

# Chao-Yung Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

89  
papers

7,740  
citations

236612

25  
h-index

53109

85  
g-index

90  
all docs

90  
docs citations

90  
times ranked

19102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Pleiotropic effects of statin therapy: molecular mechanisms and clinical results. <i>Trends in Molecular Medicine</i> , 2008, 14, 37-44.	3.5	522
3	A Mouse Model of Diet-Induced Obesity and Insulin Resistance. <i>Methods in Molecular Biology</i> , 2012, 821, 421-433.	0.4	397
4	Decrease in Irisin in Patients with Chronic Kidney Disease. <i>PLoS ONE</i> , 2013, 8, e64025.	1.1	148
5	Telomeres and Telomerase in Cardiovascular Diseases. <i>Genes</i> , 2016, 7, 58.	1.0	147
6	Obesity Increases Vascular Senescence and Susceptibility to Ischemic Injury Through Chronic Activation of Akt and mTOR. <i>Science Signaling</i> , 2009, 2, ra11.	1.6	140
7	Increased Vascular Senescence and Impaired Endothelial Progenitor Cell Function Mediated by Mutation of Circadian Gene <i>Per2</i> . <i>Circulation</i> , 2008, 118, 2166-2173.	1.6	117
8	Autophagy in Chronic Kidney Diseases. <i>Cells</i> , 2019, 8, 61.	1.8	114
9	Inhibition of Apoptosis-Regulated Signaling Kinase-1 and Prevention of Congestive Heart Failure by Estrogen. <i>Circulation</i> , 2007, 115, 3197-3204.	1.6	103
10	Serum asprosin levels and bariatric surgery outcomes in obese adults. <i>International Journal of Obesity</i> , 2019, 43, 1019-1025.	1.6	76
11	Notch1 in Bone Marrow-Derived Cells Mediates Cardiac Repair After Myocardial Infarction. <i>Circulation</i> , 2011, 123, 866-876.	1.6	73
12	Phosphatidylinositol 3-kinase/protein kinase Akt negatively regulates plasminogen activator inhibitor type 1 expression in vascular endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H1937-H1942.	1.5	61
13	The circadian rhythm controls telomeres and telomerase activity. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 408-414.	1.0	61
14	Circadian CLOCK Mediates Activation of Transforming Growth Factor- $\beta$ 2 Signaling and Renal Fibrosis through Cyclooxygenase 2. <i>American Journal of Pathology</i> , 2015, 185, 3152-3163.	1.9	43
15	Role of Irisin in Myocardial Infarction, Heart Failure, and Cardiac Hypertrophy. <i>Cells</i> , 2021, 10, 2103.	1.8	39
16	Autophagy-related gene 7 is downstream of heat shock protein 27 in the regulation of eye morphology, polyglutamine toxicity, and lifespan in <i>Drosophila</i> . <i>Journal of Biomedical Science</i> , 2012, 19, 52.	2.6	37
17	Serum irisin levels are associated with adverse cardiovascular outcomes in patients with acute myocardial infarction. <i>International Journal of Cardiology</i> , 2018, 261, 12-17.	0.8	37
18	The Frequency and Energy of Snoring Sounds Are Associated with Common Carotid Artery Intima-Media Thickness in Obstructive Sleep Apnea Patients. <i>Scientific Reports</i> , 2016, 6, 30559.	1.6	33

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19	SYNTAX score. <i>Coronary Artery Disease</i> , 2012, 23, 445-449.	0.3	32
20	Circadian rhythm of RNA N6-methyladenosine and the role of cryptochrome. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 88-94.	1.0	32
21	The Development of Coronary Artery Stents: From Bare-Metal to Bio-Resorbable Types. <i>Metals</i> , 2016, 6, 168.	1.0	32
22	Pharmacogenetic dosing of warfarin in the Han-Chinese population: a randomized trial. <i>Pharmacogenomics</i> , 2017, 18, 245-253.	0.6	32
23	Loss of FTO in adipose tissue decreases <i>Angptl4</i> translation and alters triglyceride metabolism. <i>Science Signaling</i> , 2015, 8, ra127.	1.6	30
24	Excessive irisin increases oxidative stress and apoptosis in murine heart. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2493-2498.	1.0	27
25	Reduced neuronal expression of ribose-5-phosphate isomerase enhances tolerance to oxidative stress, extends lifespan, and attenuates polyglutamine toxicity in <i>Drosophila</i> . <i>Aging Cell</i> , 2012, 11, 93-103.	3.0	26
26	Telomeres as Therapeutic Targets in Heart Disease. <i>JACC Basic To Translational Science</i> , 2019, 4, 855-865.	1.9	26
27	The role of Asprosin in patients with dilated cardiomyopathy. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 402.	0.7	26
28	Nocturnal CPAP improves walking capacity in COPD patients with obstructive sleep apnoea. <i>Respiratory Research</i> , 2013, 14, 66.	1.4	25
29	TLR9 Binding to Beclin 1 and Mitochondrial SIRT3 by a Sodium-Glucose Co-Transporter 2 Inhibitor Protects the Heart from Doxorubicin Toxicity. <i>Biology</i> , 2020, 9, 369.	1.3	25
30	MiR-122 marks the differences between subcutaneous and visceral adipose tissues and associates with the outcome of bariatric surgery. <i>Obesity Research and Clinical Practice</i> , 2018, 12, 570-577.	0.8	24
31	Identification of <i>PTCSC3</i> as a Novel Locus for Large Vessel Ischemic Stroke: A Genome-Wide Association Study. <i>Journal of the American Heart Association</i> , 2016, 5, e003003.	1.6	22
32	CLOCK modulates survival and acute lung injury in mice with polymicrobial sepsis. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 935-941.	1.0	22
33	FTO modulates fibrogenic responses in obstructive nephropathy. <i>Scientific Reports</i> , 2016, 6, 18874.	1.6	22
34	Dual antiplatelet therapy in patients with cirrhosis and acute myocardial infarction – A 13-year nationwide cohort study. <i>PLoS ONE</i> , 2019, 14, e0223380.	1.1	21
35	Impact of Homocysteine Level on Long-term Cardiovascular Outcomes in Patients after Coronary Artery Stenting. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017, 24, 696-705.	0.9	20
36	Heme oxygenase-1 in cardiovascular diseases: molecular mechanisms and clinical perspectives. <i>Chang Gung Medical Journal</i> , 2010, 33, 13-24.	0.7	20

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37	Impaired Leukocytes Autophagy in Chronic Kidney Disease Patients. <i>CardioRenal Medicine</i> , 2013, 3, 254-264.	0.7	19
38	Outcomes and Characteristics of Patients Undergoing Percutaneous Angioplasty Followed by Below-Knee or Above-Knee Amputation for Peripheral Artery Disease. <i>PLoS ONE</i> , 2014, 9, e111130.	1.1	19
39	Pericardiocentesis Adverse Event Risk Factors: A Nationwide Population-Based Cohort Study. <i>Cardiology</i> , 2015, 130, 37-45.	0.6	18
40	FTO modulates circadian rhythms and inhibits the CLOCK-BMAL1-induced transcription. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 826-832.	1.0	18
41	A genome-wide association study links small-vessel ischemic stroke to autophagy. <i>Scientific Reports</i> , 2017, 7, 15229.	1.6	17
42	Paraoxonase-1 Is Not a Major Determinant of Stent Thrombosis in a Taiwanese Population. <i>PLoS ONE</i> , 2012, 7, e39178.	1.1	17
43	Lesion Length Impacts Long Term Outcomes of Drug-Eluting Stents and Bare Metal Stents Differently. <i>PLoS ONE</i> , 2013, 8, e53207.	1.1	16
44	Long-term outcomes of drug-eluting stents versus bare-metal stents in large coronary arteries. <i>International Journal of Cardiology</i> , 2013, 168, 3785-3790.	0.8	15
45	Predictors of subsequent myocardial infarction, stroke, and death in stable post-myocardial infarction patients: A nationwide cohort study. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 634-642.	0.4	14
46	Hypertension in Children with Obstructive Sleep Apnea Syndrome—Age, Weight Status, and Disease Severity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9602.	1.2	14
47	Rapid and label-free detection of the troponin in human serum by a TiN-based extended-gate field-effect transistor biosensor. <i>Biosensors and Bioelectronics</i> , 2022, 201, 113977.	5.3	14
48	Advanced Left Ventricular Diastolic Dysfunction in Uremic Patients With Type 2 Diabetes on Maintenance Hemodialysis. <i>Circulation Journal</i> , 2012, 76, 2380-2385.	0.7	13
49	Acute and long-term outcomes of drug-eluting stent implantations in aorto-aortic, left anterior descending artery-aortic, and nonaortic lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 82, 727-734.	0.7	13
50	Predictive performance of HAS-BLED risk score for long-term survival in patients with non-ST elevated myocardial infarction without atrial fibrillation. <i>Journal of Cardiology</i> , 2017, 69, 136-143.	0.8	12
51	Regulation of autophagy in leukocytes through RNA N6-adenosine methylation in chronic kidney disease patients. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 953-959.	1.0	12
52	The Prognostic Significance of SYNTAX Score After Early Percutaneous Transluminal Coronary Angioplasty for Acute ST Elevation Myocardial Infarction. <i>Heart Lung and Circulation</i> , 2013, 22, 341-345.	0.2	10
53	Prognostic Impact of 9-Month High-Sensitivity C-Reactive Protein Levels on Long-Term Clinical Outcomes and In-Stent Restenosis in Patients at 9 Months after Drug-Eluting Stent Implantation. <i>PLoS ONE</i> , 2015, 10, e0138512.	1.1	10
54	Annual atrial tachyarrhythmia burden determined by device interrogation in patients with cardiac implanted electronic devices is associated with a risk of ischaemic stroke independent of known risk factors. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 840-846.	0.6	10

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55	Improved thrombolytic effect with focused ultrasound and neuroprotective agent against acute carotid artery thrombosis in rat. <i>Scientific Reports</i> , 2017, 7, 1638.	1.6	10
56	Selection of $\beta$ -blocker in Patients With Cirrhosis and Acute Myocardial Infarction: A 13-Year Nationwide Population-Based Study in Asia. <i>Journal of the American Heart Association</i> , 2018, 7, e008982.	1.6	10
57	Risk of cardiac arrhythmias in patients with chronic hepatitis B and C infections – A 13-year nationwide population-based study. <i>Journal of Cardiology</i> , 2019, 74, 333-338.	0.8	10
58	Vessel Size and Long-Term Outcomes After Limus-Based Drug-Eluting Stent Implantation Focusing on Medium- and Small-Diameter Vessels. <i>Angiology</i> , 2017, 68, 535-541.	0.8	9
59	Nationwide cohort study of outcomes of acute myocardial infarction in patients with liver cirrhosis. <i>Medicine (United States)</i> , 2020, 99, e19575.	0.4	9
60	Impact of Sodium-Glucose Co-Transporter 2 Inhibitors on Cardiac Protection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7170.	1.8	9
61	Comparison of 9-Month Angiographic Follow-Up and Long-Term Clinical Outcomes of Biodegradable Polymer Drug-Eluting Stents and Second-Generation Durable Polymer Drug-Eluting Stents in Patients Undergoing Single Coronary Artery Stenting. <i>Acta Cardiologica Sinica</i> , 2020, 36, 97-104.	0.1	9
62	Acute and long-term outcomes of ostial stentings among bare-metal stents, sirolimus-eluting stents, and paclitaxel-eluting stents. <i>Coronary Artery Disease</i> , 2013, 24, 224-230.	0.3	8
63	Review: The outcomes of different vessel diameter in patients receiving coronary artery stenting. <i>International Journal of Cardiology</i> , 2016, 224, 317-322.	0.8	7
64	A Method for Measuring RNA $\text{N}^6$ -methyladenosine Modifications in Cells and Tissues. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	6
65	Complete and incomplete revascularization in non-ST segment myocardial infarction with multivessel disease: long-term outcomes of first- and second-generation drug-eluting stents. <i>Heart and Vessels</i> , 2019, 34, 251-258.	0.5	6
66	Telomere Attrition and Clonal Hematopoiesis of Indeterminate Potential in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9867.	1.8	5
67	Targeted Next Generation Sequencing for Genetic Mutations of Dilated Cardiomyopathy. <i>Acta Cardiologica Sinica</i> , 2019, 35, 571-584.	0.1	5
68	Clinical and Angiographic Outcomes after Intracoronary Bare-Metal Stenting. <i>PLoS ONE</i> , 2014, 9, e94319.	1.1	4
69	Comparison of very long-term clinical and angiographic outcomes of bare metal stent implants between patients with and without type 2 diabetes. <i>Primary Care Diabetes</i> , 2017, 11, 445-452.	0.9	4
70	Predictors of Long-Term Outcomes After Drug-Eluting Balloon Angioplasty for Bare-Metal Stent Restenosis. <i>Heart Lung and Circulation</i> , 2018, 27, 588-594.	0.2	4
71	Outcomes of patients with hypertrophic cardiomyopathy and acute myocardial infarction: a propensity score-matched, 15-year nationwide population-based study in Asia. <i>BMJ Open</i> , 2018, 8, e019741.	0.8	4
72	Angiographic Complete versus Clinical Selective Incomplete Percutaneous Revascularization in Heart Failure Patients with Multivessel Coronary Disease. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-8.	0.5	4

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73	FTO variants are associated with ANGPTL4 abundances and correlated with body weight reduction after bariatric surgery. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 257-263.	0.8	4
74	Dialysis Mode and Associated Outcomes in Patients With End-Stage Renal Disease and Atrial Fibrillation: A 14-Year Nationwide Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e019596.	1.6	4
75	Snoring Sound Characteristics are Associated with Common Carotid Artery Profiles in Patients with Obstructive Sleep Apnea. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1243-1255.	1.4	4
76	Asynchronous Shortening of Telomere Length and Cardiovascular Outcomes. <i>JACC Basic To Translational Science</i> , 2018, 3, 601-603.	1.9	3
77	Comparison of the Acute and Long-Term Outcomes of Patients With Multivessel Coronary Artery Disease After Angiographic Complete and Incomplete Revascularization With Drug-Eluting Stents. <i>Circulation Journal</i> , 2018, 82, 992-998.	0.7	3
78	Deficiency of circadian gene cryptochromes in bone marrow-derived cells protects against atherosclerosis in LDLR <sup>-/-</sup> mice. <i>FASEB Journal</i> , 2021, 35, e21309.	0.2	3
79	Circadian Rhythm, Exercise, and Heart. <i>Acta Cardiologica Sinica</i> , 2017, 33, 539-541.	0.1	3
80	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.	0.1	3
81	Serum microRNA panels predict bariatric surgery outcomes. <i>Obesity</i> , 2022, 30, 389-399.	1.5	3
82	Risk Stratification by Coronary Perfusion Pressure in Left Ventricular Systolic Dysfunction Patients Undergoing Revascularization: A Propensity Score Matching Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 860346.	1.1	3
83	The 3% Oxygen Desaturation Index is an Independent Risk Factor for Hypertension Among Children with Obstructive Sleep Apnea. <i>Nature and Science of Sleep</i> , 0, Volume 14, 1149-1164.	1.4	3
84	Suppression of Ribose-5-Phosphate Isomerase a Induces ROS to Activate Autophagy, Apoptosis, and Cellular Senescence in Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7883.	1.8	3
85	Effects of National Hospital Accreditation in Acute Coronary Syndrome on In-Hospital Mortality and Clinical Outcomes. <i>Acta Cardiologica Sinica</i> , 2020, 36, 416-427.	0.1	2
86	Risk Management for Radiation-Induced Cardiovascular Disease (RICVD): The 2022 Consensus Statement of the Taiwan Society for Therapeutic Radiology and Oncology (TASTRO) and Taiwan Society of Cardiology (TSOC). <i>Acta Cardiologica Sinica</i> , 2022, 38, 1-12.	0.1	2
87	Evidence for Pleiotropic Effects of Statins in Clinical Trials. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2008, 8, 116-121.	0.5	0
88	Transthoracic Echocardiography Evaluation of Left Cervical Aortic Arch with Aneurysm Formation. <i>Journal of Medical Ultrasound</i> , 2012, 20, 180-182.	0.2	0
89	Aortic Dissection With Severe Aortic Regurgitation. <i>Circulation</i> , 2016, 133, e398-9.	1.6	0