

Hsien-Li Kao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

1,971
citations

21
h-index

41
g-index

122
ext. papers

2,527
ext. citations

4.2
avg. IF

4.14
L-index

#	Paper	IF	Citations
111	Atherosclerosis amelioration by allicin in raw garlic through gut microbiota and trimethylamine-N-oxide modulation.. <i>Npj Biofilms and Microbiomes</i> , 2022 , 8, 4	8.2	3
110	Targeting mechanosensitive endothelial TXNDC5 to stabilize eNOS and reduce atherosclerosis in vivo.. <i>Science Advances</i> , 2022 , 8, eabl8096	14.3	0
109	Sex differences following percutaneous coronary intervention or coronary artery bypass surgery for acute myocardial infarction.. <i>Biology of Sex Differences</i> , 2022 , 13, 18	9.3	
108	Conus branch artery utilization in percutaneous coronary intervention for chronic total occlusion.. <i>Scientific Reports</i> , 2022 , 12, 7219	4.9	
107	The periprocedural and 30-day outcomes of carotid stenting in patients with carotid artery near-occlusion. <i>Scientific Reports</i> , 2021 , 11, 21876	4.9	0
106	Renin-angiotensin system inhibitors and mortality among diabetic patients with STEMI undergoing mechanical reperfusion during the COVID-19 pandemic.. <i>Diabetes Epidemiology and Management</i> , 2021 , 4, 100022		
105	COVID-19 pandemic, mechanical reperfusion and 30-day mortality in ST elevation myocardial infarction. <i>Heart</i> , 2021 ,	5.1	6
104	Development of an Efficient and Sensitive Chemical Derivatization-Based LC-MS/MS Method for Quantifying Gut Microbiota-Derived Metabolites in Human Plasma and Its Application in Studying Cardiovascular Disease. <i>Journal of Proteome Research</i> , 2021 , 20, 3508-3518	5.6	3
103	Rationale and design of the ADAPT-TAVR trial: a randomised comparison of edoxaban and dual antiplatelet therapy for prevention of leaflet thrombosis and cerebral embolisation after transcatheter aortic valve replacement. <i>BMJ Open</i> , 2021 , 11, e042587	3	1
102	Impact of conduction disturbances on left ventricular mass regression and geometry change following transcatheter aortic valve replacement. <i>Scientific Reports</i> , 2021 , 11, 16778	4.9	0
101	Global Chronic Total Occlusion Crossing Algorithm: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 840-853	15.1	21
100	Assessing the Impact of Transcatheter Aortic Valve Implantation on Cardiac Catheterisation: A Multicentric Study. <i>Heart Lung and Circulation</i> , 2021 , 30, 1397-1405	1.8	2
99	Sex differences in patients undergoing transcatheter aortic valve replacement in Asia. <i>Open Heart</i> , 2021 , 8,	3	2
98	How to Cross CTO Lesion from Retrograde Approach 2020 , 79-90		
97	From reverse CART to antegrade wire access: a guide to externalisation, tip-in, rendezvous, and snaring from the APCTO club: Reverse CART to antegrade access.. <i>AsiaIntervention</i> , 2020 , 6, 6-14	0.1	0
96	High dose escalation of intracoronary adenosine in the assessment of fractional flow reserve: A retrospective cohort study. <i>PLoS ONE</i> , 2020 , 15, e0240699	3.7	0
95	Temporal Change in Paravalvular Leakage after Transcatheter Aortic Valve Replacement with a Self-Expanding Valve: Impact of Aortic Valve Calcification. <i>Acta Cardiologica Sinica</i> , 2020 , 36, 140-147	1.1	

94	Advances in CrossBoss/Stingray use in antegrade dissection reentry from the Asia Pacific Chronic Total Occlusion Club. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 1423-1433	2.7	11
93	Characterization of TMAO productivity from carnitine challenge facilitates personalized nutrition and microbiome signatures discovery. <i>Microbiome</i> , 2020 , 8, 162	16.6	17
92	Long-term outcomes and left ventricular diastolic function of sarcomere mutation-positive and mutation-negative patients with hypertrophic cardiomyopathy: a prospective cohort study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 ,	4.1	2
91	Mutual Interplay of Host Immune System and Gut Microbiota in the Immunopathology of Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
90	Transcatheter aortic valve implantation during the COVID-19 pandemic: Clinical expert opinion and consensus statement for Asia. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 2142-2146	1.3	4
89	Retrograde Versus Antegrade Approach for Coronary Chronic Total Occlusion in an Algorithm-Driven Contemporary Asia-Pacific Multicentre Registry: Comparison of Outcomes. <i>Heart Lung and Circulation</i> , 2020 , 29, 894-903	1.8	12
88	miR-26a attenuates cardiac apoptosis and fibrosis by targeting ataxia-telangiectasia mutated in myocardial infarction. <i>Journal of Cellular Physiology</i> , 2020 , 235, 6085-6102	7	20
87	Quantification of cardiac pumping mechanics in rats by using the elastance-resistance model based solely on the measured left ventricular pressure and cardiac output. <i>Pflugers Archiv European Journal of Physiology</i> , 2019 , 471, 935-947	4.6	
86	Intentional combination of ProGlide and Angio-Seal for femoral access haemostasis in transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2019 , 293, 76-79	3.2	6
85	Chronic Total Occlusion Wiring: A State-of-the-Art Guide From The Asia Pacific Chronic Total Occlusion Club. <i>Heart Lung and Circulation</i> , 2019 , 28, 1490-1500	1.8	6
84	Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. <i>Circulation</i> , 2019 , 140, 420-433	16.7	120
83	Comparative Effectiveness and Safety of Antithrombotic Therapy in Atrial Fibrillation Patients Presenting with Acute Coronary Syndrome or Percutaneous Coronary Intervention. <i>Acta Cardiologica Sinica</i> , 2019 , 35, 508-521	1.1	3
82	Acute Femoral Occlusion After Adjunctive Angio-Seal Usage in Vascular Closure Following Transcatheter Aortic Valve Replacement. <i>JACC: Case Reports</i> , 2019 , 1, 549-552	1.2	
81	Identification of TMAO-producer phenotype and host-diet-gut dysbiosis by carnitine challenge test in human and germ-free mice. <i>Gut</i> , 2019 , 68, 1439-1449	19.2	72
80	Inhibition of semicarbazide-sensitive amine oxidase reduces atherosclerosis in apolipoprotein E-deficient mice. <i>Translational Research</i> , 2018 , 197, 12-31	11	8
79	Collateral Channel Size and Tortuosity Predict Retrograde Percutaneous Coronary Intervention Success for Chronic Total Occlusion. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e005124	6	21
78	Prevalence and outcome of patients with non-ST segment elevation myocardial infarction with occluded "culprit" artery - a systemic review and meta-analysis. <i>Critical Care</i> , 2018 , 22, 34	10.8	16
77	Frequency and Significance of Intravascular Hemolysis Before and After Transcatheter Aortic Valve Implantation in Patients With Severe Aortic Stenosis. <i>American Journal of Cardiology</i> , 2018 , 121, 69-72	3	6

76	Long-term Outcomes After Endovascular Recanalization in Patients with Chronic Carotid Artery Occlusion. <i>American Journal of Cardiology</i> , 2018 , 122, 1779-1783	3	9
75	Inhibition of Semicarbazide-sensitive Amine Oxidase Reduces Atherosclerosis in Cholesterol-fed New Zealand White Rabbits. <i>Scientific Reports</i> , 2018 , 8, 9249	4.9	8
74	Improvement of Pituitary Function after Carotid Revascularization in Patients with Abnormal Cerebral Perfusion - A Pilot Study. <i>Acta Cardiologica Sinica</i> , 2018 , 34, 472-480	1.1	0
73	Overview and proposed terminology for the reverse controlled antegrade and retrograde tracking (reverse CART) techniques. <i>EuroIntervention</i> , 2018 , 14, 94-101	3.1	31
72	Carotid-cavernous fistula after endovascular intervention for chronic carotid artery total occlusion. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, 735-741	2.7	5
71	Effect of ascending aortic dimension on acute procedural success following self-expanding transcatheter aortic valve replacement: A multicenter retrospective analysis. <i>International Journal of Cardiology</i> , 2017 , 244, 100-105	3.2	10
70	Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus Tricuspid Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2579-2589	15.1	240
69	Impact of hospital volume on long-term neurological outcome in patients undergoing carotid artery stenting. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, 1242-1249	2.7	1
68	Concern on article "Predicting procedure successful rate and 1-year patency after endovascular recanalization for chronic carotid artery occlusion by CT angiography". <i>International Journal of Cardiology</i> , 2017 , 229, 59	3.2	3
67	A New Algorithm for Crossing Chronic Total Occlusions From the Asia Pacific Chronic Total Occlusion Club. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2135-2143	5	104
66	Alterations of cerebral perfusion in asymptomatic internal carotid artery steno-occlusive disease. <i>Scientific Reports</i> , 2017 , 7, 1841	4.9	9
65	Defects in Vascular Mechanics Due to Aging in Rats: Studies on Arterial Wave Properties from a Single Aortic Pressure Pulse. <i>Frontiers in Physiology</i> , 2017 , 8, 503	4.6	1
64	Quantification of contractile mechanics in the rat heart from ventricular pressure alone. <i>Oncotarget</i> , 2017 , 8, 96161-96170	3.3	1
63	Everolimus-Eluting Bioresorbable Vascular Scaffold in Real World Practice - A Single Center Experience. <i>Acta Cardiologica Sinica</i> , 2017 , 33, 250-257	1.1	3
62	Retrograde Approach is as Effective and Safe as Antegrade Approach in Contemporary Percutaneous Coronary Intervention for Chronic Total Occlusion: A Taiwan Single-Center Registry Study. <i>Acta Cardiologica Sinica</i> , 2017 , 33, 20-27	1.1	12
61	Comments on "Effectiveness and safety of extracranial carotid stent placement: A nationwide self-controlled case-series study". <i>Journal of the Formosan Medical Association</i> , 2016 , 115, 62	3.2	
60	Serum Vascular Adhesion Protein-1 Predicts End-Stage Renal Disease in Patients with Type 2 Diabetes. <i>PLoS ONE</i> , 2016 , 11, e0147981	3.7	19
59	Prognostic Factors for Neurologic Outcome in Patients with Carotid Artery Stenting. <i>Acta Cardiologica Sinica</i> , 2016 , 32, 205-14	1.1	11

58	Predictors for Paravalvular Regurgitation After TAVR With the Self-Expanding Prosthesis: Quantitative Measurement of MDCT Analysis. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 1233-1234	8.4	7
57	One-year outcomes of the U.S. and Japanese regulatory trial of the Misago stent for treatment of superficial femoral artery disease (OSPREGY study). <i>Journal of Vascular Surgery</i> , 2016 , 63, 370-6.e1	3.5	19
56	Clinical Outcomes Following Transcatheter Aortic Valve Replacement in Asian Population. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 926-33	5	48
55	Transcatheter Aortic Valve Replacement With Early- and New-Generation Devices in Bicuspid Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1195-1205	15.1	144
54	Predictors for Successful Endovascular Intervention in Chronic Carotid Artery Total Occlusion. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 1825-32	5	45
53	Aspiration thrombectomy: timing should be considered. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 960-1	15.1	1
52	Comparison of aortic root anatomy and calcification distribution between Asian and Caucasian patients who underwent transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , 2015 , 116, 1566-73	3	23
51	Fasting but not changes of plasma metabolome during oral glucose tolerance tests improves the diagnosis of severe coronary arterial stenosis. <i>Clinical Endocrinology</i> , 2015 , 83, 483-9	3.4	3
50	Improvement of Cerebral Glucose Metabolism in Symptomatic Patients With Carotid Artery Stenosis After Stenting. <i>Clinical Nuclear Medicine</i> , 2015 , 40, 701-7	1.7	5
49	Access site complications following transfemoral coronary procedures: comparison between traditional compression and angioseal vascular closure devices for haemostasis. <i>BMC Cardiovascular Disorders</i> , 2015 , 15, 34	2.3	11
48	Serum vascular adhesion protein-1 predicts all-cause mortality and cancer-related mortality in subjects with colorectal cancer. <i>Clinica Chimica Acta</i> , 2014 , 428, 51-6	6.2	8
47	Plasma apelin: A novel biomarker for predicting diabetes. <i>Clinica Chimica Acta</i> , 2014 , 435, 18-23	6.2	53
46	Association of the recovery of objective abnormal cerebral perfusion with neurocognitive improvement after carotid revascularization. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 2503-9	15.1	30
45	Additive benefit of glycoprotein IIb/IIIa inhibition and adjunctive thrombus aspiration during primary coronary intervention: results of the Initial Thrombosuction and Tirofiban Infusion (ITTI) trial. <i>International Journal of Cardiology</i> , 2012 , 156, 174-9	3.2	18
44	Carotid stenting improves cognitive function in asymptomatic cerebral ischemia. <i>International Journal of Cardiology</i> , 2012 , 157, 104-7	3.2	36
43	Dislodged self-expanding carotid stent delivery sheath marker ring leading to emergent surgery. <i>Annals of Vascular Surgery</i> , 2011 , 25, 264.e1-4	1.7	1
42	Cost-effectiveness of drug-eluting stents in patients with stable coronary artery disease. <i>Journal of the Formosan Medical Association</i> , 2011 , 110, 109-14	3.2	3
41	Neurocognitive improvement after carotid artery stenting in patients with chronic internal carotid artery occlusion and cerebral ischemia. <i>Stroke</i> , 2011 , 42, 2850-4	6.7	59

40	Commentary: vertebral ostium stenting: unsolved puzzle. <i>Journal of Endovascular Therapy</i> , 2010 , 17, 241-2	2.5	3
39	Catheter-based neurosalvage for acute embolic complication during carotid intervention. <i>Journal of Vascular Surgery</i> , 2010 , 52, 308-13	3.5	2
38	Long-term outcome of percutaneous coronary intervention for unprotected left main coronary artery disease. <i>International Journal of Cardiology</i> , 2010 , 138, 272-6	3.2	4
37	Long-term prognosis in ethnic Chinese patients with unprotected left main coronary artery disease. <i>Clinical Research in Cardiology</i> , 2010 , 99, 437-43	6.1	4
36	The inhibition in tumor necrosis factor-alpha-induced attenuation in endothelial thrombomodulin expression by carvedilol is mediated by nuclear factor-kappaB and reactive oxygen species. <i>Journal of Thrombosis and Thrombolysis</i> , 2010 , 29, 52-9	5.1	15
35	Regarding "Symptomatic acute occlusion of the internal carotid artery: reappraisal of urgent vascular reconstruction based on current stroke imaging". <i>Journal of Vascular Surgery</i> , 2009 , 49, 278; author reply 278-9	3.5	
34	The clinical implications of blood adiponectin in cardiometabolic disorders. <i>Journal of the Formosan Medical Association</i> , 2009 , 108, 353-66	3.2	52
33	Factors associated with behavior modification for cardiovascular risk factors in patients with coronary artery disease in northern Taiwan. <i>The Journal of Nursing Research: JNR</i> , 2009 , 17, 221-30	2.3	7
32	Type A aortic dissection manifesting as acute myocardial infarction: still a lesson to learn. <i>Acta Cardiologica</i> , 2009 , 64, 499-504	0.9	27
31	High serum level of matrix metalloproteinase-1 and its rapid surge after intervention in patients with significant carotid atherosclerosis. <i>Journal of the Formosan Medical Association</i> , 2008 , 107, 93-8	3.2	12
30	Safety and feasibility of drug-eluting stent implantation at vertebral artery origin: the first case series in Asians. <i>Journal of the Formosan Medical Association</i> , 2008 , 107, 253-8	3.2	19
29	Procedural safety and potential vascular complication of endovascular recanalization for chronic cervical internal carotid artery occlusion. <i>Circulation: Cardiovascular Interventions</i> , 2008 , 1, 119-25	6	63
28	Serum vascular adhesion protein-1 is higher in subjects with early stages of chronic kidney disease. <i>Clinical Biochemistry</i> , 2008 , 41, 1362-7	3.5	43
27	Endovascular management of post-traumatic innominate artery transection with pseudo-aneurysm formation. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 72, 569-72	2.7	18
26	Feasibility of endovascular recanalization for symptomatic cervical internal carotid artery occlusion. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 765-71	15.1	77
25	In-stent restenosis in vertebral artery stenting. <i>Neuroradiology</i> , 2007 , 49, 865; author reply 867	3.2	1
24	Prevalence of concomitant atherosclerotic arterial diseases in patients with significant cervical carotid artery stenosis in Taiwan. <i>International Journal of Cardiovascular Imaging</i> , 2007 , 23, 433-9	2.5	18
23	Association of amino-terminal propeptide of type III procollagen and acute myocardial rejection in male patients receiving heart transplantation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 1004-8	5.9	2

22	Usefulness of drug eluting stent in percutaneous coronary intervention--a single center experience in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2007 , 106, 624-30	3.2	1
21	The relation of amino-terminal propeptide of type III procollagen and severity of coronary artery disease in patients without myocardial infarction or hibernation. <i>Clinical Biochemistry</i> , 2006 , 39, 861-6	3.5	18
20	Initial thrombosuction with subsequent angioplasty in primary coronary intervention--comparison with conventional strategy. <i>International Journal of Cardiology</i> , 2005 , 102, 121-6	3.2	7
19	Use of a pressure-sensing wire to detect sequential pressure gradients for ipsilateral vertebral and subclavian artery stenoses. <i>American Journal of Neuroradiology</i> , 2005 , 26, 1810-2	4.4	5
18	Symptomatic ostial vertebral artery stenosis treated with tubular coronary stents: clinical results and restenosis analysis. <i>Journal of Endovascular Therapy</i> , 2004 , 11, 719-26	2.5	56
17	Carotid artery stenosis: Routine predilatation or direct stenting?. <i>Annals of the College of Surgeons of Hong Kong</i> , 2004 , 8, 129-134		
16	Celiac artery stenting: a new strategy for patients with pancreaticoduodenal artery aneurysm associated with stenosis of the celiac artery. <i>Journal of Gastroenterology</i> , 2004 , 39, 81-5	6.9	46
15	The hemodynamic effects of internal carotid artery stenting: a study with color-coded duplex sonography. <i>Cerebrovascular Diseases</i> , 2003 , 15, 264-9	3.2	15
14	Postprocedural complications after angioplasty with stenting of the internal carotid artery. <i>Cerebrovascular Diseases</i> , 2003 , 16, 308-10	3.2	3
13	Long-term results of elective stenting for severe carotid artery stenosis in Taiwan. <i>Cardiology</i> , 2002 , 97, 89-93	1.6	18
12	Coronary stent strut avulsion in aorto-ostial in-stent restenosis: potential complication after cutting balloon angioplasty. <i>Catheterization and Cardiovascular Interventions</i> , 2002 , 56, 215-9	2.7	16
11	Export aspiration catheter thrombosuction before actual angioplasty in primary coronary intervention for acute myocardial infarction. <i>Catheterization and Cardiovascular Interventions</i> , 2002 , 57, 332-9	2.7	36
10	Suppression of cyclic coronary flow variation and reduction of restenosis with abciximab for morphologically high-risk lesions undergoing percutaneous coronary intervention. <i>Journal of Cardiovascular Pharmacology</i> , 2002 , 39, 901-8	3.1	2
9	Accuracy of biphasic response, sustained improvement and worsening during dobutamine echocardiography in predicting recovery of resting myocardial dysfunction after revascularization: comparison with thallium-201 SPECT. <i>Ultrasound in Medicine and Biology</i> , 2001 , 27, 925-31	3.5	5
8	Alterations of myocardial ultrasonic tissue characterization by coronary angioplasty in patients with chronic stable coronary artery disease. <i>Ultrasound in Medicine and Biology</i> , 2001 , 27, 1191-8	3.5	5
7	Aortic stenting on a type B aortic dissection with visceral and limb ischemia. <i>Catheterization and Cardiovascular Interventions</i> , 2001 , 52, 112-5	2.7	1
6	Alterations in ultrasonic backscatter during intra-aortic balloon counterpulsation support in patients with acute myocardial infarction. <i>Ultrasound in Medicine and Biology</i> , 1999 , 25, 1185-93	3.5	5
5	Intravascular ultrasonographic characterization of calcification of the patent ductus arteriosus in adults. <i>American Heart Journal</i> , 1996 , 132, 457-9	4.9	1

- 4 Inoue balloon deformity and rupture during percutaneous balloon valvuloplasty. *Catheterization and Cardiovascular Diagnosis*, **1996**, 38, 345-50; discussion 351 2
- 3 Migration of a fractured retention wire in the pulmonary artery from an active fixation atrial lead. *PACE - Pacing and Clinical Electrophysiology*, **1995**, 18, 1966-7 1.6 10
- 2 Endovascular Recanalization of Chronic Carotid Artery Occlusion 277-284
- 1 Interventions in Patients after CABG 240-259