

Lung-An Hsu

List of Publications by Year in descending order

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100
papers

2,339
citations

257450

24
h-index

265206

42
g-index

100
all docs

100
docs citations

100
times ranked

3466
citing authors

#	ARTICLE	IF	CITATIONS
1	Triglyceride Glucose-Body Mass Index Is a Simple and Clinically Useful Surrogate Marker for Insulin Resistance in Nondiabetic Individuals. <i>PLoS ONE</i> , 2016, 11, e0149731.	2.5	197
2	Highly increased cell proliferation activity in the restenotic hemodialysis vascular access after percutaneous transluminal angioplasty: implication in prevention of restenosis. <i>American Journal of Kidney Diseases</i> , 2004, 43, 74-84.	1.9	183
3	Adriamycin-induced Cardiomyocyte and Endothelial Cell Apoptosis: In Vitro and In Vivo Studies. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, 1595-1607.	1.9	165
4	The Gln→Arg 191 polymorphism of the human paraoxonase gene is not associated with the risk of coronary artery disease among Chinese in Taiwan. <i>Atherosclerosis</i> , 1998, 141, 259-264.	0.8	92
5	Thrombosed arteriovenous fistula for hemodialysis access is characterized by a marked inflammatory activity. <i>Kidney International</i> , 2005, 68, 1312-1319.	5.2	86
6	Genetic variations of apolipoprotein A5 gene is associated with the risk of coronary artery disease among Chinese in Taiwan. <i>Atherosclerosis</i> , 2006, 185, 143-149.	0.8	70
7	Association Between a Novel 11bp Base Pair Deletion Mutation in the Promoter Region of the Scavenger Receptor Class B Type I Gene and Plasma HDL Cholesterol Levels in Taiwanese Chinese. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 1869-1874.	2.4	64
8	Genetic variations in the cholesteryl ester transfer protein gene and high density lipoprotein cholesterol levels in Taiwanese Chinese. <i>Human Genetics</i> , 2002, 110, 57-63.	3.8	56
9	The interactive effects of hepatic lipase gene promoter polymorphisms with sex and obesity on high-density-lipoprotein cholesterol levels in Taiwanese→Chinese. <i>Atherosclerosis</i> , 2004, 172, 135-142.	0.8	52
10	C-reactive protein as an outcome predictor for percutaneous transluminal angioplasty in diabetic patients with peripheral arterial disease and infected foot ulcers. <i>Diabetes Research and Clinical Practice</i> , 2010, 90, 167-172.	2.8	50
11	Association between C-reactive protein gene haplotypes and C-reactive protein levels in Taiwanese: Interaction with obesity. <i>Atherosclerosis</i> , 2009, 204, e64-e69.	0.8	41
12	The PCSK9 gene E670G polymorphism affects low-density lipoprotein cholesterol levels but is not a risk factor for coronary artery disease in ethnic Chinese in Taiwan. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 154-8.	2.3	37
13	Hypersensitivity and Cardiovascular Risks Related to Allopurinol and Febuxostat Therapy in Asians: A Population→Based Cohort Study and Meta→Analysis. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 391-401.	4.7	34
14	The C677T Mutation of the Methylenetetrahydrofolate Reductase Gene Is Not Associated with the Risk of Coronary Artery Disease or Venous Thrombosis among Chinese in Taiwan. <i>Human Heredity</i> , 2001, 51, 41-45.	0.8	32
15	Prognostic value of global left ventricular strain for conservatively treated patients with symptomatic aortic stenosis. <i>Journal of Cardiology</i> , 2013, 62, 301-306.	1.9	31
16	Recoordination Rather than Resynchronization Predicts Reverse Remodeling after Cardiac Resynchronization Therapy. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 611-620.	2.8	29
17	Mediation analysis reveals a sex-dependent association between ABO gene variants and TG/HDL-C ratio that is suppressed by sE-selectin level. <i>Atherosclerosis</i> , 2013, 228, 406-412.	0.8	29
18	Growth Differentiation Factor 15 May Predict Mortality of Peripheral and Coronary Artery Diseases and Correlate with Their Risk Factors. <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	3.0	29

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19	Importance of Hyperhomocysteinemia as a Risk Factor for Venous Thromboembolism in a Taiwanese Population. A Case-Control Study. <i>Thrombosis Research</i> , 2001, 102, 387-395.	1.7	28
20	Apolipoprotein A5 gene \sim 1131T/C polymorphism is associated with the risk of metabolic syndrome in ethnic Chinese in Taiwan. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 1714-9.	2.3	27
21	Association of Blood Group A with Coronary Artery Disease in Young Adults in Taiwan. <i>Internal Medicine</i> , 2012, 51, 1815-1820.	0.7	27
22	Association of CDH13 Genotypes/Haplotypes with Circulating Adiponectin Levels, Metabolic Syndrome, and Related Metabolic Phenotypes: The Role of the Suppression Effect. <i>PLoS ONE</i> , 2015, 10, e0122664.	2.5	27
23	Protective role of heme oxygenase-1 in atrial remodeling. <i>Basic Research in Cardiology</i> , 2016, 111, 58.	5.9	27
24	Thrombin regulates matrix metalloproteinase-9 expression in human monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 241-246.	2.1	26
25	Ratio of transmitral early filling velocity to early diastolic strain rate predicts outcomes in patients with systolic heart failure. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 79-85.	1.2	26
26	Vascular changes at the puncture segments of arteriovenous fistula for hemodialysis access. <i>Journal of Vascular Surgery</i> , 2010, 52, 669-673.	1.1	25
27	The value of Doppler waveform analysis in predicting major lower extremity amputation among dialysis patients treated for diabetic foot ulcers. <i>Diabetes Research and Clinical Practice</i> , 2013, 100, 181-188.	2.8	25
28	Prognostic significance of dilated inferior vena cava in advanced decompensated heart failure. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1289-1295.	1.5	25
29	Pleiotropic Associations of <i>RARRES2</i> Gene Variants and Circulating Chemerin Levels: Potential Roles of Chemerin Involved in the Metabolic and Inflammation-Related Diseases. <i>Mediators of Inflammation</i> , 2018, 2018, 1-13.	3.0	25
30	Association between P478S polymorphism of the filaggrin gene and risk of psoriasis in a Chinese population in Taiwan. <i>Archives of Dermatological Research</i> , 2008, 300, 133-137.	1.9	24
31	Degradation of the Internal Elastic Laminae in Vein Grafts of Rats with Aortocaval Fistulae. <i>American Journal of Pathology</i> , 2009, 174, 1837-1846.	3.8	24
32	Circulating YKL-40 Level, but not CHI3L1 Gene Variants, Is Associated with Atherosclerosis-Related Quantitative Traits and the Risk of Peripheral Artery Disease. <i>International Journal of Molecular Sciences</i> , 2014, 15, 22421-22437.	4.1	24
33	Insulin resistance is associated with C-reactive protein independent of abdominal obesity in nondiabetic Taiwanese. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 824-830.	3.4	23
34	Association of soluble intercellular adhesion molecule-1 with insulin resistance and metabolic syndrome in Taiwanese. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 983-988.	3.4	22
35	Association of ABCG2 rs2231142-A allele and serum uric acid levels in male and obese individuals in a Han Taiwanese population. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 18-23.	1.7	22
36	Aldehyde dehydrogenase 2 protects against abdominal aortic aneurysm formation by reducing reactive oxygen species, vascular inflammation, and apoptosis of vascular smooth muscle cells. <i>FASEB Journal</i> , 2020, 34, 9498-9511.	0.5	22

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37	Functional polymorphisms of FGA, encoding α_2 fibrinogen, are associated with susceptibility to venous thromboembolism in a Taiwanese population. <i>Human Genetics</i> , 2006, 119, 84-91.	3.8	20
38	Association between functional variants of the ICAM1 and CRP genes and metabolic syndrome in Taiwanese subjects. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1710-1716.	3.4	20
39	Effect of obesity on the association between common variations in the HNF1A gene region and C-reactive protein level in Taiwanese. <i>Clinica Chimica Acta</i> , 2011, 412, 725-729.	1.1	19
40	Aldehyde Dehydrogenase 2 Ameliorates Chronic Alcohol Consumption-Induced Atrial Fibrillation through Detoxification of 4-HNE. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6678.	4.1	19
41	Long-Term Survival of Patients with Pulmonary Arterial Hypertension at a Single Center in Taiwan. <i>Acta Cardiologica Sinica</i> , 2017, 33, 498-509.	0.2	19
42	Circulating Chemerin Levels, but not the RARRES2 Polymorphisms, Predict the Long-Term Outcome of Angiographically Confirmed Coronary Artery Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1174.	4.1	17
43	Association of matrix metalloproteinase 9 genotypes and cardiovascular disease risk factors with serum matrix metalloproteinase 9 concentrations in Taiwanese individuals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 543-549.	2.3	16
44	Incremental Value of Inefficient Deformation Indices for Predicting Response to Cardiac Resynchronization Therapy. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 307-315.	2.8	16
45	Interactive effects of C-reactive protein levels on the association between APOE variants and triglyceride levels in a Taiwanese population. <i>Lipids in Health and Disease</i> , 2016, 15, 94.	3.0	16
46	Leptin-to-Adiponectin Ratio is Related to Low Grade Inflammation and Insulin Resistance Independent of Obesity in Non-Diabetic Taiwanese: A Cross-Sectional Cohort Study. <i>Acta Cardiologica Sinica</i> , 2014, 30, 204-14.	0.2	16
47	Propylthiouracil, independent of its antithyroid effect, promotes vascular smooth muscle cells differentiation via PTEN induction. <i>Basic Research in Cardiology</i> , 2010, 105, 19-28.	5.9	15
48	A GDF15 3' UTR variant, rs1054564, results in allele-specific translational repression of GDF15 by hsa-miR-1233-3p. <i>PLoS ONE</i> , 2017, 12, e0183187.	2.5	15
49	Acute Myeloid Leukemia Associated with Acute Myocardial Infarction and Dural Sinus Thrombosis: The Possible Role of Leukemia-related Hyperhomocysteinemia. <i>Journal of the Chinese Medical Association</i> , 2008, 71, 416-420.	1.4	14
50	Genetic variants associated with circulating MMP1 levels near matrix metalloproteinase genes on chromosome 11q21-22 in Taiwanese: interaction with obesity. <i>BMC Medical Genetics</i> , 2013, 14, 30.	2.1	14
51	IL1RL1 single nucleotide polymorphism predicts sST2 level and mortality in coronary and peripheral artery disease. <i>Atherosclerosis</i> , 2017, 257, 71-77.	0.8	14
52	Osteoprotegerin and osteopontin levels, but not gene polymorphisms, predict mortality in cardiovascular diseases. <i>Biomarkers in Medicine</i> , 2019, 13, 751-760.	1.4	14
53	Refinement on Single-beat Determination of Left Ventricular Systolic Function in Patients with Atrial Fibrillation. <i>Journal of the American Society of Echocardiography</i> , 2005, 18, 913-918.	2.8	13
54	Genetic variation in the ASIC3 gene influences blood pressure levels in Taiwanese. <i>Journal of Hypertension</i> , 2008, 26, 2154-2160.	0.5	13

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55	Combined Global Longitudinal Strain and Intraventricular Mechanical Dyssynchrony Predicts Long-Term Outcome in Patients With Systolic Heart Failure. <i>Circulation Journal</i> , 2016, 80, 177-185.	1.6	13
56	Pleiotropic Effects of Common and Rare GCKR Exonic Mutations on Cardiometabolic Traits. <i>Genes</i> , 2022, 13, 491.	2.4	13
57	Differential Endothelial Gap Junction Expression in Venous Vessels Exposed to Different Hemodynamics. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 1083-1092.	2.5	12
58	Effect of obesity on the association between ATF3 gene haplotypes and C-reactive protein level in Taiwanese. <i>Clinica Chimica Acta</i> , 2011, 412, 1026-1031.	1.1	12
59	Whole-Exome Sequencing to Identify a Novel LMNA Gene Mutation Associated with Inherited Cardiac Conduction Disease. <i>PLoS ONE</i> , 2013, 8, e83322.	2.5	12
60	Biplane assessment of left ventricular function during atrial fibrillation at beats with equal subsequent cycles. <i>International Journal of Cardiology</i> , 2006, 113, 54-60.	1.7	11
61	Brugada-like electrocardiographic pattern and ventricular fibrillation in a patient with primary hyperparathyroidism. <i>Europace</i> , 2007, 9, 172-174.	1.7	11
62	LIPC variants as genetic determinants of adiposity status, visceral adiposity indicators, and triglyceride-glucose (TyG) index-related parameters mediated by serum triglyceride levels. <i>Diabetology and Metabolic Syndrome</i> , 2018, 10, 79.	2.7	11
63	Percutaneous transvenous mitral valvulotomy normalizes elevated circulating levels of tumor necrosis factor- α and interleukin-6 in mitral stenosis with heart failure. <i>American Journal of Cardiology</i> , 2003, 91, 1018-1020.	1.6	10
64	Simultaneous biplane single-beat assessment of left ventricular systolic function in patients with atrial fibrillation. <i>American Journal of Cardiology</i> , 2004, 94, 942-944.	1.6	10
65	Single-Beat Determination of Right Ventricular Function in Patients with Atrial Fibrillation. <i>Echocardiography</i> , 2010, 27, 1188-1193.	0.9	10
66	Treatment for Diabetic Foot Ulcers Complicated by Major Cardiac Events. <i>Canadian Journal of Diabetes</i> , 2015, 39, 183-187.	0.8	10
67	Late Migration of a Sideris Septal Occluder Device for Closure of Atrial Septal Defect into the Left Atrium With Mitral Valve Obstruction. <i>American Journal of Cardiology</i> , 2007, 99, 1479-1480.	1.6	9
68	Association between an ASIC3 gene variant and insulin resistance in Taiwanese. <i>Clinica Chimica Acta</i> , 2010, 411, 1132-1136.	1.1	9
69	Association of SELE genotypes/haplotypes with sE-selectin levels in Taiwanese individuals: interactive effect of MMP9 level. <i>BMC Medical Genetics</i> , 2012, 13, 115.	2.1	9
70	Associations between TRPV4 genotypes and body mass index in Taiwanese subjects. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1357-1365.	2.1	9
71	<i>CRP</i> and <i>SAA1</i> Haplotypes Are Associated with Both C-Reactive Protein and Serum Amyloid A Levels: Role of Suppression Effects. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	9
72	Circulating chemerin levels are determined through circulating platelet counts in nondiabetic Taiwanese people: A bidirectional Mendelian randomization study. <i>Atherosclerosis</i> , 2021, 320, 61-69.	0.8	9

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73	Microsatellite Polymorphism in the Heme Oxygenase-1 Gene Promoter and the Risk of Atrial Fibrillation in Taiwanese. <i>PLoS ONE</i> , 2014, 9, e108773.	2.5	8
74	Left bundle-branch block contraction patterns identified from radial-strain analysis predicts outcomes following cardiac resynchronization therapy. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 869-877.	1.5	8
75	Circulating chemerin level is associated with metabolic, biochemical and haematological parameters—A population-based study. <i>Clinical Endocrinology</i> , 2021, 94, 927-939.	2.4	8
76	Lack of association between the genetic variations in the C-reactive protein gene and the risk of psoriasis among the Taiwanese. <i>Molecular Biology Reports</i> , 2012, 39, 4111-4117.	2.3	7
77	Incremental value of radial discoordination index for the prediction of response to cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 213-222.	1.2	7
78	Acute gouty arthritis complicated with acute ST elevation myocardial infarction is independently associated with short- and long-term adverse non-fatal cardiac events. <i>Clinical Rheumatology</i> , 2014, 33, 91-98.	2.2	7
79	Modification effect of sex and obesity on the correlation of <i>LEP</i> polymorphisms with leptin levels in Taiwanese obese women. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1113.	1.2	7
80	Differential Genetic and Epigenetic Effects of the <i>KLF14</i> Gene on Body Shape Indices and Metabolic Traits. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4165.	4.1	7
81	Feasibility of Simplifying Balloon Mitral Valvuloplasty by Obviating Left-Sided Cardiac Catheterization Using On-line Guidance With Transesophageal Echocardiography. <i>Chest</i> , 2003, 123, 1957-1963.	0.8	6
82	Meta-Analysis of Association Between Insertion/Deletion Polymorphism of the Angiotensin I-Converting Enzyme Gene and Venous Thromboembolism. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2011, 17, 51-57.	1.7	6
83	<i>MMP9</i> Rs3918242 Polymorphism Affects Tachycardia-Induced <i>MMP9</i> Expression in Cultured Atrial-Derived Myocytes but Is Not a Risk Factor for Atrial Fibrillation among the Taiwanese. <i>International Journal of Molecular Sciences</i> , 2016, 17, 521.	4.1	6
84	A lack of association between genetic polymorphisms in beta-defensins and susceptibility of psoriasis in Taiwanese: A case-control study. <i>Dermatologica Sinica</i> , 2016, 34, 78-82.	0.5	6
85	Association between <i>NF-κB</i> Pathway Gene Variants and <i>sICAM1</i> Levels in Taiwanese. <i>PLoS ONE</i> , 2017, 12, e0169516.	2.5	6
86	Differential Associations between <i>CDH13</i> Genotypes, Adiponectin Levels, and Circulating Levels of Cellular Adhesive Molecules. <i>Mediators of Inflammation</i> , 2015, 2015, 1-8.	3.0	5
87	The (CCTTT) _n pentanucleotide repeat polymorphism in the inducible nitric oxide synthase gene promoter and the risk of psoriasis in Taiwanese. <i>Archives of Dermatological Research</i> , 2015, 307, 425-432.	1.9	5
88	Pleiotropic Effects of Functional <i>MUC1</i> Variants on Cardiometabolic, Renal, and Hematological Traits in the Taiwanese Population. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10641.	4.1	5
89	C-Reactive Protein Gene Polymorphisms and the Risk of Atrial Fibrillation in a Chinese Population in Taiwan. <i>Acta Cardiologica Sinica</i> , 2013, 29, 208-16.	0.2	5
90	CAG Repeat Polymorphism of the <i>MEF2A</i> Gene is not Associated With the Risk of Coronary Artery Disease Among Taiwanese. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2010, 16, 301-305.	1.7	4

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91	Microsatellite polymorphism in the heme oxygenase-1 gene promoter and the risk of psoriasis in Taiwanese. <i>Archives of Dermatological Research</i> , 2012, 304, 739-744.	1.9	4
92	Pleiotropic association of LPC variants with lipid and urinary 8-hydroxy deoxyguanosine levels in a Taiwanese population. <i>Lipids in Health and Disease</i> , 2019, 18, 111.	3.0	4
93	A Novel DES L115F Mutation Identified by Whole Exome Sequencing is Associated with Inherited Cardiac Conduction Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6227.	4.1	4
94	Association evidence of CCTTT repeat polymorphism in the iNOS promoter and the risk of atrial fibrillation in Taiwanese. <i>Scientific Reports</i> , 2017, 7, 42388.	3.3	3
95	Cardiac Catheterization Complicated by Iliacus Abscess: A Rare Complication of Transfemoral Approach. <i>Angiology</i> , 2005, 56, 623-625.	1.8	2
96	Genome-wide association study revealed novel candidate gene loci associated with soluble E-selectin levels in a Taiwanese population. <i>Atherosclerosis</i> , 2021, 337, 18-26.	0.8	2
97	Combined effect of acid-sensing ion channel 3 and transient receptor potential vanilloid 1 gene polymorphisms on blood pressure variations in Taiwanese. <i>Tzu Chi Medical Journal</i> , 2018, 30, 29.	1.1	1
98	Synergistic Effects of Weighted Genetic Risk Scores and Resistin and sST2 Levels on the Prognostication of Long-Term Outcomes in Patients with Coronary Artery Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4292.	4.1	1
99	Effects of obesity on the association between common variations in the TBX5 gene and matrix metalloproteinase 9 levels in Taiwanese. <i>Tzu Chi Medical Journal</i> , 2016, 28, 9-14.	1.1	0
100	Comparison between Exclusive and Selective Drug-Eluting Stent Strategies in Treating Patients with Multivessel Coronary Artery Disease. <i>Acta Cardiologica Sinica</i> , 2014, 30, 181-9.	0.2	0