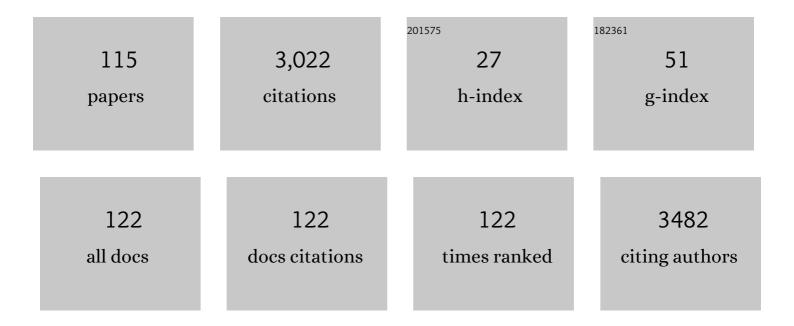
List of Publications by Year in descending order

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HSIEN-LI KAO

#	Article	IF	CITATIONS
1	Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus TricuspidÂAorticÂValve Stenosis. Journal of the American College of Cardiology, 2017, 69, 2579-2589.	1.2	356
2	Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. Circulation, 2019, 140, 420-433.	1.6	263
3	Transcatheter Aortic Valve Replacement With Early- and New-Generation Devices in Bicuspid Aortic Valve Stenosis. Journal of the American College of Cardiology, 2016, 68, 1195-1205.	1.2	177
4	A New Algorithm for Crossing Chronic Total Occlusions From the Asia Pacific Chronic Total Occlusion Club. JACC: Cardiovascular Interventions, 2017, 10, 2135-2143.	1.1	152
5	Global Chronic Total Occlusion CrossingÂAlgorithm. Journal of the American College of Cardiology, 2021, 78, 840-853.	1.2	111
6	Identification of TMAO-producer phenotype and host–diet–gut dysbiosis by carnitine challenge test in human and germ-free mice. Gut, 2019, 68, 1439-1449.	6.1	108
7	Feasibility of Endovascular Recanalization for Symptomatic Cervical Internal Carotid Artery Occlusion. Journal of the American College of Cardiology, 2007, 49, 765-771.	1.2	93
8	Predictors for Successful Endovascular Intervention in Chronic Carotid Artery Total Occlusion. JACC: Cardiovascular Interventions, 2016, 9, 1825-1832.	1.1	83
9	Procedural Safety and Potential Vascular Complication of Endovascular Recanalization for Chronic Cervical Internal Carotid Artery Occlusion. Circulation: Cardiovascular Interventions, 2008, 1, 119-125.	1.4	76
10	Neurocognitive Improvement After Carotid Artery Stenting in Patients With Chronic Internal Carotid Artery Occlusion and Cerebral Ischemia. Stroke, 2011, 42, 2850-2854.	1.0	76
11	Clinical Outcomes Following TranscatheterÂAortic Valve ReplacementÂinÂAsian Population. JACC: Cardiovascular Interventions, 2016, 9, 926-933.	1.1	67
12	Plasma apelin: A novel biomarker for predicting diabetes. Clinica Chimica Acta, 2014, 435, 18-23.	0.5	62
13	Symptomatic Ostial Vertebral Artery Stenosis Treated With Tubular Coronary Stents:Clinical Results and Restenosis Analysis. Journal of Endovascular Therapy, 2004, 11, 719-726.	0.8	61
14	Celiac artery stenting: a new strategy for patients with pancreaticoduodenal artery aneurysm associated with stenosis of the celiac artery. Journal of Gastroenterology, 2004, 39, 81-85.	2.3	58
15	The Clinical Implications of Blood Adiponectin in Cardiometabolic Disorders. Journal of the Formosan Medical Association, 2009, 108, 353-366.	0.8	56
16	Carotid stenting improves cognitive function in asymptomatic cerebral ischemia. International Journal of Cardiology, 2012, 157, 104-107.	0.8	48
17	Association of the Recovery of Objective Abnormal Cerebral Perfusion With Neurocognitive Improvement After Carotid Revascularization. Journal of the American College of Cardiology, 2013, 61, 2503-2509.	1.2	46
18	Overview and proposed terminology for the reverse controlled antegrade and retrograde tracking (reverse CART) techniques. EuroIntervention, 2018, 14, 94-101.	1.4	46

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19	Serum vascular adhesion protein-1 is higher in subjects with early stages of chronic kidney disease. Clinical Biochemistry, 2008, 41, 1362-1367.	0.8	44
20	Export aspiration catheter thrombosuction before actual angioplasty in primary coronary intervention for acute myocardial infarction. Catheterization and Cardiovascular Interventions, 2002, 57, 332-339.	0.7	42
21	Edoxaban Versus Dual Antiplatelet Therapy for Leaflet Thrombosis and Cerebral Thromboembolism After TAVR: The ADAPT-TAVR Randomized Clinical Trial. Circulation, 2022, 146, 466-479.	1.6	37
22	Collateral Channel Size and Tortuosity Predict Retrograde Percutaneous Coronary Intervention Success for Chronic Total Occlusion. Circulation: Cardiovascular Interventions, 2018, 11, e005124.	1.4	36
23	miRâ€26a attenuates cardiac apoptosis and fibrosis by targeting ataxia–telangiectasia mutated in myocardial infarction. Journal of Cellular Physiology, 2020, 235, 6085-6102.	2.0	36
24	Type A aortic dissection manifesting as acute myocardial infarction: Still a lesson to learn. Acta Cardiologica, 2009, 64, 499-504.	0.3	35
25	Characterization of TMAO productivity from carnitine challenge facilitates personalized nutrition and microbiome signatures discovery. Microbiome, 2020, 8, 162.	4.9	35
26	Comparison of Aortic Root Anatomy and Calcification Distribution Between Asian and Caucasian Patients Who Underwent Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2015, 116, 1566-1573.	0.7	31
27	Prevalence and outcome of patients with non-ST segment elevation myocardial infarction with occluded "culprit―artery – a systemic review and meta-analysis. Critical Care, 2018, 22, 34.	2.5	29
28	Atherosclerosis amelioration by allicin in raw garlic through gut microbiota and trimethylamine-N-oxide modulation. Npj Biofilms and Microbiomes, 2022, 8, 4.	2.9	29
29	COVID-19 pandemic, mechanical reperfusion and 30-day mortality in ST elevation myocardial infarction. Heart, 2022, 108, 458-466.	1.2	28
30	Retrograde Versus Antegrade Approach for Coronary Chronic Total Occlusion in an Algorithm-Driven Contemporary Asia-Pacific Multicentre Registry: Comparison of Outcomes. Heart Lung and Circulation, 2020, 29, 894-903.	0.2	26
31	Prevalence of concomitant atherosclerotic arterial diseases in patients with significant cervical carotid artery stenosis in Taiwan. International Journal of Cardiovascular Imaging, 2007, 23, 433-439.	0.7	25
32	Serum Vascular Adhesion Protein-1 Predicts End-Stage Renal Disease in Patients with Type 2 Diabetes. PLoS ONE, 2016, 11, e0147981.	1.1	24
33	The relation of amino-terminal propeptide of type III procollagen and severity of coronary artery disease in patients without myocardial infarction or hibernation. Clinical Biochemistry, 2006, 39, 861-866.	0.8	23
34	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. International Journal of Cardiology, 2012, 156, 174-179.	0.8	23
35	Endovascular management of postâ€traumatic innominate artery transection with pseudoâ€aneurysm formation. Catheterization and Cardiovascular Interventions, 2008, 72, 569-572.	0.7	22
36	Safety and Feasibility of Drug-eluting Stent Implantation at Vertebral Artery Origin: The First Case Series in Asians. Journal of the Formosan Medical Association, 2008, 107, 253-258.	0.8	21

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37	One-year outcomes of the U.S. and Japanese regulatory trial of the Misago stent for treatment of superficial femoral artery disease (OSPREY study). Journal of Vascular Surgery, 2016, 63, 370-376.e1.	0.6	21
38	Long-Term Results of Elective Stenting for Severe Carotid Artery Stenosis in Taiwan. Cardiology, 2002, 97, 89-93.	0.6	20
39	The inhibition in tumor necrosis factor-α-induced attenuation in endothelial thrombomodulin expression by carvedilol is mediated by nuclear factor-κB and reactive oxygen species. Journal of Thrombosis and Thrombolysis, 2010, 29, 52-59.	1.0	19
40	Long-term Outcomes After Endovascular Recanalization in Patients with Chronic Carotid Artery Occlusion. American Journal of Cardiology, 2018, 122, 1779-1783.	0.7	19
41	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. Journal of Proteome Research, 2021, 20, 3508-3518.	1.8	19
42	Advances in CrossBoss/Stingray use in antegrade dissection reentry from the Asia Pacific Chronic Total Occlusion Club. Catheterization and Cardiovascular Interventions, 2020, 96, 1423-1433.	0.7	17
43	Coronary stent strut avulsion in aorto-ostial in-stent restenosis: Potential complication after cutting balloon angioplasty. Catheterization and Cardiovascular Interventions, 2002, 56, 215-219.	0.7	16
44	The Hemodynamic Effects of Internal Carotid Artery Stenting: A Study with Color-Coded Duplex Sonography. Cerebrovascular Diseases, 2003, 15, 264-269.	0.8	16
45	Effect of ascending aortic dimension on acute procedural success following self-expanding transcatheter aortic valve replacement. International Journal of Cardiology, 2017, 244, 100-105.	0.8	16
46	Inhibition of semicarbazide-sensitive amine oxidase reduces atherosclerosis in apolipoprotein E-deficient mice. Translational Research, 2018, 197, 12-31.	2.2	16
47	Mutual Interplay of Host Immune System and Gut Microbiota in the Immunopathology of Atherosclerosis. International Journal of Molecular Sciences, 2020, 21, 8729.	1.8	16
48	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. Acta Cardiologica Sinica, 2017, 33, 20-27.	0.1	15
49	Prognostic Factors for Neurologic Outcome in Patients with Carotid Artery Stenting. Acta Cardiologica Sinica, 2016, 32, 205-14.	0.1	15
50	Alterations of cerebral perfusion in asymptomatic internal carotid artery steno-occlusive disease. Scientific Reports, 2017, 7, 1841.	1.6	14
51	Intentional combination of ProClide and Angio-Seal for femoral access haemostasis in transcatheter aortic valve replacement. International Journal of Cardiology, 2019, 293, 76-79.	0.8	14
52	Chronic Total Occlusion Wiring: A State-of-the-Art Guide From The Asia Pacific Chronic Total Occlusion Club. Heart Lung and Circulation, 2019, 28, 1490-1500.	0.2	14
53	High Serum Level of Matrix Metalloproteinase-1 and Its Rapid Surge After Intervention in Patients with Significant Carotid Atherosclerosis. Journal of the Formosan Medical Association, 2008, 107, 93-98.	0.8	13
54	Serum vascular adhesion protein-1 predicts all-cause mortality and cancer-related mortality in subjects with colorectal cancer. Clinica Chimica Acta, 2014, 428, 51-56.	0.5	12

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55	Access site complications following transfemoral coronary procedures: comparison between traditional compression and angioseal vascular closure devices for haemostasis. BMC Cardiovascular Disorders, 2015, 15, 34.	0.7	12
56	Inhibition of Semicarbazide-sensitive Amine Oxidase Reduces Atherosclerosis in Cholesterol-fed New Zealand White Rabbits. Scientific Reports, 2018, 8, 9249.	1.6	12
57	Sex differences in patients undergoing transcatheter aortic valve replacement in Asia. Open Heart, 2021, 8, e001541.	0.9	11
58	Migration of a Fractured Retention Wire in the Pulmonary Artery From an Active Fixation Atrial Lead. PACE - Pacing and Clinical Electrophysiology, 1995, 18, 1966-1967.	0.5	10
59	Targeting mechanosensitive endothelial TXNDC5 to stabilize eNOS and reduce atherosclerosis in vivo. Science Advances, 2022, 8, eabl8096.	4.7	10
60	Factors Associated With Behavior Modification for Cardiovascular Risk Factors in Patients With Coronary Artery Disease in Northern Taiwan. The Journal of Nursing Research: JNR, 2009, 17, 221-230.	0.7	9
61	Frequency and Significance of Intravascular Hemolysis Before and After Transcatheter Aortic Valve Implantation in Patients With Severe Aortic Stenosis. American Journal of Cardiology, 2018, 121, 69-72.	0.7	9
62	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. BMJ Open, 2021, 11, e042587.	0.8	9
63	Comparative Effectiveness and Safety of Antithrombotic Therapy in Atrial Fibrillation Patients Presenting with Acute Coronary Syndrome or Percutaneous Coronary Intervention. Acta Cardiologica Sinica, 2019, 35, 508-521.	0.1	9
64	Initial thrombosuction with subsequent angioplasty in primary coronary intervention—comparison with conventional strategy. International Journal of Cardiology, 2005, 102, 121-126.	0.8	8
65	Improvement of Cerebral Glucose Metabolism in Symptomatic Patients With Carotid Artery Stenosis After Stenting. Clinical Nuclear Medicine, 2015, 40, 701-707.	0.7	8
66	Transcatheter aortic valve implantation during the COVIDâ€19 pandemic: Clinical expert opinion and consensus statement for Asia. Journal of Cardiac Surgery, 2020, 35, 2142-2146.	0.3	8
67	Long-term outcome of percutaneous coronary intervention for unprotected left main coronary artery disease. International Journal of Cardiology, 2010, 138, 272-276.	0.8	7
68	Predictors for Paravalvular Regurgitation AfterÂTAVRÂWith the Self-Expanding Prosthesis: Quantitative Measurement of MDCT Analysis. JACC: Cardiovascular Imaging, 2016, 9, 1233-1234.	2.3	7
69	Use of a pressure-sensing wire to detect sequential pressure gradients for ipsilateral vertebral and subclavian artery stenoses. American Journal of Neuroradiology, 2005, 26, 1810-2.	1.2	7
70	Carotidâ€cavernous fistula after endovascular intervention for chronic carotid artery total occlusion. Catheterization and Cardiovascular Interventions, 2018, 91, 735-741.	0.7	6
71	Everolimus-Eluting Bioresorbable Vascular Scaffold in Real World Practice - A Single Center Experience. Acta Cardiologica Sinica, 2017, 33, 250-257.	0.1	6
72	Alterations in ultrasonic backscatter during intra-aortic balloon counterpulsation support in patients with acute myocardial infarction. Ultrasound in Medicine and Biology, 1999, 25, 1185-1193.	0.7	5

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73	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. Ultrasound in Medicine and Biology, 2001, 27, 925-931.	0.7	5
74	Alterations of myocardial ultrasonic tissue characterization by coronary angioplasty in patients with chronic stable coronary artery disease. Ultrasound in Medicine and Biology, 2001, 27, 1191-1198.	0.7	5
75	Long-term prognosis in ethnic Chinese patients with unprotected left main coronary artery disease. Clinical Research in Cardiology, 2010, 99, 437-443.	1.5	5
76	Cost-effectiveness of Drug-eluting Stents in Patients With Stable Coronary Artery Disease. Journal of the Formosan Medical Association, 2011, 110, 109-114.	0.8	5
77	Inoue balloon deformity and rupture during percutaneous balloon valvuloplasty. , 1996, 38, 345-350.		4
78	Impact of hospital volume on longâ€ŧerm neurological outcome in patients undergoing carotid artery stenting. Catheterization and Cardiovascular Interventions, 2017, 89, 1242-1249.	0.7	4
79	Concern on article "Predicting procedure successful rate and 1-year patency after endovascular recanalization for chronic carotid artery occlusion by CT angiography― International Journal of Cardiology, 2017, 229, 59.	0.8	4
80	Defects in Vascular Mechanics Due to Aging in Rats: Studies on Arterial Wave Properties from a Single Aortic Pressure Pulse. Frontiers in Physiology, 2017, 8, 503.	1.3	4
81	Long-term outcomes and left ventricular diastolic function of sarcomere mutation-positive and mutation-negative patients with hypertrophic cardiomyopathy: a prospective cohort study. European Heart Journal Cardiovascular Imaging, 2020, , .	0.5	4
82	Improvement of Pituitary Function after Carotid Revascularization in Patients with Abnormal Cerebral Perfusion - A Pilot Study. Acta Cardiologica Sinica, 2018, 34, 472-480.	0.1	4
83	Sex differences following percutaneous coronary intervention or coronary artery bypass surgery for acute myocardial infarction. Biology of Sex Differences, 2022, 13, 18.	1.8	4
84	Suppression of Cyclic Coronary Flow Variation and Reduction of Restenosis with Abciximab for Morphologically High-Risk Lesions Undergoing Percutaneous Coronary Intervention. Journal of Cardiovascular Pharmacology, 2002, 39, 901-908.	0.8	3
85	Postprocedural Complications after Angioplasty with Stenting of the Internal Carotid Artery. Cerebrovascular Diseases, 2003, 16, 308-310.	0.8	3
86	Commentary: Vertebral Ostium Stenting: Unsolved Puzzle. Journal of Endovascular Therapy, 2010, 17, 241-242.	0.8	3
87	Catheter-based neurosalvage for acute embolic complication during carotid intervention. Journal of Vascular Surgery, 2010, 52, 308-313.	0.6	3
88	Fasting but not changes of plasma metabolome during oral glucose tolerance tests improves the diagnosis of severe coronary arterial stenosis. Clinical Endocrinology, 2015, 83, 483-489.	1.2	3
89	Assessing the Impact of Transcatheter Aortic Valve Implantation on Cardiac Catheterisation: A Multicentric Study. Heart Lung and Circulation, 2021, 30, 1397-1405.	0.2	3
90	The periprocedural and 30-day outcomes of carotid stenting in patients with carotid artery near-occlusion. Scientific Reports, 2021, 11, 21876.	1.6	3

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91	Aortic stenting on a type B aortic dissection with visceral and limb ischemia. Catheterization and Cardiovascular Interventions, 2001, 52, 112-115.	0.7	2
92	Association of amino-terminal propeptide of type III procollagen and acute myocardial rejection in male patients receiving heart transplantation. Clinical Chemistry and Laboratory Medicine, 2007, 45, 1004-8.	1.4	2
93	In-stent restenosis in vertebral artery stenting. Neuroradiology, 2007, 49, 865-865.	1.1	2
94	Impact of conduction disturbances on left ventricular mass regression and geometry change following transcatheter aortic valve replacement. Scientific Reports, 2021, 11, 16778.	1.6	2
95	Quantification of contractile mechanics in the rat heart from ventricular pressure alone. Oncotarget, 2017, 8, 96161-96170.	0.8	2
96	High dose escalation of intracoronary adenosine in the assessment of fractional flow reserve: A retrospective cohort study. PLoS ONE, 2020, 15, e0240699.	1.1	2
97	Intravascular ultrasonographic characterization of calcification of the patent ductus arteriosus in adults. American Heart Journal, 1996, 132, 457-459.	1.2	1
98	Usefulness of Drug Eluting Stent in Percutaneous Coronary Intervention—A Single Center Experience in Taiwan. Journal of the Formosan Medical Association, 2007, 106, 624-630.	0.8	1
99	Dislodged Self-Expanding Carotid Stent Delivery Sheath Marker Ring Leading to Emergent Surgery. Annals of Vascular Surgery, 2011, 25, 264.e1-264.e4.	0.4	1
100	Aspiration Thrombectomy. Journal of the American College of Cardiology, 2015, 65, 960-961.	1.2	1
101	Quantification of cardiac pumping mechanics in rats by using the elastance–resistance model based solely on the measured left ventricular pressure and cardiac output. Pflugers Archiv European Journal of Physiology, 2019, 471, 935-947.	1.3	1
102	Renin-Angiotensin System inhibitors and mortality among diabetic patients with STEMI undergoing mechanical reperfusion during the COVID Pandemic. Diabetes Epidemiology and Management, 2021, 4, 100022.	0.4	1
103	From reverse CART to antegrade wire access: a guide to externalisation, tip-in, rendezvous, and snaring from the APCTO club. AsiaIntervention, 2020, 6, 6-14.	0.1	1
104	Temporal Change in Paravalvular Leakage after Transcatheter Aortic Valve Replacement with a Self-Expanding Valve: Impact of Aortic Valve Calcification. Acta Cardiologica Sinica, 2020, 36, 140-147.	0.1	1
105	Lesion impacts on long-term outcomes in patients implanted with bioresorbable vascular scaffold. Journal of the Formosan Medical Association, 2021, , .	0.8	1
106	Carotid artery stenosis: Routine predilatation or direct stenting?. Annals of the College of Surgeons of Hong Kong, 2004, 8, 129-134.	0.0	0
107	Regarding "Symptomatic acute occlusion of the internal carotid artery: Reappraisal of urgent vascular reconstruction based on current stroke imaging― Journal of Vascular Surgery, 2009, 49, 278.	0.6	0
108	Response to Letter Regarding Article "Neurocognitive Improvement After Carotid Artery Stenting in Patients With Chronic Internal Carotid Artery Occlusion and Cerebral Ischemia― Stroke, 2012, 43, .	1.0	0

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109	Comments on "Effectiveness and safety of extracranial carotid stent placement: A nationwide self-controlled case-series study― Journal of the Formosan Medical Association, 2016, 115, 62.	0.8	ο
110	Deep Feature Learning for Contour Segmentation of Aorta's Intima by Using Sub-Micron-Resolution OCT. , 2019, , .		0
111	Acute Femoral Occlusion After Adjunctive Angio-Seal Usage in Vascular Closure Following Transcatheter Aortic Valve Replacement. JACC: Case Reports, 2019, 1, 549-552.	0.3	0
112	How to Cross CTO Lesion from Retrograde Approach. , 2020, , 79-90.		0
113	Long-Term Clinical Outcomes of Fractional Flow Reserve-Guided Coronary Artery Revascularization in Chronic Kidney Disease. Journal of Personalized Medicine, 2022, 12, 21.	1.1	0
114	Interventions in Patients after CABC. , 0, , 240-259.		0
115	Conus branch artery utilization in percutaneous coronary intervention for chronic total occlusion. Scientific Reports, 2022, 12, 7219.	1.6	ο