

# Zhe Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

1,464  
citations

430442

18  
h-index

360668

35  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perioperative Rosuvastatin in Cardiac Surgery. <i>New England Journal of Medicine</i> , 2016, 374, 1744-1753.	13.9	250
2	Aspirin Plus Clopidogrel Therapy Increases Early Venous Graft Patency After Coronary Artery Bypass Surgery. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1639-1643.	1.2	153
3	Single-cell analysis of SARS-CoV-2 receptor ACE2 and spike protein priming expression of proteases in the human heart. <i>Cardiovascular Research</i> , 2020, 116, 1733-1741.	1.8	76
4	Feasibility of using deep learning to detect coronary artery disease based on facial photo. <i>European Heart Journal</i> , 2020, 41, 4400-4411.	1.0	67
5	Efficacy of Long-Term $\beta$ -Blocker Therapy for Secondary Prevention of Long-Term Outcomes After Coronary Artery Bypass Grafting Surgery. <i>Circulation</i> , 2015, 131, 2194-2201.	1.6	64
6	Remote Ischemic Preconditioning Reduces Cardiac Troponin I Release in Cardiac Surgery: A Meta-Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 682-689.	0.6	54
7	Plasma Levels of MicroRNA-499 Provide an Early Indication of Perioperative Myocardial Infarction in Coronary Artery Bypass Graft Patients. <i>PLoS ONE</i> , 2014, 9, e104618.	1.1	53
8	Cardiac endothelial cell-derived exosomes induce specific regulatory B cells. <i>Scientific Reports</i> , 2014, 4, 7583.	1.6	49
9	The Chinese Coronary Artery Bypass Grafting Registry Study: how well does the EuroSCORE predict operative risk for Chinese population? <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 54-58.	0.6	44
10	National trend in congenital heart disease mortality in China during 2003 to 2010: A population-based study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 596-602.e1.	0.4	44
11	Coronary Artery Bypass Graft Surgery and Percutaneous Coronary Interventions in Patients With Unprotected Left Main Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1102-1111.	1.1	42
12	The Chinese Cardiac Surgery Registry: Design and Data Audit. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1514-1520.	0.7	42
13	Influence of Diabetes Mellitus on Long-Term Clinical and Economic Outcomes After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2014, 97, 2073-2079.	0.7	34
14	Smartphone-based application to improve medication adherence in patients after surgical coronary revascularization. <i>American Heart Journal</i> , 2020, 228, 17-26.	1.2	30
15	One-stop hybrid coronary revascularization versus off-pump coronary artery bypass in patients with diabetes mellitus. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1695-1701.e1.	0.4	26
16	Comparing Outcomes of Coronary Artery Bypass Grafting Among Large Teaching and Urban Hospitals in China and the United States. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017, 10, .	0.9	26
17	SinoSCORE: a logistically derived additive prediction model for post-coronary artery bypass grafting in-hospital mortality in a Chinese population. <i>Frontiers of Medicine</i> , 2013, 7, 477-485.	1.5	25
18	Epicardial transplantation of atrial appendage micrograft patch salvages myocardium after infarction. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 707-718.	0.3	20

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19	Comparison of Two Tranexamic Acid Dose Regimens in Patients Undergoing Cardiac Valve Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 1233-1237.	0.6	19
20	Systemic redistribution of the intramyocardially injected mesenchymal stem cells by repeated remote ischaemic post-conditioning. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 417-428.	1.6	19
21	The Impact of Body Mass Index on Short- and Long-Term Outcomes in Patients Undergoing Coronary Artery Graft Bypass. <i>PLoS ONE</i> , 2014, 9, e95223.	1.1	18
22	An In-hospital Mortality Risk Model for Patients Undergoing Coronary Artery Bypass Grafting in China. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1234-1242.	0.7	16
23	Antiplatelet effects of ticagrelor versus clopidogrel after coronary artery bypass graft surgery: A single-center randomized controlled trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 430-437.e4.	0.4	15
24	Interleukin-6 Receptor rs7529229 T/C Polymorphism Is Associated with Left Main Coronary Artery Disease Phenotype in a Chinese Population. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5623-5633.	1.8	14
25	Results of Left Ventricular Reconstruction With and Without Mitral Valve Surgery. <i>Annals of Thoracic Surgery</i> , 2020, 109, 753-761.	0.7	14
26	A novel nomogram to predict perioperative acute kidney injury following isolated coronary artery bypass grafting surgery with impaired left ventricular ejection fraction. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 517.	0.7	14
27	New Internet-Based Warfarin Anticoagulation Management Approach After Mechanical Heart Valve Replacement: Prospective, Multicenter, Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e29529.	2.1	13
28	What We have Learned about Minimized Extracorporeal Circulation versus Conventional Extracorporeal Circulation: An Updated Meta-Analysis. <i>International Journal of Artificial Organs</i> , 2015, 38, 444-453.	0.7	12
29	Revascularization for Coronary Artery Disease: Principle and Challenges. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1177, 75-100.	0.8	10
30	Midterm results of coronary artery bypass graft surgery after synchronous or staged carotid revascularization. <i>Journal of Vascular Surgery</i> , 2019, 70, 1942-1949.	0.6	9
31	Assessing the association of appropriateness of coronary revascularization and 1-year clinical outcomes for patients with stable coronary artery disease in China. <i>Chinese Medical Journal</i> , 2020, 133, 1-8.	0.9	9
32	Preoperative clopidogrel and outcomes in patients with acute coronary syndrome undergoing coronary artery bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1044-1052.e15.	0.4	9
33	Dual Antiplatelet Therapy with Clopidogrel and Aspirin Versus Aspirin Monotherapy in Patients Undergoing Coronary Artery Bypass Graft Surgery. <i>Journal of the American Heart Association</i> , 2021, 10, e020413.	1.6	9
34	A Polymorphism in Hepatocyte Nuclear Factor 1 Alpha, rs7310409, Is Associated with Left Main Coronary Artery Disease. <i>Biochemistry Research International</i> , 2014, 2014, 1-7.	1.5	8
35	CC Motif Chemokine Receptor 9 Exacerbates Pressure Overload-Induced Cardiac Hypertrophy and Dysfunction. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	8
36	A Variant in COX-2 Gene Is Associated with Left Main Coronary Artery Disease and Clinical Outcomes of Coronary Artery Bypass Grafting. <i>BioMed Research International</i> , 2017, 2017, 1-6.	0.9	8

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37	Glycemic control and risk factors for in-hospital mortality and vascular complications after coronary artery bypass grafting in patients with and without preexisting diabetes. <i>Journal of Diabetes</i> , 2021, 13, 232-242.	0.8	8
38	Simultaneous hybrid maze procedure for long-standing persistent atrial fibrillation with dilated atrium. <i>JTCVS Techniques</i> , 2021, 5, 34-42.	0.2	8
39	Trends of Coronary Artery Bypass Grafting Performance in a Cohort of Hospitals in China Between 2013 and 2018. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007025.	0.9	8
40	Coronary Artery Bypass Grafting and Percutaneous Coronary Intervention in Patients With Chronic Total Occlusion and Multivessel Disease. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, e011312.	1.4	8
41	Common Variant in Glycoprotein Ia Increases Long-Term Adverse Events Risk After Coronary Artery Bypass Graft Surgery. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	7
42	The Effects of CYP3A5 Genetic Polymorphisms on Serum Tacrolimus Dose-Adjusted Concentrations and Long-Term Prognosis in Chinese Heart Transplantation Recipients. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2019, 44, 771-776.	0.6	7
43	DAN plays important compensatory roles in systemic pulmonary shunt associated pulmonary arterial hypertension. <i>Acta Physiologica</i> , 2019, 226, e13263.	1.8	6
44	Rationale and design of a randomized cluster trial to improve guideline-adherence of secondary preventive drugs prescription after coronary artery bypass grafting in China: Measurement and Improvement Studies of Surgical Coronary Revascularization: Secondary Prevention (MISSION-1) Study. <i>American Heart Journal</i> , 2016, 178, 9-18.	1.2	5
45	Intronic Polymorphisms in Gene of Second Heart Field as Risk Factors for Human Congenital Heart Disease in a Chinese Population. <i>DNA and Cell Biology</i> , 2019, 38, 521-531.	0.9	5
46	Long-Term Graft Patency After Off-Pump and On-Pump Coronary Artery Bypass: A CORONARY Trial Cohort. <i>Annals of Thoracic Surgery</i> , 2020, 110, 2055-2061.	0.7	5
47	Processing of the explanted heart. <i>North American Journal of Medical Sciences</i> , 2014, 6, 613.	1.7	4
48	Surgeon-Specific Quality Monitoring System for Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2019, 107, 705-710.	0.7	4
49	Elevated postoperative serum uric acid is associated with major adverse events following coronary artery bypass grafting. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2559-2566.	0.3	4
50	Outcomes After Isolated Aortic Valve Replacement in Patients with Bicuspid vs Tricuspid Aortic Valve. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 854-865.	0.4	4
51	Low-frequency somatic copy number alterations in normal human lymphocytes revealed by large-scale single-cell whole-genome profiling. <i>Genome Research</i> , 2022, 32, 44-54.	2.4	4
52	Is the era of the heart team coming?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1664-1665.	0.4	3
53	Updated evidence for left main coronary artery disease: Practice versus the consensus. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 312-313.	0.4	3
54	Perioperative urinary thromboxane metabolites and outcome of coronary artery bypass grafting: a nested case-control study. <i>BMJ Open</i> , 2018, 8, e021219.	0.8	3

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55	Phenotypes of aortic valve disease according to detailed anatomical classification of patients who underwent aortic valve replacement surgery. <i>Cardiovascular Pathology</i> , 2019, 41, 1-7.	0.7	3
56	Minor alleles of genetic variants in second heart field increase the risk of hypoplastic right heart syndrome. <i>Journal of Genetics</i> , 2019, 98, 1.	0.4	3
57	Meis2 represses the osteoblastic transdifferentiation of aortic valve interstitial cells through the Notch1/Twist1 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 455-461.	1.0	3
58	Surgical left atrial appendage occlusion in patients with atrial fibrillation undergoing mechanical heart valve replacement. <i>Chinese Medical Journal</i> , 2020, 133, 1891-1899.	0.9	3
59	Midterm results of stand-alone thoracoscopic epicardial ablation with box lesion for atrial fibrillation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 354-361.	0.5	3
60	Effect of a smartphone-based intervention on secondary prevention medication prescriptions after coronary artery bypass graft surgery: The MISSION-1 randomized controlled trial. <i>American Heart Journal</i> , 2021, 237, 79-89.	1.2	3
61	Optimal Heart Team Protocol to Improve Revascularization Decisions in Patients with Complex Coronary Artery Disease: A Sequential Mixed Method Study. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2022, 8, 739-749.	1.8	3
62	Effect of early hypoglycaemia on hospitalization outcomes in patients undergoing coronary artery bypass grafting. <i>Diabetes Research and Clinical Practice</i> , 2022, 186, 109830.	1.1	3
63	Association between a Genetic Risk Score Based on Single Nucleotide Polymorphisms of Coronary Artery Disease-Related Genes and Left Main Coronary Artery Disease. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	2
64	Quality Measurement and Improvement Study of Surgical Coronary Revascularization. <i>Chinese Medical Journal</i> , 2018, 131, 1480-1489.	0.9	2
65	Safety and efficacy of tranexamic acid in paediatric cardiac surgery: study protocol for a double-blind randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e032642.	0.8	2
66	Impact of coronary total occlusion on graft failure and outcomes of coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1349-1357.e5.	0.4	2
67	A giant right coronary artery aneurysm caused by congenital coronary fistula. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-2.	0.3	2
68	In Vivo Detection of Lipid-Core Plaques by Coronary CT Angiography: A Head-to-Head Comparison with Histologic Findings. <i>Korean Journal of Radiology</i> , 2020, 21, 210.	1.5	2
69	Is Microplegia Superior to Regular Blood Cardioplegia During Coronary Artery Bypass Grafting?. <i>Annals of Thoracic Surgery</i> , 2014, 97, 2232-2233.	0.7	1
70	The China Patient-Centred Evaluative Assessment of Cardiac Events (China PEACE)-Prospective Study of 3-Vessel Disease: rationale and design. <i>BMJ Open</i> , 2016, 6, e009743.	0.8	1
71	Model assessment: new measures should be known and traditional measures should be accurately interpreted. <i>European Heart Journal</i> , 2020, 42, 134-135.	1.0	1
72	Mis-estimation of coronary lesions and rectification by SYNTAX score feedback for coronary revascularization appropriateness. <i>Chinese Medical Journal</i> , 2020, 133, 1276-1284.	0.9	1

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73	Box lesion or bi-atrial lesion set for atrial fibrillation during thoracoscopic epicardial ablation. Interactive Cardiovascular and Thoracic Surgery, 2021, , .	0.5	1
74	A Novel Risk Stratification System for Predicting In-Hospital Mortality Following Coronary Artery Bypass Grafting Surgery with Impaired Left Ventricular Ejection Fraction. Heart Surgery Forum, 2020, 23, E621-E626.	0.2	1
75	Clinical characteristics, outcomes and regional variations of acquired valvular heart disease patients undergoing cardiac surgery in China. BMC Cardiovascular Disorders, 2022, 22, 188.	0.7	1
76	Outcome differences between surgeons performing first and subsequent coronary artery bypass grafting procedures in a day: a retrospective comparative cohort study. BMJ Quality and Safety, 0, , bmjqs-2021-014244.	1.8	1
77	Response to Letters Regarding Article, "Efficacy of Long-Term Î²-Blocker Therapy for Secondary Prevention of Long-Term Outcomes After Coronary Artery Bypass Grafting Surgery", Circulation, 2016, 133, e394-5.	1.6	0
78	Sinoatrial nodal artery injury in thoracoscopic epicardial ablation for atrial fibrillation. European Journal of Cardio-thoracic Surgery, 2021, 59, 409-416.	0.6	0
79	Clinical Outcomes in Chronic Total Occlusion Revascularization Versus No Chronic Total Occlusion Revascularization: Variability by Target Vessel. Angiology, 2021, 72, 565-574.	0.8	0
80	Response by Lin et al to Letter Regarding Article, "Coronary Artery Bypass Grafting and Percutaneous Coronary Intervention in Patients With Chronic Total Occlusion and Multivessel Disease", Circulation: Cardiovascular Interventions, 2022, 15, e012099.	1.4	0