

Marjan Jahangiri

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

1,903
citations

218677

26
h-index

289244

40
g-index

98
all docs

98
docs citations

98
times ranked

2979
citing authors

#	ARTICLE	IF	CITATIONS
1	Current concepts in the pathogenesis of atrial fibrillation. American Heart Journal, 2009, 157, 243-252.	2.7	165
2	Dose-Related Effect of Statins on Atrial Fibrillation After Cardiac Surgery. Annals of Thoracic Surgery, 2008, 85, 1515-1520.	1.3	111
3	Patient-specific computational fluid dynamics assessment of aortic hemodynamics in a spectrum of aortic valve pathologies. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 8-20.e3.	0.8	81
4	Impact of Patient-Specific Inflow Velocity Profile on Hemodynamics of the Thoracic Aorta. Journal of Biomechanical Engineering, 2018, 140, .	1.3	69
5	The combined association of depression and socioeconomic status with length of post-operative hospital stay following coronary artery bypass graft surgery: Data from a prospective cohort study. Journal of Psychosomatic Research, 2014, 76, 34-40.	2.6	68
6	Role of ADAMTS-5 in Aortic Dilatation and Extracellular Matrix Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1537-1548.	2.4	66
7	Perioperative management and outcomes of aortic surgery during pregnancy. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 607-610.	0.8	58
8	Bicuspid aortic valve aortopathy: genetics, pathophysiology and medical therapy. Interactive Cardiovascular and Thoracic Surgery, 2013, 17, 554-559.	1.1	56
9	Extracellular matrix remodelling in response to venous hypertension: proteomics of human varicose veins. Cardiovascular Research, 2016, 110, 419-430.	3.8	56
10	Matrix metalloproteinase expression in the ascending aorta and aortic valve. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 37-40.	1.1	53
11	Patient-prosthesis mismatch following aortic valve replacement. Heart, 2019, 105, s28-s33.	2.9	49
12	Cardiac surgery during pregnancy: pulsatile or nonpulsatile perfusion?. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 894-895.	0.8	45
13	Glycoproteomics Reveals Decorin Peptides With Anti-Myostatin Activity in Human Atrial Fibrillation. Circulation, 2016, 134, 817-832.	1.6	43
14	S100 protein and its relation to cerebral microemboli in on-pump and off-pump coronary artery bypass surgery. European Journal of Cardio-thoracic Surgery, 2004, 25, 409-414.	1.4	40
15	Incidence and Mechanisms of Cerebral Ischemia After Transcatheter Aortic Valve Implantation Compared With Surgical Aortic Valve Replacement. Annals of Thoracic Surgery, 2015, 99, 802-808.	1.3	40
16	Optimism measured pre-operatively is associated with reduced pain intensity and physical symptom reporting after coronary artery bypass graft surgery. Journal of Psychosomatic Research, 2014, 77, 278-282.	2.6	39
17	Diurnal Cortisol Rhythm Is Associated With Adverse Cardiac Events and Mortality in Coronary Artery Bypass Patients. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3676-3682.	3.6	36
18	Functional assessment of thoracic aortic aneurysms – the future of risk prediction?. British Medical Bulletin, 2017, 121, 61-71.	6.9	36

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19	Low cardiopulmonary bypass perfusion temperatures are associated with acute kidney injury following coronary artery bypass surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 704-709.	1.4	35
20	Dilatation of the Remaining Aorta After Aortic Valve or Aortic Root Replacement in Patients With Bicuspid Aortic Valve: A 5-Year Follow-Up. <i>Annals of Thoracic Surgery</i> , 2013, 96, 43-49.	1.3	35
21	Depression, C-reactive protein and length of post-operative hospital stay in coronary artery bypass graft surgery patients. <i>Brain, Behavior, and Immunity</i> , 2014, 37, 115-121.	4.1	35
22	Attachment anxiety predicts IL-6 and length of hospital stay in coronary artery bypass graft surgery (CABG) patients. <i>Journal of Psychosomatic Research</i> , 2014, 77, 155-157.	2.6	34
23	Current Strategies in the Management of Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2006, 82, 357-364.	1.3	32
24	Impact of European Society of Cardiology and European Association for Cardiothoracic Surgery Guidelines on Myocardial Revascularization on the activity of percutaneous coronary intervention and coronary artery bypass graft surgery for stable coronary artery disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 606-610.	0.8	29
25	Pre-surgical depression and anxiety and recovery following coronary artery bypass graft surgery. <i>Journal of Behavioral Medicine</i> , 2017, 40, 249-258.	2.1	29
26	Proteomics of the epicardial fat secretome and its role in post-operative atrial fibrillation. <i>Europace</i> , 2018, 20, 1201-1208.	1.7	28
27	Minimally invasive surgical aortic valve replacement. <i>Heart</i> , 2019, 105, s10-s15.	2.9	26
28	Health-related personal control predicts depression symptoms and quality of life but not health behaviour following coronary artery bypass graft surgery. <i>Journal of Behavioral Medicine</i> , 2016, 39, 120-127.	2.1	25
29	The influence of prolonged intensive care stay on quality of life, recovery, and clinical outcomes following cardiac surgery: A prospective cohort study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1906-1915.e3.	0.8	22
30	Simulation-based learning of transesophageal echocardiography in cardiothoracic surgical trainees: A prospective, randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 22-25.	0.8	21
31	Attachment anxiety predicts depression and anxiety symptoms following coronary artery bypass graft surgery. <i>British Journal of Health Psychology</i> , 2016, 21, 796-811.	3.5	21
32	Sutureless aortic valve prostheses. <i>Heart</i> , 2019, 105, s16-s20.	2.9	21
33	Trainees can learn minimally invasive aortic valve replacement without compromising safety. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 458-462.	1.1	20
34	Three-Dimensional Printing for Chest Wall Reconstruction in Thoracic Surgery: Building on Experience. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 352-356.	1.0	19
35	Operative Planning in Thoracic Surgery: A Pilot Study Comparing Imaging Techniques and Three-Dimensional Printing. <i>Annals of Thoracic Surgery</i> , 2019, 107, 401-406.	1.3	18
36	Fate of the Aortic Arch Following Surgery on the Aortic Root and Ascending Aorta in Bicuspid Aortic Valve. <i>Annals of Thoracic Surgery</i> , 2018, 106, 771-776.	1.3	17

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37	Haemodynamic assessment of bicuspid aortic valve aortopathy: a systematic review of the current literature. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 610-617.	1.4	17
38	Non-laser percutaneous extraction of pacemaker and defibrillation leads: a decade of progress. <i>Europace</i> , 2017, 19, 1521-1526.	1.7	16
39	Analysis of aortic area/height ratio in patients with thoracic aortic aneurysm and Type A dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 696-701.	1.4	16
40	Cardiothoracic surgery training in the United Kingdom. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1948-1955.	0.8	16
41	Surgical Site Infections in Cardiac Surgery. <i>Critical Care Clinics</i> , 2020, 36, 581-592.	2.6	13
42	Cardiac Surgery-Enhanced Recovery Programs Modified for COVID-19: Key Steps to Preserve Resources, Manage Caseload Backlog, and Improve Patient Outcomes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 3218-3224.	1.3	13
43	Do corticosteroids prevent atrial fibrillation after cardiac surgery?. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2007, 4, 592-593.	3.3	12
44	Psychological distress and intensive care unit stay after cardiac surgery: The role of illness concern.. <i>Health Psychology</i> , 2015, 34, 283-287.	1.6	11
45	A Survey of Cardiothoracic Surgical Training in the United Kingdom: Realities of a 6-Year Integrated Training Program. <i>Annals of Thoracic Surgery</i> , 2015, 100, 2314-2319.	1.3	11
46	Aortic Root Surgery: Does High Surgical Volume and a Consistent Perioperative Approach Improve Outcome?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 302-309.	0.6	11
47	Pre-surgical Caregiver Burden and Anxiety Are Associated with Post-Surgery Cortisol over the Day in Caregivers of Coronary Artery Bypass Graft Surgery Patients. <i>International Journal of Behavioral Medicine</i> , 2019, 26, 316-322.	1.7	11
48	Cardiac interventions and cardiac surgery and pregnancy. <i>International Journal of Cardiology</i> , 2019, 276, 43-47.	1.7	11
49	Outcome of Patients With Aortic Stenosis Referred to a Multidisciplinary Meeting for Transcatheter Valve. <i>Annals of Thoracic Surgery</i> , 2011, 91, 411-415.	1.3	10
50	High-Volume Practice by a Single Specialized Team Reduces Mortality and Morbidity of Elective and Urgent Aortic Root Replacement. <i>Aorta</i> , 2013, 1, 40-44.	0.5	10
51	Early experience with the transaortic approach for transcatheter aortic valve implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1225-1227.	0.8	9
52	The value of surgeon-specific outcome data: results of a questionnaire: Table 1:. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 196-200.	1.4	9
53	Locally different proteome in aortas from patients with stenotic tricuspid and bicuspid aortic valves. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 458-469.	1.4	9
54	Stem Cells Accumulate on a Decellularized Arterial Xenograft In Vivo. <i>Annals of Thoracic Surgery</i> , 2014, 97, 2104-2110.	1.3	8

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55	Simulator Teaching of Cardiopulmonary Bypass Complications: A Prospective, Randomized Study. <i>Journal of Surgical Education</i> , 2016, 73, 1026-1031.	2.5	8
56	Pre-Operative Cognitive Functioning and Inflammatory and Neuroendocrine Responses to Cardiac Surgery. <i>Annals of Behavioral Medicine</i> , 2016, 50, 545-553.	2.9	8
57	Does the Aortic Annulus Dilate After Aortic Root Remodeling?. <i>Annals of Thoracic Surgery</i> , 2020, 110, 943-947.	1.3	8
58	Submitral Left Ventricular Pseudoaneurysm. <i>Annals of Thoracic Surgery</i> , 2005, 79, 1031-1032.	1.3	7
59	Functional status and survival after prolonged intensive care unit stay following cardiac surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, 750-754.	1.1	7
60	Depression 12-months after coronary artery bypass graft is predicted by cortisol slope over the day. <i>Psychoneuroendocrinology</i> , 2016, 71, 155-158.	2.7	7
61	Surgery for type A aortic dissection in pregnant patients with Marfan syndrome. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 264-264.	1.4	6
62	The EXCEL Trial: The Surgeons'™ Perspective. <i>European Cardiology Review</i> , 2020, 15, e67.	2.2	6
63	Quality of Life in Relation to Length of Intensive Care Unit Stay After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 1080-1090.	1.3	5
64	Optimal B-Spline Mapping of Flow Imaging Data for Imposing Patient-Specific Velocity Profiles in Computational Hemodynamics. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1872-1883.	4.2	5
65	The role of fractional flow reserve in coronary artery bypass graft surgery: a meta-analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 671-678.	1.1	5
66	Over-the-counter natural products in cardiac surgery: a case of ginseng-related massive perioperative bleeding. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2016-218068.	0.5	5
67	Early and long-term outcomes of conventional and valve-sparing aortic root replacement. <i>Heart</i> , 2022, 108, 1858-1863.	2.9	5
68	Short-term outcome following cardiac surgery – a comparison between consultant and trainees' performance. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 10, 889-891.	1.1	4
69	The Impact of Caregiving Burden on Mental Well-Being in Coronary Artery Bypass Graft Surgery Caregivers: The Mediatory Role of Perceived Social Support. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5447.	2.6	4
70	Surgical aortic valve replacement in the era of transcatheter aortic valve implantation: a review of the UK national database. <i>BMJ Open</i> , 2021, 11, e046491.	1.9	4
71	External aortic root support: a viable alternative treatment option? Consent and duty of candour. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 1020-1020.	1.4	3
72	Surgical glue resembling left atrial thrombus. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2004, 3, 409-410.	1.1	2

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73	Pulsatile Perfusion During Pregnancy. <i>Annals of Thoracic Surgery</i> , 2012, 93, 356.	1.3	2
74	When diameter is not enough: In search of the ideal patient-specific size parameter for aortic risk prediction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e255-e256.	0.8	2
75	Moderate aortic dilatation should not be ignored at primarily nonaortic cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e151-e152.	0.8	2
76	Relationship between indexed aortic area and aortic diameter in bicuspid aortic valve aortopathy: A retrospective cohort study. <i>Annals of Medicine and Surgery</i> , 2021, 65, 102342.	1.1	2
77	Sutureless valves in aortic stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 364.	0.8	1
78	Does Minimally Invasive Coronary Artery Surgery Have Prognostic and Cost Benefits?. <i>Annals of Thoracic Surgery</i> , 2022, 114, 609-610.	1.3	1
79	Assessment and reporting of aortic valve repair. <i>Annals of Thoracic Surgery</i> , 2021, , .	1.3	1
80	Tipping the balance towards elective ascending aortic replacement at diameters smaller than 5.5 cm. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 204-204.	1.4	1
81	Survival, Predictive Factors, and Causes of Mortality following Transcatheter Aortic Valve Implantation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013, 8, 359-363.	0.9	0
82	A novel approach of arteriovenous fistula formation in cultivation of an arm vein for use in infrainguinal surgical bypass grafting. <i>Journal of Vascular Surgery Cases</i> , 2015, 1, 184-186.	0.2	0
83	Gigantic Saphenous Vein Graft Aneurysm Presenting as Pulsatile Anterior Chest Wall Mass. <i>Annals of Thoracic Surgery</i> , 2016, 102, e263.	1.3	0
84	Removing the bicuspid source of aortopathy prevents further dilatation. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 193.1-193.	1.4	0
85	152â€¦The role of adamts-5 in extracellular matrix remodelling of thoracic aortic aneurysms. <i>Heart</i> , 2017, 103, A111.2-A111.	2.9	0
86	Novel Approach to Repairing a Traumatic Aortic Arch Pseudoaneurysm Following a Fall. <i>Aorta</i> , 2019, 07, 015-017.	0.5	0
87	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2020, 109, 100-101.	1.3	0
88	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1643.	1.3	0
89	Should the Ross Procedure Be Considered in Infective Aortic Valve Endocarditis?. <i>Annals of Thoracic Surgery</i> , 2020, 110, 861-862.	1.3	0
90	How To Assess the Evidence for Aortic Valve Repair?. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1973-1974.	1.3	0

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91	Should We Be Worried About Patient-Prosthesis Mismatch?. Annals of Thoracic Surgery, 2021, 111, 1290-1291.	1.3	0
92	Survival after surgical aortic valve replacement in patients with bicuspid aortic valve disease. Heart, 2021, 107, 1113-1114.	2.9	0
93	Assessing the methodology used to study the ascending aorta haemodynamics in bicuspid aortic valve. European Heart Journal Digital Health, 2021, 2, 271-278.	1.7	0
94	Left Ventricular Remodeling after Transcatheter Aortic Valve Implantation: One-Year Follow-up Study. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2015, 10, 44-47.	0.9	0
95	Thoracic Aortic Surgery in Marfan Syndrome. , 2016, , 101-125.		0
96	Foreward to TAVI/SAVR supplement. Heart, 2019, 105, s1-s1.	2.9	0