

Joon Bum Kim

List of Publications by Year in descending order

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Version: 2024-02-01

209
papers

2,862
citations

186265

28
h-index

243625

44
g-index

210
all docs

210
docs citations

210
times ranked

3718
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Surgical outcomes of infective endocarditis among intravenous drug users. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 832-841.e1. | 0.8 | 114 |
| 2 | Clinical and echocardiographic outcomes after surgery for severe isolated tricuspid regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 278-284. | 0.8 | 112 |
| 3 | Risk of Aortic Dissection in the Moderately Dilated Ascending Aorta. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1209-1219. | 2.8 | 112 |
| 4 | Mild-to-moderate functional tricuspid regurgitation in patients undergoing valve replacement for rheumatic mitral disease: the influence of tricuspid valve repair on clinical and echocardiographic outcomes. <i>Heart</i> , 2012, 98, 24-30. | 2.9 | 85 |
| 5 | Are homografts superior to conventional prosthetic valves in the setting of infective endocarditis involving the aortic valve?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1239-1248.e2. | 0.8 | 81 |
| 6 | Risk of Rupture or Dissection in Descending Thoracic Aortic Aneurysm. <i>Circulation</i> , 2015, 132, 1620-1629. | 1.6 | 75 |
| 7 | Total arch repair versus hemiarch repair in the management of acute DeBakey type I aortic dissection†. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 881-7. | 1.4 | 74 |
| 8 | Long-Term Survival Following Coronary Artery Bypass Grafting. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2280-2288. | 2.8 | 68 |
| 9 | Long-term outcomes after surgery for rheumatic mitral valve disease: valve repair versus mechanical valve replacement†. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 1039-1046. | 1.4 | 64 |
| 10 | Left Atrial Ablation Versus Biatrial Ablation in the Surgical Treatment of Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1397-1405. | 1.3 | 57 |
| 11 | Blood lactate level during extracorporeal life support as a surrogate marker for survival. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 714-720. | 0.8 | 57 |
| 12 | Demonstration of infective endocarditis by cardiac CT and transoesophageal echocardiography: comparison with intra-operative findings. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 199-207. | 1.2 | 55 |
| 13 | Long-Term Outcomes of Mechanical Valve Replacement in Patients With Atrial Fibrillation. <i>Circulation</i> , 2012, 125, 2071-2080. | 1.6 | 51 |
| 14 | Surgical outcomes of severe tricuspid regurgitation: predictors of adverse clinical outcomes. <i>Heart</i> , 2013, 99, 181-187. | 2.9 | 51 |
| 15 | Mild-to-moderate functional tricuspid regurgitation in patients undergoing mitral valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 1092-1097. | 0.8 | 48 |
| 16 | Outcomes of Acute Retrograde Type A Aortic Dissection With an Entry Tear in Descending Aorta. <i>Circulation</i> , 2014, 130, S39-44. | 1.6 | 46 |
| 17 | Extracorporeal life support for cardiogenic shock: influence of concomitant intra-aortic balloon counterpulsation. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 186-192. | 1.4 | 45 |
| 18 | Left Atrial Appendage Resection Versus Preservation During the Surgical Ablation of Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2014, 97, 124-132. | 1.3 | 43 |

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|----|---|-----|-----------|
| 19 | Clinical outcomes in 1731 patients undergoing mitral valve surgery for rheumatic valve disease. <i>Heart</i> , 2018, 104, 841-848. | 2.9 | 43 |
| 20 | Characteristics and Outcomes of Ascending Versus Descending Thoracic Aortic Aneurysms. <i>American Journal of Cardiology</i> , 2016, 117, 1683-1690. | 1.6 | 39 |
| 21 | Nutritional status and risk of all-cause mortality in patients undergoing transcatheter aortic valve replacement assessment using the geriatric nutritional risk index and the controlling nutritional status score. <i>Clinical Research in Cardiology</i> , 2020, 109, 161-171. | 3.3 | 36 |
| 22 | Long-term outcome of modified maze procedure combined with mitral valve surgery: Analysis of outcomes according to type of mitral valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 111-117. | 0.8 | 35 |
| 23 | Anticoagulation During Extracorporeal Membrane Oxygenation; Nafamostat Mesilate Versus Heparin. <i>Annals of Thoracic Surgery</i> , 2016, 102, 534-539. | 1.3 | 35 |
| 24 | Descending aortic aneurysmal changes following surgery for acute DeBakey type I aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 851-857. | 1.4 | 34 |
| 25 | Differential clinical features and long-term prognosis of acute aortic syndrome according to disease entity. <i>European Heart Journal</i> , 2019, 40, 2727-2736. | 2.2 | 34 |
| 26 | Extracorporeal life support for adults with refractory septic shock. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1104-1109.e1. | 0.8 | 32 |
| 27 | New-Onset Diabetes Mellitus After Heart Transplantation—Incidence, Risk Factors and Impact on Clinical Outcome. <i>Circulation Journal</i> , 2017, 81, 806-814. | 1.6 | 31 |
| 28 | Mitral durability after robotic mitral valve repair: Analysis of 200 consecutive mitral regurgitation repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2773-2779. | 0.8 | 30 |
| 29 | del Nido cardioplegia in adult cardiac surgery: beyond single-valve surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 81-87. | 1.1 | 30 |
| 30 | Comparative Histology of Aortic Dilatation Associated With Bileaflet Versus Trileaflet Aortic Valves. <i>Annals of Thoracic Surgery</i> , 2015, 100, 2095-2101. | 1.3 | 29 |
| 31 | Subprosthetic Pannus after Aortic Valve Replacement Surgery: Cardiac CT Findings and Clinical Features. <i>Radiology</i> , 2015, 276, 724-731. | 7.3 | 28 |
| 32 | Early Outcomes of Acute Retrograde Dissection From the International Registry of Acute Aortic Dissection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 150-159. | 0.6 | 26 |
| 33 | Risk factor analysis for postoperative acute respiratory distress syndrome and early mortality after pneumonectomy: The predictive value of preoperative lung perfusion distribution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 26-31. | 0.8 | 25 |
| 34 | Deep hypothermic circulatory arrest versus non-deep hypothermic beating heart strategy in descending thoracic or thoracoabdominal aortic surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 678-684. | 1.4 | 24 |
| 35 | The influence of age on atrial fibrillation recurrence after the maze procedure in patients with giant left atrium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 1015-1019. | 0.8 | 23 |
| 36 | Comparison of Results of Tricuspid Valve Repair Versus Replacement for Severe Functional Tricuspid Regurgitation. <i>American Journal of Cardiology</i> , 2017, 119, 905-910. | 1.6 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Impact of Valve Replacement on Long-Term Survival in Asymptomatic Patients With Severe Aortic Stenosis. <i>American Journal of Cardiology</i> , 2019, 123, 1321-1328. | 1.6 | 23 |
| 38 | Concomitant ablation of atrial fibrillation in rheumatic mitral valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1519-1528.e5. | 0.8 | 23 |
| 39 | Mitral valve replacement with or without a concomitant Maze procedure in patients with atrial fibrillation. <i>Heart</i> , 2010, 96, 1126-1131. | 2.9 | 21 |
| 40 | Outcomes of extracorporeal life support for low cardiac output syndrome after major cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 283-289. | 0.8 | 21 |
| 41 | Management of concomitant mild to moderate functional mitral regurgitation during aortic valve surgery for severe aortic insufficiency. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 441-446. | 0.8 | 21 |
| 42 | Conduction disturbance after isolated surgical aortic valve replacement in degenerative aortic stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1556-1565.e1. | 0.8 | 21 |
| 43 | Best surgical option for arch extension of type B aortic dissection: the open approach. <i>Annals of Cardiothoracic Surgery</i> , 2014, 3, 406-12. | 1.7 | 21 |
| 44 | Early Postoperative Complications after Heart Transplantation in Adult Recipients: Asan Medical Center Experience. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 46, 426-432. | 0.6 | 21 |
| 45 | The effect of an improvement of experience and training in extracorporeal membrane oxygenation management on clinical outcomes. <i>Korean Journal of Internal Medicine</i> , 2018, 33, 121-129. | 1.7 | 20 |
| 46 | The fate of unrepaired chronic type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 996-1004.e3. | 0.8 | 20 |
| 47 | Comparative outcomes of total arch versus hemiarch repair in acute DeBakey type I aortic dissection: the impact of 21 years of experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 967-975. | 1.4 | 20 |
| 48 | Echocardiographic assessment of mitral durability in the late period following mitral valve repair: Minithoracotomy versus conventional sternotomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1547-1552. | 0.8 | 19 |
| 49 | Echocardiographic evaluation of mitral durability following valve repair in rheumatic mitral valve disease: Impact of Maze procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 247-253. | 0.8 | 19 |
| 50 | Computed Tomography Features of Cuspal Thrombosis and Subvalvular Tissue Ingrowth after Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020, 125, 597-606. | 1.6 | 19 |
| 51 | Surgical repair of descending thoracic and thoracoabdominal aortic aneurysm involving the distal arch: Open proximal anastomosis under deep hypothermia versus arch clamping technique. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2101-2107. | 0.8 | 18 |
| 52 | Incidence, Predictors, Management, and Clinical Significance of New-Onset Atrial Fibrillation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019, 123, 1127-1133. | 1.6 | 18 |
| 53 | Sequential Versus Individual Saphenous Vein Grafting During Coronary Arterial Bypass Surgery. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1165-1173. | 1.3 | 18 |
| 54 | Venovenous Extracorporeal Membrane Oxygenation for Postoperative Acute Respiratory Distress Syndrome. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 48, 180-186. | 0.6 | 18 |

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|----|---|-----|-----------|
| 55 | Alternative Energy Sources for Surgical Treatment of Atrial Fibrillation in Patients Undergoing Mitral Valve Surgery: Microwave Ablation vs Cryoablation. <i>Journal of Korean Medical Science</i> , 2010, 25, 1467. | 2.5 | 17 |
| 56 | Clinical outcomes of robotic mitral valve repair: a single-center experience in Korea. <i>Annals of Cardiothoracic Surgery</i> , 2017, 6, 9-16. | 1.7 | 17 |
| 57 | Right aortic arch and an aberrant left subclavian artery arising from a Kommerell diverticulum complicated by acute aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 978-979. | 0.8 | 16 |
| 58 | Surgical ablation of atrial fibrillation in patients with a giant left atrium undergoing mitral valve surgery. <i>Heart</i> , 2016, 102, 1206-1214. | 2.9 | 16 |
| 59 | Supra-annular versus intra-annular prostheses in aortic valve replacement: impact on haemodynamics and clinical outcomes. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 28, 58-64. | 1.1 | 16 |
| 60 | Surgical Outcomes of Cardiac Myxoma: Right Minithoracotomy Approach versus Median Sternotomy Approach. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 356-360. | 0.6 | 16 |
| 61 | Surgical Outcomes in Behçet's Disease Patients With Severe Aortic Regurgitation. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1188-1194. | 1.3 | 15 |
| 62 | Determinants of clinical outcomes of surgery for isolated severe tricuspid regurgitation. <i>Heart</i> , 2021, 107, 403-410. | 2.9 | 15 |
| 63 | Geometric predictors of left ventricular outflow tract obstruction in patients with hypertrophic cardiomyopathy: a 3D computed tomography analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1149-1156. | 1.2 | 14 |
| 64 | Prognostic Value of Baseline Sarcopenia on 1-year Mortality in Patients Undergoing Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2021, 139, 79-86. | 1.6 | 14 |
| 65 | Impact of the maze procedure and postoperative atrial fibrillation on progression of functional tricuspid regurgitation in patients undergoing degenerative mitral repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 520-525. | 1.4 | 13 |
| 66 | Long-Term Outcomes of the Maze Procedure Combined With Mitral Valve Repair: Risk of Thromboembolism Without Anticoagulation Therapy. <i>Annals of Thoracic Surgery</i> , 2015, 100, 840-844. | 1.3 | 13 |
| 67 | Risk of New Native-Vessel Occlusion After Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2017, 119, 7-13. | 1.6 | 13 |
| 68 | Late improvement in graft patency after coronary artery bypass grafting: Serial assessment with multidetector computed tomography in the early and late postoperative settings. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 793-799. | 0.8 | 12 |
| 69 | Maze procedure in patients with left ventricular dysfunction. <i>International Journal of Cardiology</i> , 2014, 170, 331-337. | 1.7 | 12 |
| 70 | Functional classification of aortic regurgitation using cardiac computed tomography: comparison with surgical inspection. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1295-1303. | 1.5 | 12 |
| 71 | 3D-Printing-Based Open Repair of Extensive Thoracoabdominal Aorta in Severe Scoliosis. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 61-63. | 0.6 | 12 |
| 72 | Extracorporeal Cardiopulmonary Resuscitation: Predictors of Survival. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 273-279. | 0.6 | 11 |

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|----|---|-----|-----------|
| 73 | In vivo assessment of aortic root geometry in normal controls using 3D analysis of computed tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 780-786. | 1.2 | 11 |
| 74 | On-pump beating heart versus conventional coronary artery bypass grafting: comparative study on early and long-term clinical outcomes. <i>Journal of Thoracic Disease</i> , 2018, 10, 2656-2665. | 1.4 | 10 |
| 75 | Relation of Body Mass Index to Risk of Death or Stroke in Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019, 123, 638-643. | 1.6 | 10 |
| 76 | Reoperative Aortic Root Replacement in Patients with Previous Aortic Root or Aortic Valve Procedures. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 250-257. | 0.6 | 10 |
| 77 | Long-Term Outcomes of Homografts in the Aortic Valve and Root Position: A 20-Year Experience. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 258-263. | 0.6 | 10 |
| 78 | Effect of high- versus low-volume saline administration on acute kidney injury after cardiac surgery. <i>Journal of Thoracic Disease</i> , 2018, 10, 6753-6762. | 1.4 | 9 |
| 79 | Robotic-Assisted Surgical Ablation of Atrial Fibrillation Combined With Mitral Valve Surgery. <i>Annals of Thoracic Surgery</i> , 2019, 107, 762-768. | 1.3 | 9 |
| 80 | Cardiac computed tomography for the localization of mitral valve prolapse: scallop-by-scallop comparisons with echocardiography and intraoperative findings. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 550-557. | 1.2 | 9 |
| 81 | Influence of a high-intensity staffing model in a cardiac surgery intensive care unit on postoperative clinical outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1382-1389. | 0.8 | 9 |
| 82 | Determinants of effective orifice area in aortic valve replacement: anatomic and clinical factors. <i>Journal of Thoracic Disease</i> , 2020, 12, 1942-1951. | 1.4 | 9 |
| 83 | Association of aortic valvular complex calcification burden with procedural and long-term clinical outcomes after transcatheter aortic valve replacement. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1502-1510. | 1.2 | 9 |
| 84 | Surgical Outcomes of Kommerell Diverticulum. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 53, 346-352. | 0.6 | 9 |
| 85 | Racial Differences in the Incidence and Impact of Prosthesis-Patient Mismatch After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2670-2681. | 2.9 | 9 |
| 86 | The influence of postoperative mitral valve function on the late recurrence of atrial fibrillation after the maze procedure combined with mitral valvuloplasty. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 1170-1176. | 0.8 | 8 |
| 87 | Medtronic Duran AnCore versus Edwards MC3 rings for tricuspid annuloplasty. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, 848-854. | 1.1 | 8 |
| 88 | Aortic arch repair under moderate hypothermic circulatory arrest with or without antegrade cerebral perfusion based on the extent of repair. <i>Journal of Thoracic Disease</i> , 2018, 10, 1875-1883. | 1.4 | 8 |
| 89 | Concomitant mitral valve surgery in patients with moderate ischemic mitral regurgitation undergoing coronary artery bypass grafting. <i>Journal of Thoracic Disease</i> , 2018, 10, 3632-3642. | 1.4 | 8 |
| 90 | Cerebral atherosclerosis and early ischemic stroke after left-sided valve replacement surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 967-976.e6. | 0.8 | 8 |

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|-----|---|-----|-----------|
| 91 | Comparison of del Nido and histidine-tryptophan-ketoglutarate cardioplegic solutions in minimally invasive cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , . | 0.8 | 8 |
| 92 | Comparative Surgical Outcomes of Prosthetic and Native Valve Endocarditis. <i>Korean Circulation Journal</i> , 2021, 51, 504. | 1.9 | 8 |
| 93 | Impact of valve repair on mild tricuspid insufficiency in rheumatic mitral surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 1374-1383.e7. | 0.8 | 8 |
| 94 | Applications of Three-Dimensional Printing in Cardiovascular Surgery: A Case-Based Review. <i>Cardiovascular Imaging Asia</i> , 2018, 2, 166. | 0.1 | 8 |
| 95 | Surgical Repair of Ventricular Septal Defect after Myocardial Infarction: A Single Center Experience during 22 Years. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 46, 433-438. | 0.6 | 8 |
| 96 | Myocardial Injury Following Aortic Valve Replacement for Severe Aortic Stenosis: Risk Factor of Postoperative Myocardial Injury and Its Impact on Long-Term Outcomes. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 47, 233-239. | 0.6 | 8 |
| 97 | Multiple Ascending Aortic Mural Thrombi and Acute Necrotizing Mediastinitis Secondary to Acute Pancreatitis. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 401-404. | 0.6 | 8 |
| 98 | Remnant aortic remodelling in younger patients after acute type I aortic dissection surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 150-155. | 1.4 | 7 |
| 99 | Coronary artery bypass grafting in patients with severe chronic kidney disease: a propensity score-weighted analysis on the impact of on-pump versus off-pump strategies. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 937-944. | 1.4 | 7 |
| 100 | Cardiothoracic surgery training in South Korea: Challenges and new hopes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 205-214.e1. | 0.8 | 7 |
| 101 | Pre-sewn Multi-branched Aortic Graft and 3D-Printing Guidance for Crawford Extent II or III Thoracoabdominal Aortic Aneurysm Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, , . | 0.6 | 7 |
| 102 | Comparison of dopamine versus norepinephrine in circulatory shock after cardiac surgery: A randomized controlled trial. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3711-3718. | 0.7 | 7 |
| 103 | Benefit of Sarcopenia Screening in Older Patients Undergoing Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2022, 113, 2018-2026. | 1.3 | 7 |
| 104 | Outcomes of Reoperative Valve Replacement in Patients with Prosthetic Valve Endocarditis: A 20-Year Experience. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 51, 15-21. | 0.6 | 7 |
| 105 | Early Antithrombotic Therapy after Bioprosthetic Aortic Valve Replacement in Elderly Patients: A Single-Center Experience. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2017, 23, 128-134. | 0.8 | 6 |
| 106 | An eight-branched aortic graft for reconstruction of visceral and intercostal arteries during extent II thoraco-abdominal aortic surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 1282-1283. | 1.4 | 6 |
| 107 | Prognostic Impact of Mildly Impaired Renal Function in Patients Undergoing Multivessel Coronary Revascularization. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1270-1284. | 2.8 | 6 |
| 108 | Left Atrial Function Following Surgical Ablation of Atrial Fibrillation: Prospective Evaluation Using Dual-Source Cardiac Computed Tomography. <i>Yonsei Medical Journal</i> , 2015, 56, 608. | 2.2 | 5 |

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|-----|---|-----|-----------|
| 109 | Valve replacement surgery in severe chronic kidney disease. <i>International Journal of Cardiology</i> , 2017, 241, 115-119. | 1.7 | 5 |
| 110 | Comparative effectiveness of coronary screening in heart valve surgery: Computed tomography versus conventional coronary angiography. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1423-1431.e3. | 0.8 | 5 |
| 111 | Prognostic Implication of Right Ventricle Parameters Measured on Preoperative Cardiac MRI in Patients with Functional Tricuspid Regurgitation. <i>Korean Journal of Radiology</i> , 2021, 22, 1253. | 3.4 | 5 |
| 112 | Does Surgical Ablation of Atrial Fibrillation Benefit Patients Undergoing Bioprosthetic Valve Replacement?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 906-915. | 0.6 | 5 |
| 113 | Successful Surgical Treatment for Thoracoabdominal Aortic Aneurysm with Leriche Syndrome. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 48, 134-138. | 0.6 | 5 |
| 114 | Mini-thoracotomy and full-sternotomy approach for reoperative mitral valve surgery after a previous sternotomy. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 354-360. | 1.1 | 5 |
| 115 | Incremental Prognostic Value of Left Ventricular Global Longitudinal Strain in Patients with Preserved Ejection Fraction Undergoing Transcatheter Aortic Valve Implantation. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 947-955.e7. | 2.8 | 5 |
| 116 | Three-dimensional Computed Tomographic Analysis of Normal and Aneurysmal Aortic Roots: Is There a Specific Geometric Pattern in the Aortic Root?. <i>Clinical Anatomy</i> , 2020, 33, 117-123. | 2.7 | 4 |
| 117 | Complete Resection of Cardiac Angiosarcoma Invading Right Heart and Right Coronary Artery. <i>Annals of Thoracic Surgery</i> , 2020, 110, e501-e503. | 1.3 | 4 |
| 118 | The Impact of Left Atrial Reduction During Surgical Ablation of Atrial Fibrillation. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 537-546. | 0.6 | 4 |
| 119 | Incidence, Predictors, and Prognostic Impact of Immediate Improvement in Left Ventricular Systolic Function After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2021, 152, 99-105. | 1.6 | 4 |
| 120 | Prognostic impact of left ventricular mass regression after transcatheter aortic valve replacement in patients with left ventricular hypertrophy. <i>International Journal of Cardiology</i> , 2021, 332, 60-66. | 1.7 | 4 |
| 121 | Real-World Outcomes of On- vs Off-pump Coronary Bypass Surgery: Result From Korean Nationwide Cohort. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1989-1998. | 1.3 | 4 |
| 122 | Multifilament Cable Wire versus Conventional Wire for Sternal Closure in Patients Undergoing Major Cardiac Surgery. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 48, 265-271. | 0.6 | 4 |
| 123 | Simple Interrupted Suturing for Aortic Valve Replacement in Patients with Severe Aortic Stenosis. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 53, 332-338. | 0.6 | 4 |
| 124 | Pericardial Versus Porcine Valves for Surgical Aortic Valve Replacement. <i>Korean Circulation Journal</i> , 2022, 52, 136. | 1.9 | 4 |
| 125 | A Huge Pericardial Gossypiboma Causing Severe Cardiac Dysfunction. <i>Annals of Thoracic Surgery</i> , 2020, 109, e167-e169. | 1.3 | 3 |
| 126 | Exclusion versus preservation of the left atrial appendage in rheumatic mitral valve surgery. <i>Heart</i> , 2020, 106, 1839-1846. | 2.9 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Early and Two-year Outcomes after Sutureless and Conventional Aortic Valve Replacement: a Nationwide Population-based Study. <i>Journal of Korean Medical Science</i> , 2021, 36, e57. | 2.5 | 3 |
| 128 | B-type natriuretic peptide as a surrogate marker for survival in patients undergoing cardiac surgery. <i>Journal of Thoracic Disease</i> , 2021, 13, 955-967. | 1.4 | 3 |
| 129 | Mini-access open arch repair. <i>Journal of Thoracic Disease</i> , 2021, 13, 2233-2241. | 1.4 | 3 |
| 130 | A Risk Prediction Model for Operative Mortality after Heart Valve Surgery in a Korean Cohort. <i>Journal of Chest Surgery</i> , 2021, 54, 88-98. | 0.5 | 3 |
| 131 | Utilizing patient-specific 3D printed guides for graft reconstruction in thoracoabdominal aortic repair. <i>Scientific Reports</i> , 2021, 11, 18027. | 3.3 | 3 |
| 132 | Influence of Radiologically Evident Residual Intimal Tear on Expansion of Descending Aorta Following Surgery for Acute Type I Aortic Dissection. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 47, 6-12. | 0.6 | 3 |
| 133 | 3-Dimensional computed tomographic assessment predicts conduction block and paravalvular leakage after rapid-deployment aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 899-907. | 1.4 | 3 |
| 134 | Aortic annulus sizing in bicuspid and tricuspid aortic valves using CT in patients with surgical aortic valve replacement. <i>Scientific Reports</i> , 2021, 11, 21005. | 3.3 | 3 |
| 135 | Extra-anatomic Aortic Bypass for the Management of Mid-Aortic Syndrome Caused by Takayasu arteritis. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 48, 70-73. | 0.6 | 3 |
| 136 | A Minimally Invasive Approach for the Treatment of Mid-Aortic Syndrome in Takayasu Arteritis. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 51, 399-402. | 0.6 | 3 |
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