

Hsin-bang Leu

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

2,423
citations

218677

26
h-index

276875

41
g-index

124
all docs

124
docs citations

124
times ranked

3989
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Trimethylamine N-Oxide Attenuates Neointimal Formation Through Reduction of Inflammasome and Oxidative Stress in a Mouse Model of Carotid Artery Ligation. <i>Antioxidants and Redox Signaling</i> , 2023, 38, 215-233.	5.4	8
2	Membranous septum length predicts conduction disturbances following transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 42-51.e2.	0.8	20
3	Prolonged sitting time links to subclinical atherosclerosis. <i>Journal of the Chinese Medical Association</i> , 2022, 85, 51-58.	1.4	5
4	Impact of Pre-Procedural Mesenteric Artery Stenosis and Mesenteric Ischemia in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.8	1
5	Technical Characteristics and Feasibility of Coronary Angiography and Percutaneous Coronary Interventions Performed after Transcatheter Aortic Valve Replacement with Self-Expanding Valves.. <i>Acta Cardiologica Sinica</i> , 2022, 38, 56-63.	0.2	0
6	Gal-1 (Galectin-1) Upregulation Contributes to Abdominal Aortic Aneurysm Progression by Enhancing Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 331-345.	2.4	12
7	The association of the steatosis severity in fatty liver disease with coronary plaque pattern in general population. <i>Liver International</i> , 2021, 41, 81-90.	3.9	20
8	Sex difference in sympathetic nervous system activity and blood pressure in hypertensive patients. <i>Journal of Clinical Hypertension</i> , 2021, 23, 137-146.	2.0	6
9	Circulating fatty-acid binding-protein 4 levels predict CV events in patients after coronary interventions. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 728-736.	1.7	6
10	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
11	Adherence to healthy lifestyle improved clinical outcomes in coronary artery disease patients after coronary intervention. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 596-605.	1.4	12
12	Intraoperative ECMO assistance during TAVI for aortic insufficiency in an Asian patient with LVAD support. <i>ESC Heart Failure</i> , 2021, 8, 3418-3421.	3.1	3
13	Significance of serum FGF-23 for risk assessment of contrast-associated acute kidney injury and clinical outcomes in patients undergoing coronary angiography. <i>PLoS ONE</i> , 2021, 16, e0254835.	2.5	5
14	Optimal blood pressure for patients with end-stage renal disease following coronary interventions. <i>Journal of Clinical Hypertension</i> , 2021, 23, 1622-1630.	2.0	1
15	Dual DNA Transfection Using 1,6-Hexanedithiol-Conjugated Maleimide-Functionalized PU-PEI600 For Gene Correction in a Patient iPSC-Derived Fabry Cardiomyopathy Model. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634190.	3.7	1
16	Impact of Prosthesis-Patient Mismatch After Transcatheter Aortic Valve Replacement in Asian Patients. <i>Annals of Thoracic Surgery</i> , 2021, , .	1.3	2
17	Association between phosphate and long-term outcome in CAD patients underwent coronary intervention. <i>Scientific Reports</i> , 2021, 11, 20080.	3.3	3
18	Prediction of Masked Hypertension and Masked Uncontrolled Hypertension Using Machine Learning. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 778306.	2.4	19

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19	Spirometric reference values in healthy Chinese adults in Taiwan: The secular changes and comparison with other Asian populations. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 290-299.	1.7	10
20	Women had favourable reverse left ventricle remodelling after TAVR. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13183.	3.4	11
21	Hemoglobin A1C Levels are Independently Associated with the Risk of Coronary Atherosclerotic Plaques in Patients without Diabetes: A Cross-Sectional Study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2020, 27, 789-800.	2.0	7
22	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
23	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
24	Cardiovascular manifestation and treatment in COVID-19. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 704-709.	1.4	29
25	Association of Arachidonic Acid-derived Lipid Mediators with Subsequent Onset of Acute Myocardial Infarction in Patients with Coronary Artery Disease. <i>Scientific Reports</i> , 2020, 10, 8105.	3.3	23
26	Association between Preoperative Nutritional Status and Clinical Outcomes of Patients with Coronary Artery Disease Undergoing Percutaneous Coronary Intervention. <i>Nutrients</i> , 2020, 12, 1295.	4.1	30
27	Sex difference in the prognostic role of body composition parameters in Taiwanese patients undergoing transcatheter aortic valve implantation. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 283.	1.7	4
28	Association of variability in uric acid and future clinical outcomes of patient with coronary artery disease undergoing percutaneous coronary intervention. <i>Atherosclerosis</i> , 2020, 297, 40-46.	0.8	31
29	Potential impacts of high-sensitivity creatine kinase-MB on long-term clinical outcomes in patients with stable coronary heart disease. <i>Scientific Reports</i> , 2020, 10, 5638.	3.3	10
30	Systemic immune-inflammatory index (SII) predicted clinical outcome in patients with coronary artery disease. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13230.	3.4	291
31	Factor analysis for the clustering of cardiometabolic risk factors and sedentary behavior, a cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0242365.	2.5	5
32	Risk of ischemic stroke in patients with end-stage renal disease receiving peritoneal dialysis with new-onset atrial fibrillation. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 1066-1070.	1.4	1
33	Title is missing!. , 2020, 15, e0242365.		0
34	Title is missing!. , 2020, 15, e0242365.		0
35	Title is missing!. , 2020, 15, e0242365.		0
36	Title is missing!. , 2020, 15, e0242365.		0

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37	Title is missing!. , 2020, 15, e0242365.		0
38	Title is missing!. , 2020, 15, e0242365.		0
39	Dysphagia and risk of aspiration pneumonia: A nonrandomized, pair-matched cohort study. <i>Journal of Dental Sciences</i> , 2019, 14, 241-247.	2.5	18
40	The benefit of secondary prevention with oat fiber in reducing future cardiovascular event among CAD patients after coronary intervention. <i>Scientific Reports</i> , 2019, 9, 3091.	3.3	11
41	Generation of GLA-Knockout Human Embryonic Stem Cell Lines to Model Autophagic Dysfunction and Exosome Secretion in Fabry Disease-Associated Hypertrophic Cardiomyopathy. <i>Cells</i> , 2019, 8, 327.	4.1	33
42	Circulating TNFSF14 (Tumor Necrosis Factor Superfamily 14) Predicts Clinical Outcome in Patients With Stable Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1240-1252.	2.4	15
43	The Mediterranean diet reduces the genetic risk of chromosome 9p21 for myocardial infarction in an Asian population community cohort. <i>Scientific Reports</i> , 2019, 9, 18405.	3.3	10
44	Phorbol ester-induced angiogenesis of endothelial progenitor cells: The role of NADPH oxidase-mediated, redox-related matrix metalloproteinase pathways. <i>PLoS ONE</i> , 2019, 14, e0209426.	2.5	5
45	Serum bilirubin improves the risk predictions of cardiovascular and total death in diabetic patients. <i>Clinica Chimica Acta</i> , 2019, 488, 1-6.	1.1	19
46	Impact of type D personality on clinical outcomes in Asian patients with stable coronary artery disease. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 721-729.	1.7	21
47	Spontaneous Hemopericardium Complicated with Hemothorax in a Patient Receiving Edoxaban Therapy: A Case Report. <i>Acta Cardiologica Sinica</i> , 2019, 35, 342-344.	0.2	4
48	InVestiGation of the Association of Physical Activity and Sedentary Behavior with tHe Occurrence of Future Cardiovascular Disease and Long Term Outcome in General Population Using the HEALTHCARE Database (). <i>Acta Cardiologica Sinica</i> , 2019, 35, 534-541.	0.2	2
49	The ratio of AGE to sRAGE independently associated with albuminuria in hypertensive patients. <i>BMC Endocrine Disorders</i> , 2018, 18, 84.	2.2	5
50	The prognostic significance of heart-type fatty acid binding protein in patients with stable coronary heart disease. <i>Scientific Reports</i> , 2018, 8, 14410.	3.3	19
51	Increase Carotid Flow by Double Sheath Connection Technique to Reduce Cerebral Ischemia for Transcatheter Aortic Valve Implantation through Transcarotid Approach. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2018, 24, 161-164.	0.8	3
52	Inhibition of Arachidonate 12/15-Lipoxygenase Improves β -Galactosidase Efficacy in iPSC-Derived Cardiomyocytes from Fabry Patients. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1480.	4.1	9
53	Circulating Fibroblast Growth Factor 21 is Associated with Subsequent Renal Injury Events in Patients Undergoing Coronary Angiography. <i>Scientific Reports</i> , 2018, 8, 12425.	3.3	9
54	High health literacy is associated with less obesity and lower Framingham risk score: Sub-study of the VGH-HEALTHCARE trial. <i>PLoS ONE</i> , 2018, 13, e0194813.	2.5	33

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55	Energy utilization of induced pluripotent stem cell-derived cardiomyocyte in Fabry disease. <i>International Journal of Cardiology</i> , 2017, 232, 255-263.	1.7	33
56	Identification of new biosignatures for clinical outcomes in stable coronary artery disease - The study protocol and initial observations of a prospective follow-up study in Taiwan. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 42.	1.7	22
57	Association of low serum albumin concentration and adverse cardiovascular events in stable coronary heart disease. <i>International Journal of Cardiology</i> , 2017, 241, 1-5.	1.7	65
58	Usefulness of the CHADS2 Score for Prognostic Stratification in Patients With Coronary Artery Disease Having Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2017, 119, 839-844.	1.6	12
59	Optimal achieved blood pressure for patients with stable coronary artery disease. <i>Scientific Reports</i> , 2017, 7, 10137.	3.3	6
60	Autonomic dysfunction plays a decisive role in the arrhythmia initiation, whereas metabolic disorders facilitate further atrial remodeling in antipsychotic-related atrial fibrillation. <i>International Journal of Cardiology</i> , 2017, 247, 33.	1.7	0
61	The Impact of Rehabilitation Frequencies in the First Year after Stroke on the Risk of Recurrent Stroke and Mortality. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2755-2762.	1.6	16
62	Antipsychotic treatment is associated with risk of atrial fibrillation: A nationwide nested case-control study. <i>International Journal of Cardiology</i> , 2017, 227, 134-140.	1.7	23
63	Dipeptidyl Peptidase-4 Inhibitors, Peripheral Arterial Disease, and Lower Extremity Amputation Risk in Diabetic Patients. <i>American Journal of Medicine</i> , 2017, 130, 348-355.	1.5	22
64	Higher post-acute myocardial infarction plasma haptoglobin level is associated with poor long-term overall survival. <i>International Journal of Cardiology</i> , 2017, 229, 102-107.	1.7	6
65	Aortic Arch Calcification Associated with Cardiovascular Events and Death among Patients with Acute Coronary Syndrome. <i>Acta Cardiologica Sinica</i> , 2017, 33, 241-249.	0.2	10
66	Procedural Characteristics and Outcomes of Transcatheter Aortic Valve Implantation: A Single-Center Experience of the First 100 Inoperable or High Surgical Risk Patients with Severe Aortic Stenosis. <i>Acta Cardiologica Sinica</i> , 2017, 33, 339-349.	0.2	18
67	Using CRISPR/Cas9-Mediated GLA Gene Knockout as an In Vitro Drug Screening Model for Fabry Disease. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2089.	4.1	18
68	Association between previous history of gout attack and risk of deep vein thrombosis - a nationwide population-based cohort study. <i>Scientific Reports</i> , 2016, 6, 26541.	3.3	18
69	Evaluation of Proinflammatory Prognostic Biomarkers for Fabry Cardiomyopathy With Enzyme Replacement Therapy. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1221.e1-1221.e9.	1.7	35
70	Sleep apnea and risk of aortic dissection: A nonrandomized, pair-matched cohort study. <i>Journal of the Chinese Medical Association</i> , 2016, 79, 422-427.	1.4	7
71	Prediction of vascular dementia and Alzheimer's disease in patients with atrial fibrillation or atrial flutter using CHADS2 score. <i>Journal of the Chinese Medical Association</i> , 2016, 79, 470-476.	1.4	14
72	Usefulness of the CHADS2 Score for Determining Risk of Seizure in Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2016, 118, 1340-1344.	1.6	9

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73	Hypertension subtypes modify metabolic response to thiazide diuretics. <i>European Journal of Clinical Investigation</i> , 2016, 46, 80-91.	3.4	2
74	Response to Comment on Yang et al. Association of Statin Use and Reduced Risk of Lower-Extremity Amputation Among Patients With Diabetes: A Nationwide Population-Based Cohort Observation. <i>Diabetes Care</i> 2016;39:e54â€e55. <i>Diabetes Care</i> , 2016, 39, e161-e162.	8.6	0
75	Double trouble for transcatheter aortic valve implantation: a patient with no vascular access and high-risk features for bilateral coronary obstruction. <i>European Heart Journal</i> , 2016, 38, ehw083.	2.2	2
76	CHADS2 score predicts risk of contrast-induced nephropathy in stable coronary artery disease patients undergoing percutaneous coronary interventions. <i>Journal of the Formosan Medical Association</i> , 2016, 115, 501-509.	1.7	16
77	Four-year follow-up of acquired aorto-right ventricular fistula after transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2016, 37, 2679-2679.	2.2	11
78	Association of Statin Use and Reduced Risk of Lower-Extremity Amputation Among Patients With Diabetes: A Nationwide Population-Based Cohort Observation. <i>Diabetes Care</i> , 2016, 39, e54-e55.	8.6	7
79	Establishing a risk scoring system for predicting erosive esophagitis. <i>Advances in Digestive Medicine</i> , 2016, 3, 95-100.	0.2	2
80	The association between urinary calculi and increased risk of future cardiovascular events: A nationwide population-based study. <i>Journal of Cardiology</i> , 2016, 67, 463-470.	1.9	14
81	Increased Circulating Visfatin Is Associated With Progression of Kidney Disease in Non-Diabetic Hypertensive Patients. <i>American Journal of Hypertension</i> , 2016, 29, 528-536.	2.0	14
82	Interleukin-18 deteriorates Fabry cardiomyopathy and contributes to the development of left ventricular hypertrophy in Fabry patients with GLA IVS4+919 G>A mutation. <i>Oncotarget</i> , 2016, 7, 87161-87179.	1.8	26
83	Association of Serum Bilirubin with SYNTAX Score and Future Cardiovascular Events in Patients Undergoing Coronary Intervention. <i>Acta Cardiologica Sinica</i> , 2016, 32, 412-9.	0.2	8
84	Usefulness of Circulating Decoy Receptor 3 in Predicting Coronary Artery Disease Severity and Future Major Adverse Cardiovascular Events in Patients With Multivessel Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2015, 116, 1028-1033.	1.6	15
85	Rivaroxaban, a factor Xa inhibitor, improves neovascularization in the ischemic hindlimb of streptozotocin-induced diabetic mice. <i>Cardiovascular Diabetology</i> , 2015, 14, 81.	6.8	41
86	Age-Related Macular Degeneration and Risk of Degenerative Dementia among the Elderly in Taiwan. <i>Ophthalmology</i> , 2015, 122, 2327-2335.e2.	5.2	58
87	Association of circadian genes with diurnal blood pressure changes and non-dipper essential hypertension: a genetic association with young-onset hypertension. <i>Hypertension Research</i> , 2015, 38, 155-162.	2.7	41
88	Investigating the role of Sirt1-modulated oxidative stress in relation to benign paroxysmal positional vertigo and Parkinson's disease. <i>Neurobiology of Aging</i> , 2015, 36, 2607-2616.	3.1	31
89	Serum Bilirubin Levels Predict Future Development of Metabolic Syndrome in Healthy Middle-aged Nonsmoking Men. <i>American Journal of Medicine</i> , 2015, 128, 1138.e35-1138.e41.	1.5	23
90	Low-normal serum potassium is associated with an increased risk of cardiovascular and all-cause death in community-based elderly. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 517-525.	1.7	21

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91	Obstructive sleep apnea and the risk of ischemic stroke in patients with atrial fibrillation. <i>International Journal of Cardiology</i> , 2015, 181, 144-146.	1.7	12
92	Reduction of Circulating Endothelial Progenitor Cell Level Is Associated with Contrast-Induced Nephropathy in Patients Undergoing Percutaneous Coronary and Peripheral Interventions. <i>PLoS ONE</i> , 2014, 9, e89942.	2.5	12
93	A Novel SNP Associated with Nighttime Pulse Pressure in Young-Onset Hypertension Patients Could Be a Genetic Prognostic Factor for Cardiovascular Events in a General Cohort in Taiwan. <i>PLoS ONE</i> , 2014, 9, e97919.	2.5	11
94	The Impact of Endothelial Progenitor Cells on Restenosis after Percutaneous Angioplasty of Hemodialysis Vascular Access. <i>PLoS ONE</i> , 2014, 9, e101058.	2.5	25
95	Increased Risk of Ischemic Stroke in Patients with Benign Paroxysmal Positional Vertigo: A 9-Year Follow-Up Nationwide Population Study in Taiwan. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 108.	3.4	38
96	Genetic predictors of thiazide-induced serum potassium changes in nondiabetic hypertensive patients. <i>Hypertension Research</i> , 2014, 37, 759-764.	2.7	3
97	Metformin use in patients with type 2 diabetes mellitus is associated with reduced risk of deep vein thrombosis: a non-randomized, pair-matched cohort study. <i>BMC Cardiovascular Disorders</i> , 2014, 14, 187.	1.7	25
98	Mammography and the Risk of Thyroid and Hematological Cancers: A Nationwide Population-based Study. <i>Breast Journal</i> , 2014, 20, 496-501.	1.0	4
99	Primary Sjögren's syndrome and risk of ischemic stroke: a nationwide study. <i>Clinical Rheumatology</i> , 2014, 33, 931-937.	2.2	25
100	The association of asthma and atrial fibrillation – A nationwide population-based nested case-control study. <i>International Journal of Cardiology</i> , 2014, 176, 464-469.	1.7	37
101	Metformin-inclusive Therapy Reduces the Risk of Stroke in Patients with Diabetes: A 4-Year Follow-up Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, e99-e105.	1.6	83
102	Aspirin attenuates vinorelbine-induced endothelial inflammation via modulating SIRT1/AMPK axis. <i>Biochemical Pharmacology</i> , 2014, 88, 189-200.	4.4	35
103	Diabetes Mellitus and the Risk of Alzheimer's Disease: A Nationwide Population-Based Study. <i>PLoS ONE</i> , 2014, 9, e87095.	2.5	187
104	Hip fracture and risk of acute myocardial infarction: A nationwide study. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 404-411.	2.8	54
105	Primary Sjögren's Syndrome and the Risk of Acute Myocardial Infarction: A Nationwide Study. <i>Acta Cardiologica Sinica</i> , 2013, 29, 124-31.	0.2	15
106	Baseline Serum Aldosterone-to-Renin Ratio is Associated with the Add-on Effect of Thiazide Diuretics in Non-Diabetic Essential Hypertensives. <i>Acta Cardiologica Sinica</i> , 2013, 29, 37-48.	0.2	1
107	Increased Risk of Ischemic Stroke in Patients with Systemic Lupus Erythematosus: A Nationwide Population-based Study. <i>Internal Medicine</i> , 2012, 51, 17-21.	0.7	49
108	Genetic variants of connexin37 are associated with carotid intima-medial thickness and future onset of ischemic stroke. <i>Atherosclerosis</i> , 2011, 214, 101-106.	0.8	41

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109	Adiponectin Gene Polymorphism Is Selectively Associated with the Concomitant Presence of Metabolic Syndrome and Essential Hypertension. PLoS ONE, 2011, 6, e19999.	2.5	42
110	Association Between Mycoplasma Pneumonia and Increased Risk of Ischemic Stroke. Stroke, 2011, 42, 2940-2943.	2.0	36
111	The severity of non-alcoholic fatty liver disease correlates with high sensitivity C-reactive protein value and is independently associated with increased cardiovascular risk in healthy population. Clinical Biochemistry, 2010, 43, 1399-1404.	1.9	50
112	Serum bilirubin predicts long-term clinical outcomes in patients with cardiac syndrome X. Heart, 2010, 96, 1227-1232.	2.9	33
113	Circulating mononuclear superoxide production and inflammatory markers for long-term prognosis in patients with cardiac syndrome X. Free Radical Biology and Medicine, 2006, 40, 983-991.	2.9	27
114	Massive pulmonary embolism in a patient with type A aortic dissection. Clinical Cardiology, 2005, 28, 53-53.	1.8	9
115	Effects of fluvastatin, an HMG-CoA reductase inhibitor, on serum levels of interleukin-18 and matrix metalloproteinase-9 in patients with hypercholesterolemia. Clinical Cardiology, 2005, 28, 423-428.	1.8	18
116	A Double Blind Randomized Trial to Compare the Effects of Eprosartan and Enalapril on Blood Pressure, Platelets, and Endothelium Function in Patients With Essential Hypertension. International Heart Journal, 2004, 45, 623-635.	0.6	25
117	Risk Stratification and Prognostic Implication of Plasma Biomarkers in Nondiabetic Patients With Stable Coronary Artery Disease. Chest, 2004, 126, 1032-1039.	0.8	40
118	Fluvastatin reduces oxidative stress, decreases serum monocyte chemotactic protein-1 level and improves endothelial function in patients with hypercholesterolemia. Journal of the Formosan Medical Association, 2004, 103, 914-20.	1.7	9
119	Acute and late clinical outcomes of coronary balloon angioplasty with or without stenting in diabetes—the fact in the "real world". Journal of the Chinese Medical Association, 2003, 66, 699-708.	1.4	0