

Lei Song

List of Publications by Year in descending order

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105
papers

1,993
citations

279798

23
h-index

315739

38
g-index

110
all docs

110
docs citations

110
times ranked

2866
citing authors

#	ARTICLE	IF	CITATIONS
1	Deleterious Rare Desmosomal Variants Contribute to Hypertrophic Cardiomyopathy and Are Associated With Distinctive Clinical Features. <i>Canadian Journal of Cardiology</i> , 2022, 38, 41-48.	1.7	6
2	Patterns of Replacement Fibrosis in Hypertrophic Cardiomyopathy. <i>Radiology</i> , 2022, 302, 298-306.	7.3	25
3	Identification of heart failure with preserved ejection fraction helps risk stratification for hypertrophic cardiomyopathy. <i>BMC Medicine</i> , 2022, 20, 21.	5.5	5
4	Effect of Cis-Compound Variants in MYH7 on Hypertrophic Cardiomyopathy With a Mild Phenotype. <i>American Journal of Cardiology</i> , 2022, 167, 104-110.	1.6	3
5	Heart-specific DNA methylation analysis in plasma for the investigation of myocardial damage. <i>Journal of Translational Medicine</i> , 2022, 20, 36.	4.4	7
6	Post-PCI outcomes predicted by pre-intervention simulation of residual quantitative flow ratio using augmented reality. <i>International Journal of Cardiology</i> , 2022, 352, 33-39.	1.7	15
7	Implications of structural right ventricular involvement in patients with hypertrophic cardiomyopathy. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2022, 9, 34-41.	4.0	3
8	Outcomes of quantitative flow ratio-based percutaneous coronary intervention in an all-comers study. <i>EuroIntervention</i> , 2022, 17, 1240-1251.	3.2	10
9	Effects of diabetes mellitus on post-intervention coronary physiological assessment derived by quantitative flow ratio in patients with coronary artery disease underwent percutaneous coronary intervention. <i>Diabetes Research and Clinical Practice</i> , 2022, 186, 109839.	2.8	10
10	Metabolic characterization of hypertrophic cardiomyopathy in human heart. , 2022, 1, 445-461.		8
11	¹⁸ F-FDG PET/CT plays a unique role in the management of Takayasu arteritis patients with atypical manifestations. <i>Clinical Rheumatology</i> , 2021, 40, 625-633.	2.2	5
12	Clinical characteristics and outcomes of chronic heart failure in adult Takayasu arteritis: A cohort study of 163 patients. <i>International Journal of Cardiology</i> , 2021, 325, 103-108.	1.7	4
13	Association of <i>NPC1L1</i> and <i>HMGCR</i> Gene Polymorphisms with Major Adverse Cardiac and Cerebrovascular Events in Patients with Three-Vessel Disease. <i>Human Gene Therapy</i> , 2021, 32, 581-588.	2.7	5
14	Deep learning algorithm to improve hypertrophic cardiomyopathy mutation prediction using cardiac cine images. <i>European Radiology</i> , 2021, 31, 3931-3940.	4.5	24
15	Body mass index and mortality in patients with severe coronary artery diseases: A cohort study from China. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 448-454.	2.6	7
16	Real-world outcomes of different treatment strategies in patients with diabetes and three-vessel coronary disease: a mean follow-up 6.3 years study from China. <i>Cardiovascular Diabetology</i> , 2021, 20, 16.	6.8	7
17	Association of Acute Procedural Results With Long-Term Outcomes After CTO PCI. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 278-288.	2.9	22
18	Superselective adrenal arterial embolization for idiopathic hyperaldosteronism: 12-month results from a proof-of-principle trial. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 976-981.	1.7	8

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19	Angiographic characteristics and long-term outcomes of single-vessel chronic total occlusion percutaneous coronary intervention in patients with and without previous myocardial infarction. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1089-1096.	1.7	0
20	Variant Spectrum of Formin Homology 2 Domain-Containing 3 Gene in Chinese Patients With Hypertrophic Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2021, 10, e018236.	3.7	10
21	Association of symptom status, myocardial viability, and clinical/anatomic risk on long-term outcomes after chronic total occlusion percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 996-1008.	1.7	3
22	Thinner Strut Sirolimus-Eluting BRS Versus EES in Patients With Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1450-1462.	2.9	10
23	Integrated transcriptomics and epigenomics reveal chamber-specific and species-specific characteristics of human and mouse hearts. <i>PLoS Biology</i> , 2021, 19, e3001229.	5.6	5
24	Clinical predictors of the presence of obstructive sleep apnea in patients with hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2021, 11, 13528.	3.3	2
25	Implications of Periprocedural Myocardial Biomarker Elevations and Commonly Used MI Definitions After Left Main PCI. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1623-1634.	2.9	27
26	A Chinese pedigree with glucocorticoid remediable aldosteronism. <i>Hypertension Research</i> , 2021, 44, 1428-1433.	2.7	3
27	Prevalence and Risk Factors for Hypertension in Adolescents Aged 12 to 17 Years: A School-Based Study in China. <i>Hypertension</i> , 2021, 78, 1577-1585.	2.7	10
28	Impact of Periprocedural Myocardial Injury and Infarction Definitions on Long-Term Mortality After Chronic Total Occlusion Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010923.	3.9	3
29	Truncating Variants in <i>OBSCN</i> Gene Associated With Disease-Onset and Outcomes of Hypertrophic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003401.	3.6	5
30	N-terminal pro-brain natriuretic peptide and sudden cardiac death in hypertrophic cardiomyopathy. <i>Heart</i> , 2021, 107, 1576-1583.	2.9	19
31	Angiographic quantitative flow ratio-guided coronary intervention (FAVOR III China): a multicentre, randomised, sham-controlled trial. <i>Lancet, The</i> , 2021, 398, 2149-2159.	13.7	175
32	Effect of NPC1L1 and HMCCR Genetic Variants With Premature Triple-Vessel Coronary Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 704501.	2.4	5
33	Effect of Coronary Calcification Severity on Measurements and Diagnostic Performance of CT-FFR With Computational Fluid Dynamics: Results From CT-FFR CHINA Trial. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 810625.	2.4	3
34	Hypertension and Brachydactyly Syndrome Associated With Vertebral Artery Malformation Caused by a <i>PDE3A</i> Missense Mutation. <i>American Journal of Hypertension</i> , 2020, 33, 190-197.	2.0	7
35	Long-term blood pressure outcomes of patients with adrenal venous sampling-proven unilateral primary aldosteronism. <i>Journal of Human Hypertension</i> , 2020, 34, 440-447.	2.2	6
36	Quantification of left atrial function in patients with non-obstructive hypertrophic cardiomyopathy by cardiovascular magnetic resonance feature tracking imaging: a feasibility and reproducibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 1.	3.3	86

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37	Impact of Lipoprotein(a) on Long-Term (Mean 6.2 Years) Outcomes in Patients With Three-Vessel Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2020, 125, 528-533.	1.6	8
38	Surgical Treatment in Patients With Aortic Regurgitation Due to Takayasu Arteritis. <i>Annals of Thoracic Surgery</i> , 2020, 110, 165-171.	1.3	9
39	MRI T1 Mapping in Hypertrophic Cardiomyopathy: Evaluation in Patients Without Late Gadolinium Enhancement and Hemodynamic Obstruction. <i>Radiology</i> , 2020, 294, 275-286.	7.3	67
40	East Asian-Specific Common Variant in <i>TNNI3</i> Predisposes to Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2020, 142, 2086-2089.	1.6	11
41	Clinical Scenario and Long-term Outcome of Childhood Takayasu Arteritis Undergoing 121 Endovascular Interventions: The Largest Cohort over a 15-year Period. <i>Arthritis Care and Research</i> , 2020, 73, 1678-1688.	3.4	6
42	Premature Stroke Secondary to Severe Hypertension Results from Liddle Syndrome Caused by a Novel <i>SCNN1B</i> Mutation. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 603-611.	2.0	7
43	Apparent mineralocorticoid excess caused by novel compound heterozygous mutations in <i>HSD11B2</i> and characterized by early-onset hypertension and hypokalemia. <i>Endocrine</i> , 2020, 70, 607-615.	2.3	15
44	MRI Characteristics, Prevalence, and Outcomes of Hypertrophic Cardiomyopathy with Restrictive Phenotype. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190158.	2.5	6
45	Platelet microRNA-15b protects against high platelet reactivity in patients undergoing percutaneous coronary intervention through Bcl-2-mediated platelet apoptosis. <i>Annals of Translational Medicine</i> , 2020, 8, 364-364.	1.7	6
46	Strengthening effects of bone marrow mononuclear cells with intensive atorvastatin in acute myocardial infarction. <i>Open Heart</i> , 2020, 7, e001139.	2.3	9
47	Value of a Machine Learning Approach for Predicting Clinical Outcomes in Young Patients With Hypertension. <i>Hypertension</i> , 2020, 75, 1271-1278.	2.7	35
48	Pediatric Liddle Syndrome Caused by a Novel <i>SCNN1G</i> Variant in a Chinese Family and Characterized by Early-Onset Hypertension. <i>American Journal of Hypertension</i> , 2020, 33, 670-675.	2.0	14
49	Improvement in sudden cardiac death risk prediction by the enhanced American College of Cardiology/American Heart Association strategy in Chinese patients with hypertrophic cardiomyopathy. <i>Heart Rhythm</i> , 2020, 17, 1658-1663.	0.7	14
50	Precision cardiovascular medicine in China. <i>Journal of Geriatric Cardiology</i> , 2020, 17, 638-641.	0.2	1
51	Truncated Epithelial Sodium Channel β^2 Subunit Responsible for Liddle Syndrome in a Chinese Family. <i>Kidney and Blood Pressure Research</i> , 2019, 44, 942-949.	2.0	4
52	Clinical Course, Management, and Outcomes of Pediatric Takayasu Arteritis Initially Presenting With Hypertension: A 16-year overview. <i>American Journal of Hypertension</i> , 2019, 32, 1021-1029.	2.0	9
53	Steroid metabolism gene variants and their genotype-phenotype correlations in Chinese early-onset hypertension patients. <i>Hypertension Research</i> , 2019, 42, 1536-1543.	2.7	2
54	Clinical course and prognostic factors of childhood Takayasu's arteritis: over 15-year comprehensive analysis of 101 patients. <i>Arthritis Research and Therapy</i> , 2019, 21, 31.	3.5	38

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55	Implications of N-terminal pro-B-type natriuretic peptide in patients with three-vessel disease. <i>European Heart Journal</i> , 2019, 40, 3397-3405.	2.2	39
56	Prognostic Value of Plasma Big Endothelin-1 Level among Patients with Three-Vessel Disease: A Cohort Study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019, 26, 959-969.	2.0	9
57	Titin truncating variants are associated with heart failure events in patients with left ventricular non-compaction cardiomyopathy. <i>Clinical Cardiology</i> , 2019, 42, 530-535.	1.8	11
58	A Novel Frameshift Mutation of SCNN1G Causing Liddle Syndrome with Normokalemia. <i>American Journal of Hypertension</i> , 2019, 32, 752-758.	2.0	5
59	Predictive value of in-hospital white blood cell count in Chinese patients with triple-vessel coronary disease. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 872-882.	1.8	31
60	The era of clinical application of gene diagnosis in cardiovascular diseases is coming. <i>Chronic Diseases and Translational Medicine</i> , 2019, 5, 214-220.	1.2	2
61	mTOR pathway in human cardiac hypertrophy caused by LEOPARD syndrome: a different role compared with animal models?. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 252.	2.7	3
62	Novel Biomarkers for the Precise Diagnosis and Activity Classification of Takayasu Arteritis. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002080.	3.6	13
63	Implications of Hyperuricemia in Severe Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2019, 123, 558-564.	1.6	14
64	Tuberculosis in Takayasu arteritis: a retrospective study in 1105 Chinese patients. <i>Journal of Geriatric Cardiology</i> , 2019, 16, 648-655.	0.2	8
65	Anemia in patients with Takayasu arteritis: prevalence, clinical features, and treatment. <i>Journal of Geriatric Cardiology</i> , 2019, 16, 689-694.	0.2	2
66	Prognostic Values of Serum Chloride and Sodium Levels in Patients with Three-vessel Disease. <i>Biomedical and Environmental Sciences</i> , 2019, 32, 250-259.	0.2	2
67	A New Risk Factor Profile for Contrast-Induced Acute Kidney Injury in Patients Who Underwent an Emergency Percutaneous Coronary Intervention. <i>Angiology</i> , 2018, 69, 523-531.	1.8	12
68	The presentation and management of hypertension in a large cohort of Takayasu arteritis. <i>Clinical Rheumatology</i> , 2018, 37, 2781-2788.	2.2	22
69	Prevalence and risk factors associated with hypertension in the Chinese Qiang population. <i>Clinical and Experimental Hypertension</i> , 2018, 40, 427-433.	1.3	6
70	Validation of Predictive Value of Patterns of Nonadherence to Antiplatelet Regimen in Stented Patients Thrombotic Risk Score in Chinese Population Undergoing Percutaneous Coronary Intervention. <i>Chinese Medical Journal</i> , 2018, 131, 2699-2704.	2.3	8
71	Evaluation of the Patterns of Non-Adherence to Anti-Platelet Regimens in Stented Patients Bleeding Score for Predicting the Long-term Out-of-hospital Bleeding Risk in Chinese Patients after Percutaneous Coronary Intervention. <i>Chinese Medical Journal</i> , 2018, 131, 1406-1411.	2.3	4
72	Mutation profile of <i>FLNC</i> gene and its prognostic relevance in patients with hypertrophic cardiomyopathy. <i>Molecular Genetics & Genomic Medicine</i> , 2018, 6, 1104-1113.	1.2	34

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73	Evaluation of CRUSADE and ACUITY-HORIZONS Scores for Predicting Long-term Out-of-Hospital Bleeding after Percutaneous Coronary Interventions. <i>Chinese Medical Journal</i> , 2018, 131, 262-267.	2.3	3
74	Cardiac Valve Involvement in Takayasu Arteritis Is Common: A Retrospective Study of 1,069 Patients Over 25 Years. <i>American Journal of the Medical Sciences</i> , 2018, 356, 357-364.	1.1	24
75	Liddle syndrome misdiagnosed as primary aldosteronism resulting from a novel frameshift mutation of SCNN1B. <i>Endocrine Connections</i> , 2018, 7, 1528-1534.	1.9	9
76	Prognostic Value of NT-proBNP in Stable Coronary Artery Disease in Chinese Patients after Percutaneous Coronary Intervention in the Drug-eluting Stent Era. <i>Biomedical and Environmental Sciences</i> , 2018, 31, 859-866.	0.2	5
77	Familial hypertrophic cardiomyopathy caused by a de novo Gly716Arg mutation of the β -myosin heavy chain. <i>Cardiology in the Young</i> , 2017, 27, 467-472.	0.8	4
78	Subclavian artery stenting for coronary-subclavian steal syndrome. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, 601-608.	1.7	7
79	Prognostic Significance of Plasma High-Sensitivity C-Reactive Protein in Patients With Hypertrophic Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	31
80	Myocardial extracellular volume fraction quantified by cardiovascular magnetic resonance is increased in hypertension and associated with left ventricular remodeling. <i>European Radiology</i> , 2017, 27, 4620-4630.	4.5	26
81	Titin-Truncating Variants Increase the Risk of Cardiovascular Death in Patients With Hypertrophic Cardiomyopathy. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1292-1297.	1.7	18
82	Plasma level of big endothelin-1 predicts the prognosis in patients with hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , 2017, 243, 283-289.	1.7	25
83	A Novel Method of Adrenal Venous Sampling via an Antecubital Approach. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 388-393.	2.0	12
84	Single Nucleotide Polymorphism rs10919543 in FCGR2A/FCGR3A Region Confers Susceptibility to Takayasu Arteritis in Chinese Population. <i>Chinese Medical Journal</i> , 2016, 129, 854-859.	2.3	6
85	Head to Head Comparison of Two Point-of-care Platelet Function Tests Used for Assessment of On-clopidogrel Platelet Reactivity in Chinese Acute Myocardial Infarction Patients Undergoing Percutaneous Coronary Intervention. <i>Chinese Medical Journal</i> , 2016, 129, 2269-2274.	2.3	12
86	Effect of spironolactone on patients with resistant hypertension and obstructive sleep apnea. <i>Clinical and Experimental Hypertension</i> , 2016, 38, 464-468.	1.3	64
87	The interval between carotid artery stenting and open heart surgery is related to perioperative complications. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 564-569.	1.7	2
88	Association of PEAR1 genetic variants with platelet reactivity in response to dual antiplatelet therapy with aspirin and clopidogrel in the Chinese patient population after percutaneous coronary intervention. <i>Thrombosis Research</i> , 2016, 141, 28-34.	1.7	26
89	Selective stent placement versus balloon angioplasty for renovascular hypertension caused by Takayasu arteritis: Two-year results. <i>International Journal of Cardiology</i> , 2016, 205, 117-123.	1.7	35
90	Lack of association between polymorphisms in interleukin (IL)-12, IL-12R, IL-23, IL-23R genes and Takayasu arteritis in a Chinese population. <i>Inflammation Research</i> , 2016, 65, 543-550.	4.0	5

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91	Simultaneous Bilateral vs Unilateral Carotid Artery Stenting. <i>Journal of Endovascular Therapy</i> , 2016, 23, 258-266.	1.5	9
92	Predictors of Outcome After Alcohol Septal Ablation for Hypertrophic Obstructive Cardiomyopathy. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e002675.	3.9	21
93	Effect of platelet receptor gene polymorphisms on outcomes in ST-elevation myocardial infarction patients after percutaneous coronary intervention. <i>Platelets</i> , 2016, 27, 75-79.	2.3	17
94	Prevalence of Liddle Syndrome Among Young Hypertension Patients of Undetermined Cause in a Chinese Population. <i>Journal of Clinical Hypertension</i> , 2015, 17, 902-907.	2.0	46
95	Plasma Uric Acid as a Prognostic Marker in Patients With Hypertrophic Cardiomyopathy. <i>Canadian Journal of Cardiology</i> , 2015, 31, 1252-1258.	1.7	16
96	Female Sex Is Associated with Worse Prognosis in Patients with Hypertrophic Cardiomyopathy in China. <i>PLoS ONE</i> , 2014, 9, e102969.	2.5	48
97	Malignant effects of multiple rare variants in sarcomere genes on the prognosis of patients with hypertrophic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2014, 16, 950-957.	7.1	53
98	Rare Variants in Genes Encoding MuRF1 and MuRF2 Are Modifiers of Hypertrophic Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2014, 15, 9302-9313.	4.1	39
99	Clinical Manifestations and Longterm Outcome for Patients with Takayasu Arteritis in China. <i>Journal of Rheumatology</i> , 2014, 41, 2439-2446.	2.0	83
100	Percutaneous Transluminal Angioplasty for Symptomatic Pulmonary Stenosis in Takayasu Arteritis. <i>Journal of Rheumatology</i> , 2014, 41, 1856-1862.	2.0	22
101	Relationship Between ABCB1 Polymorphisms, Thromboelastography and Risk of Bleeding Events in Clopidogrel-Treated Patients With ST-Elevation Myocardial Infarction. <i>Thrombosis Research</i> , 2014, 134, 970-975.	1.7	25
102	Mir-451 is decreased in hypertrophic cardiomyopathy and regulates autophagy by targeting TSC1. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 2266-2274.	3.6	112
103	One-year outcomes of percutaneous renal denervation for the treatment of resistant hypertension: the first Chinese experience. <i>Chinese Medical Journal</i> , 2014, 127, 1003-7.	2.3	1
104	Atorvastatin Enhance Efficacy of Mesenchymal Stem Cells Treatment for Swine Myocardial Infarction via Activation of Nitric Oxide Synthase. <i>PLoS ONE</i> , 2013, 8, e65702.	2.5	72
105	Mutations profile in Chinese patients with hypertrophic cardiomyopathy. <i>Clinica Chimica Acta</i> , 2005, 351, 209-216.	1.1	62