1509-1520.	2.8	242
50	Outcomes and Characteristics of Patients Undergoing Percutaneous Angioplasty Followed by Below-Knee or Above-Knee Amputation for Peripheral Artery Disease. PLoS ONE, 2014, 9, e111130.	2.5	19
51	Activation of lymphocyte autophagy/apoptosis reflects haemodynamic inefficiency and functional aerobic impairment in patients with heart failure. Clinical Science, 2014, 127, 589-602.	4.3	17
52	Cardiac Rehabilitation in Patients with Heart Failure. Acta Cardiologica Sinica, 2014, 30, 353-9.	0.2	3
53	Bone Marrow Rejuvenation Accelerates Re-Endothelialization and Attenuates Intimal Hyperplasia After Vascular Injury in Aging Mice. Circulation Journal, 2013, 77, 3045-3053.	1.6	13
54	Clinical Application of Endothelial Progenitor Cell: Are We Ready?. Acta Cardiologica Sinica, 2013, 29, 479-87.	0.2	5

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55	Surface Markers of Heterogeneous Peripheral Bloodâ€"Derived Smooth Muscle Progenitor Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1875-1883.	2.4	21
56	VE-Cadherinlow.ALPHA.-Smooth Muscle Actin+ Component of Vascular Progenitor Cells Correlates With the Coronary Artery Gensini Score. Circulation Journal, 2012, 76, 477-484.	1.6	9
57	Differentiation profile of peripheral blood-derived vascular progenitor cell predicts intimal hyperplasia after coronary stenting. Heart and Vessels, 2012, 27, 10-19.	1.2	11
58	Assessment of mouse hind limb endothelial function by measuring femoral artery blood flow responses. Journal of Vascular Surgery, 2011, 53, 1350-1358.	1.1	13
59	Factors associated with purity, biological function, and activation potential of endothelial colony-forming cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R586-R594.	1.8	18
60	Drawbacks to stem cell therapy in cardiovascular diseases. Future Cardiology, 2008, 4, 399-408.	1.2	9
61	Late-Outgrowth Endothelial Cells Attenuate Intimal Hyperplasia Contributed by Mesenchymal Stem Cells After Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 54-60.	2.4	109
62	Cyclosporine increases ischemia-induced endothelial progenitor cell mobilization through manipulation of the CD26 system. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R811-R818.	1.8	36
63	Stem Cell Factor Attenuates Vascular Smooth Muscle Apoptosis and Increases Intimal Hyperplasia After Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 540-547.	2.4	56
64	Pioglitazone increases the numbers and improves the functional capacity of endothelial progenitor cells in patients with diabetes mellitus. American Heart Journal, 2006, 152, 1051.e1-1051.e8.	2.7	105
65	Enalapril increases ischemia-induced endothelial progenitor cell mobilization through manipulation of the CD26 system. Journal of Molecular and Cellular Cardiology, 2006, 41, 34-43.	1.9	97
66	Stem Cell Factor Deficiency Is Vasculoprotective. Circulation Research, 2006, 99, 617-625.	4.5	73
67	Coronary vasospasm as a possible cause of elevated cardiac troponin I in patients with acute coronary syndrome and insignificant coronary artery disease. American Heart Journal, 2002, 144, 275-281.	2.7	82
68	Optimal analysis of intravenous myocardial contrast echocardiography for predicting myocardial functional recovery in patients with acute myocardial infarction. Journal of the American Society of Echocardiography, 2002, 15, 1262-1268.	2.8	1
69	Effects of Verapamil in Normal Elderly Individuals with Left Ventricular Diastolic Dysfunction. Echocardiography, 2001, 18, 123-129.	0.9	8
70	Relationship Between Dobutamine Echocardiography and the Elevation of Cardiac Troponin I in Patients with Acute Coronary Syndromes. Echocardiography, 2001, 18, 573-579.	0.9	5
71	Cardiopulmonary Resuscitation During Coronary Vasospasm Induced by Tilt Table Testing. PACE - Pacing and Clinical Electrophysiology, 2000, 23, 2138-2140.	1.2	9
72	Malignant Lymphoma Presenting as Right Heart Failure. Echocardiography, 2000, 17, 49-51.	0.9	0

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73	Large Right Atrial Thrombus with Pulmonary Embolism. Echocardiography, 2000, 17, 329-334.	0.9	9