

# Irving L Kron

## List of Publications by Year in descending order

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Version: 2024-02-01

202  
papers

8,759  
citations

47006

47  
h-index

48315

88  
g-index

205  
all docs

205  
docs citations

205  
times ranked

7925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitral-Valve Repair versus Replacement for Severe Ischemic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2014, 370, 23-32.	27.0	792
2	Two-Year Outcomes of Surgical Treatment of Severe Ischemic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2016, 374, 344-353.	27.0	752
3	Surgical Treatment of Moderate Ischemic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2014, 371, 2178-2188.	27.0	358
4	Standardization of Care: Impact of an Enhanced Recovery Protocol on Length of Stay, Complications, and Direct Costs after Colorectal Surgery. <i>Journal of the American College of Surgeons</i> , 2015, 220, 430-443.	0.5	343
5	Reperfusion injury significantly impacts clinical outcome after pulmonary transplantation. <i>Annals of Thoracic Surgery</i> , 2000, 69, 1681-1685.	1.3	313
6	Surgical relocation of the posterior papillary muscle in chronic ischemic mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2002, 74, 600-601.	1.3	312
7	Ischemia-reperfusion injury after lung transplantation increases risk of late bronchiolitis obliterans syndrome. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1041-1048.	1.3	240
8	Postoperative Atrial Fibrillation Significantly Increases Mortality, Hospital Readmission, and Hospital Costs. <i>Annals of Thoracic Surgery</i> , 2014, 98, 527-533.	1.3	207
9	Predicting recurrent mitral regurgitation after mitral valve repair for severe ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 752-761.e1.	0.8	181
10	Shortage of Cardiothoracic Surgeons Is Likely by 2020. <i>Circulation</i> , 2009, 120, 488-494.	1.6	174
11	Alveolar macrophage activation is a key initiation signal for acute lung ischemia-reperfusion injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L1018-L1026.	2.9	162
12	Lung transplant reperfusion injury involves pulmonary macrophages and circulating leukocytes in a biphasic response. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 1069-1075.	0.8	136
13	Management Practices and Major Infections After Cardiac Surgery. <i>Journal of the American College of Cardiology</i> , 2014, 64, 372-381.	2.8	128
14	Mesenchymal stromal cell-derived extracellular vesicles attenuate lung ischemia-reperfusion injury and enhance reconditioning of donor lungs after circulatory death. <i>Respiratory Research</i> , 2017, 18, 212.	3.6	104
15	Contemporary outcomes in reoperative mitral valve surgery. <i>Heart</i> , 2018, 104, 652-656.	2.9	103
16	Natural Killer T Cell-derived IL-17 Mediates Lung Ischemia-Reperfusion Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1539-1549.	5.6	102
17	One-Year Outcomes After MitraClip for Functional Mitral Regurgitation. <i>Circulation</i> , 2019, 139, 37-47.	1.6	98
18	Development of a Risk Prediction Model and Clinical Risk Score for Isolated Tricuspid Valve Surgery. <i>Annals of Thoracic Surgery</i> , 2018, 106, 129-136.	1.3	95

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19	Coronary artery bypass with ventricular restoration is superior to coronary artery bypass alone in patients with ischemic cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 127, 428-434.	0.8	88
20	Anomalous origin of the right coronary artery: Right internal thoracic artery to right coronary artery bypass is not the answer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 456-460.	0.8	88
21	Surgeon Scientists Are Disproportionately Affected by Declining NIH Funding Rates. <i>Journal of the American College of Surgeons</i> , 2018, 226, 474-481.	0.5	85
22	Reevaluating the Need for Left Subclavian Artery Revascularization With Thoracic Endovascular Aortic Repair. <i>Annals of Thoracic Surgery</i> , 2007, 84, 1201-1205.	1.3	82
23	Pannexin-1 channels on endothelial cells mediate vascular inflammation during lung ischemia-reperfusion injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L301-L312.	2.9	82
24	Socioeconomic Distressed Communities Index Predicts Risk-Adjusted Mortality After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1706-1712.	1.3	80
25	Minimally invasive aortic valve replacement provides equivalent outcomes at reduced cost compared with conventional aortic valve replacement: A real-world multi-institutional analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1060-1065.	0.8	79
26	Mitral Repair Is Superior to Replacement When Associated With Coronary Artery Disease. <i>Annals of Surgery</i> , 2004, 239, 671-677.	4.2	77
27	Predicting survival after coronary revascularization for ischemic cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 1995, 60, 1193-1197.	1.3	73
28	Ex vivo rehabilitation of non-heart-beating donor lungs in preclinical porcine model: Delayed perfusion results in superior lung function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 1208-1216.	0.8	73
29	Methylene Blue for Vasoplegic Syndrome After Cardiac Operation: Early Administration Improves Survival. <i>Annals of Thoracic Surgery</i> , 2017, 104, 36-41.	1.3	73
30	Mitral valve repair rates correlate with surgeon and institutional experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 995-1004.	0.8	71
31	Adenosine A2A receptor activation reduces inflammation and preserves pulmonary function in an in vivo model of lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 129, 1137-1143.	0.8	70
32	Cost of individual complications following coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 875-882.e1.	0.8	68
33	Adenosine A2A Agonist Improves Lung Function During Ex Vivo Lung Perfusion. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1840-1846.	1.3	67
34	Surgical mentorship. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 489-492.	0.8	62
35	Primary Payer Status Is Associated With Mortality and Resource Utilization for Coronary Artery Bypass Grafting. <i>Circulation</i> , 2012, 126, S132-9.	1.6	60
36	Adenosine A2A receptor activation on CD4+ T lymphocytes and neutrophils attenuates lung ischemia-reperfusion injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 474-482.	0.8	59

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37	Left Main Revascularization With PCI or CABG in Patients With Chronic Kidney Disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, 754-765.	2.8	59
38	Impact of Left Ventricular to Mitral Valve Ring Mismatch on Recurrent Ischemic Mitral Regurgitation After Ring Annuloplasty. <i>Circulation</i> , 2016, 134, 1247-1256.	1.6	58
39	Primary Payer Status Affects Outcomes for Cardiac Valve Operations. <i>Journal of the American College of Surgeons</i> , 2011, 212, 759-767.	0.5	57
40	Hospital Variation in Mortality From Cardiac Arrest After Cardiac Surgery: An Opportunity for Improvement?. <i>Annals of Thoracic Surgery</i> , 2014, 98, 534-540.	1.3	57
41	Premature Bioprosthetic Aortic Valve Degeneration Associated with Allergy to Galactose- $\alpha$ 1,3-Galactose. <i>Journal of Cardiac Surgery</i> , 2016, 31, 446-448.	0.7	56
42	Need for Permanent Pacemaker After Surgical Aortic Valve Replacement Reduces Long-Term Survival. <i>Annals of Thoracic Surgery</i> , 2018, 106, 460-465.	1.3	55
43	Mortality After Repeat Revascularization Following PCI or CABG for Left Main Disease. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 375-387.	2.9	55
44	Additive protection against lung ischemia-reperfusion injury by adenosine A2A receptor activation before procurement and during reperfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 156-165.	0.8	52
45	Impact of Medicaid Expansion on Cardiac Surgery Volume and Outcomes. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1251-1258.	1.3	51
46	Pulmonary macrophages are involved in reperfusion injury after lung transplantation. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1134-1139.	1.3	49
47	Pretreatment strategy with adenosine A2A receptor agonist attenuates reperfusion injury in a preclinical porcine lung transplantation model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 887-894.	0.8	48
48	Sphingosine-1-phosphate receptor 1 agonism attenuates lung ischemia-reperfusion injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L1245-L1252.	2.9	48
49	NOX2 Activation of Natural Killer T Cells Is Blocked by the Adenosine A <sub>2A</sub> Receptor to Inhibit Lung Ischemia-Reperfusion Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 988-999.	5.6	48
50	2016 update to The American Association for Thoracic Surgery (AATS) consensus guidelines: Ischemic mitral valve regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, e97-e114.	0.8	48
51	Adenosine 2B Receptor Activation Reduces Myocardial Reperfusion Injury by Promoting Anti-Inflammatory Macrophages Differentiation via PI3K/Akt Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	4.0	46
52	Optimal surgical management of severe ischemic mitral regurgitation: To repair or to replace?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1396-1403.	0.8	45
53	Minimally Invasive Mitral Valve Surgery Provides Excellent Outcomes Without Increased Cost: A Multi-Institutional Analysis. <i>Annals of Thoracic Surgery</i> , 2016, 102, 14-21.	1.3	45
54	Late Operating Room Start Times Impact Mortality and Cost for Nonemergent Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1653-1659.	1.3	44

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55	Ex Vivo lung perfusion with adenosine A2A receptor agonist allows prolonged cold preservation of lungs donated after cardiac death. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 538-546.	0.8	44
56	A cost comparison of heart transplantation versus alternative operations for cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2001, 72, 1298-1305.	1.3	42
57	2015 The American Association for Thoracic Surgery Consensus Guidelines: Ischemic mitral valve regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 940-956.	0.8	42
58	Lower extremity bypass for critical limb ischemia decreases major adverse limb events with equivalent cardiac risk compared with endovascular intervention. <i>Journal of Vascular Surgery</i> , 2017, 66, 1109-1116.e1.	1.1	40
59	Attenuation of Pulmonary Ischemia-Reperfusion Injury by Adenosine A 2B Receptor Antagonism. <i>Annals of Thoracic Surgery</i> , 2016, 102, 385-393.	1.3	39
60	Airway pressure release ventilation during ex Vivo lung perfusion attenuates injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 197-204.	0.8	39
61	Lungs donated after circulatory death and prolonged warm ischemia are transplanted successfully after enhanced ex Vivo lung perfusion using adenosine A2B receptor antagonism. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1811-1820.	0.8	38
62	Keratinocyte Growth Factor Enhances Post-Pneumonectomy Lung Growth by Alveolar Proliferation. <i>Circulation</i> , 2002, 106, .	1.6	38
63	The myocardial infarct-exacerbating effect of cell-free DNA is mediated by the high-mobility group box 1 "receptor for advanced glycation end products" Toll-like receptor 9 pathway. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2256-2269.e3.	0.8	37
64	A Change in Perspective: Results for Ischemic Mitral Valve Repair Are Similar to Mitral Valve Repair for Degenerative Disease. <i>Annals of Thoracic Surgery</i> , 2007, 84, 750-758.	1.3	35
65	The spleen contributes importantly to myocardial infarct exacerbation during post-ischemic reperfusion in mice via signaling between cardiac HMGB1 and splenic RAGE. <i>Basic Research in Cardiology</i> , 2016, 111, 62.	5.9	34
66	Improved outcomes and value in staged hybrid extent II thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2017, 66, 1357-1363.	1.1	34
67	Preoperative left ventricular wall stress, ejection fraction, and aortic valve gradient as prognostic indicators in aortic valve stenosis. <i>Catheterization and Cardiovascular Diagnosis</i> , 1989, 17, 133-143.	0.3	33
68	Concomitant Tricuspid Valve Operations Affect Outcomes After Mitral Operations: A Multiinstitutional, Statewide Analysis. <i>Annals of Thoracic Surgery</i> , 2012, 94, 52-58.	1.3	33
69	Coronary artery bypass grafting bundled payment proposal will have significant financial impact on hospitals. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 182-188.	0.8	32
70	Tissue-derived proinflammatory effect of adenosine A2B receptor in lung ischemia "reperfusion injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 871-877.	0.8	31
71	Natural history of coexistent mitral regurgitation after aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1032-1042.e1.	0.8	30
72	Major adverse limb events and major adverse cardiac events after contemporary lower extremity bypass and infrainguinal endovascular intervention in patients with claudication. <i>Journal of Vascular Surgery</i> , 2018, 68, 1817-1823.	1.1	30

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73	Adenosine A3 Receptor Activation Attenuates Lung Ischemia-Reperfusion Injury. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1762-1767.	1.3	29
74	The challenge of achieving 1% operative mortality for coronary artery bypass grafting: A multi-institution Society of Thoracic Surgeons Database analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2686-2696.	0.8	29
75	Ex Vivo Perfusion With Adenosine A2A Receptor Agonist Enhances Rehabilitation of Murine Donor Lungs After Circulatory Death. <i>Transplantation</i> , 2015, 99, 2494-2503.	1.0	29
76	Donation After Circulatory Death Lungs Transplantable Up to Six Hours After Ex Vivo Lung Perfusion. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1845-1853.	1.3	28
77	Vascular Quality Initiative and National Surgical Quality Improvement Program registries capture different populations and outcomes in open infrainguinal bypass. <i>Journal of Vascular Surgery</i> , 2016, 64, 629-637.	1.1	28
78	Mitral Valve Repair. <i>Surgical Clinics of North America</i> , 2017, 97, 867-888.	1.5	27
79	Adenosine signaling via the adenosine 2B receptor is involved in bronchiolitis obliterans development. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 1405-1414.	0.6	26
80	Cost analysis of endovascular versus open repair in the treatment of thoracic aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2015, 61, 596-603.	1.1	26
81	Surgeon, not institution, case volume is associated with limb outcomes after lower extremity bypass for critical limb ischemia in the Vascular Quality Initiative. <i>Journal of Vascular Surgery</i> , 2017, 66, 1457-1463.	1.1	26
82	2016 update to The American Association for Thoracic Surgery consensus guidelines: Ischemic mitral valve regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 1076-1079.	0.8	25
83	Treatment with placenta-derived mesenchymal stem cells mitigates development of bronchiolitis obliterans in a murine model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1668-1677.e5.	0.8	24
84	Minimally invasive mitral valve surgery is associated with excellent resource utilization, cost, and outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 611-616.e3.	0.8	24
85	Goal-directed resuscitation following cardiac surgery reduces acute kidney injury: A quality initiative pre- and post analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1868-1877.e1.	0.8	24
86	The beating heart approach is not necessary for the dor procedure. <i>Annals of Thoracic Surgery</i> , 2003, 76, 1571-1575.	1.3	23
87	Cardiothoracic surgery training grants provide protected research time vital to the development of academic surgeons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2050-2056.	0.8	23
88	Cardiothoracic and Vascular Surgeons Achieve High Rates of K Award Conversion Into R01 Funding. <i>Annals of Thoracic Surgery</i> , 2018, 106, 602-607.	1.3	23
89	Comprehensive National Institutes of Health funding analysis of academic cardiac surgeons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2326-2335.e3.	0.8	23
90	Postoperative Hypoglycemia Is Associated With Worse Outcomes After Cardiac Operations. <i>Annals of Thoracic Surgery</i> , 2017, 103, 526-532.	1.3	22

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91	Variability and Utilization of Concomitant Atrial Fibrillation Ablation During Mitral Valve Surgery. <i>Annals of Thoracic Surgery</i> , 2021, 111, 29-34.	1.3	22
92	Splenic leukocytes mediate the hyperglycemic exacerbation of myocardial infarct size in mice. <i>Basic Research in Cardiology</i> , 2015, 110, 39.	5.9	21
93	Bundled Payments in Cardiac Surgery: Is Risk Adjustment Sufficient to Make It Feasible?. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1646-1652.	1.3	21
94	Timing of adenosine 2A receptor stimulation relative to reperfusion has differential effects on infarct size and cardiac function as assessed in mice by MRI. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H2328-H2335.	3.2	20
95	Acute Hyperglycemia Abolishes Ischemic Preconditioning by Inhibiting Akt Phosphorylation: Normalizing Blood Glucose before Ischemia Restores Ischemic Preconditioning. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-8.	4.0	20
96	Development and Validation of Procedure-Specific Risk Score for Predicting Postoperative Pulmonary Complication: A NSQIP Analysis. <i>Journal of the American College of Surgeons</i> , 2019, 229, 355-365e3.	0.5	19
97	A New Intraoperative Protocol for Reducing Perioperative Transfusions in Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2017, 104, 176-181.	1.3	18
98	Amiodarone Protocol Provides Cost-Effective Reduction in Postoperative Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1697-1702.	1.3	18
99	Expanding the donor lung pool: how many donation after circulatory death organs are we missing?. <i>Journal of Surgical Research</i> , 2018, 223, 58-63.	1.6	18
100	Increasing circulating sphingosine-1-phosphate attenuates lung injury during ex vivo lung perfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 910-917.	0.8	18
101	Stimulation of the Beta2 Adrenergic Receptor at Reperfusion Limits Myocardial Reperfusion Injury via an Interleukin-10-Dependent Anti-Inflammatory Pathway in the Spleen. <i>Circulation Journal</i> , 2018, 82, 2829-2836.	1.6	18
102	Surgical Care Improvement Project measure for postoperative glucose control should not be used as a measure of quality after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1041-1048.	0.8	17
103	Access to Quaternary Care Surgery: Implications for Accountable Care Organizations. <i>Journal of the American College of Surgeons</i> , 2017, 224, 525-529.	0.5	17
104	Outcomes of Trainees Performing Coronary Artery Bypass Grafting: Does Resident Experience Matter?. <i>Annals of Thoracic Surgery</i> , 2017, 103, 975-981.	1.3	17
105	Ex vivo Lung Perfusion Rehabilitates Sepsis-Induced Lung Injury. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1723-1729.	1.3	16
106	Modifiable Factors Leading to Increased Length of Stay after Carotid Endarterectomy. <i>Annals of Vascular Surgery</i> , 2017, 39, 195-203.	0.9	16
107	Adenosine A2A receptor agonist (regadenoson) in human lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 563-570.	0.6	16
108	Getting promoted. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, S17-S18.	0.8	15

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109	InÂvivo lung perfusion rehabilitates sepsis-induced lung injury. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 440-448.e2.	0.8	15
110	Preoperative Î²-blocker use correlates with worse outcomes in patients undergoing aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 1589-1597.e3.	0.8	15
111	Rapamycin prevents bronchiolitis obliterans through increasing infiltration of regulatory BÂcells in a murine tracheal transplantation model. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 487-496.e3.	0.8	14
112	Does Preoperative Troponin Level ImpactÂOutcomes After Coronary Artery Bypass Grafting?. Annals of Thoracic Surgery, 2018, 106, 46-51.	1.3	14
113	Risk Aversion in Cardiac Surgery: 15-Year Trends in a Statewide Analysis. Annals of Thoracic Surgery, 2020, 109, 1401-1407.	1.3	14
114	Reduced-flow ex vivo lung perfusion to rehabilitate lungs donated after circulatory death. Journal of Heart and Lung Transplantation, 2020, 39, 74-82.	0.6	14
115	Meaningful Patient-centered Outcomes 1 Year Following Cardiac Surgery. Annals of Surgery, 2021, 273, e247-e254.	4.2	14
116	Resident Awareness of Documentation Requirements and Reimbursement: AÂMulti-Institutional Survey. Annals of Thoracic Surgery, 2014, 97, 858-864.	1.3	13
117	Severe ischemic mitral regurgitation: Repair or replace?. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 1425-1427.	0.8	13
118	Pulsed ultrasound attenuates the hyperglycemic exacerbation of myocardial ischemiaâ€“reperfusion injury. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, e297-e306.	0.8	13
119	Planned Cardiac Reexploration in the Intensive Care Unit Is a Safe Procedure. Annals of Thoracic Surgery, 2014, 98, 1645-1652.	1.3	12
120	The History of Incidentally Discovered Penetrating Aortic Ulcers of the Abdominal Aorta. Annals of Vascular Surgery, 2016, 31, 8-17.	0.9	12
121	Barriers to atrial fibrillation ablation during mitral valve surgery. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 650-658.e1.	0.8	12
122	Plasmacytoid Dendritic Cells Mediate Myocardial Ischemia/Reperfusion Injury by Secreting Type I Interferons. Journal of the American Heart Association, 2021, 10, e020754.	3.7	12
123	Adenosine 2A Receptor Activation Attenuates Ischemia Reperfusion Injury During Extracorporeal Cardiopulmonary Resuscitation. Annals of Surgery, 2019, 269, 1176-1183.	4.2	11
124	The National Institutes of Health funding for cardiothoracic surgical research. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 398-399.	0.8	10
125	Subvalvular techniques to optimize surgical repair of ischemic mitral regurgitation. Current Opinion in Cardiology, 2014, 29, 140-144.	1.8	10
126	Patient-prosthesis mismatch: surgical aortic valve replacement versus transcatheter aortic valve replacement in high risk patients with aortic stenosis. Journal of Thoracic Disease, 2016, 8, E1441-E1443.	1.4	10



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127	Ex Vivo Assessment of Porcine Donation After Circulatory Death Lungs That Undergo Increasing Warm Ischemia Times. <i>Transplantation Direct</i> , 2018, 4, e405.	1.6	10
128	Infarct-Sparing Effect of Adenosine A2B Receptor Agonist Is Primarily Due to Its Action on Splenic Leukocytes Via a PI3K/Akt/IL-10 Pathway. <i>Journal of Surgical Research</i> , 2018, 232, 442-449.	1.6	10
129	Cost-Effectiveness of Mitral Valve Repair Versus Replacement for Severe Ischemic Mitral Regurgitation. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, .	2.2	10
130	National Utilization and Outcomes of Redo Lower Extremity Bypass versus Endovascular Intervention after a Previous Failed Bypass. <i>Annals of Vascular Surgery</i> , 2018, 47, 18-23.	0.9	9
131	SPECT imaging of lung ischemia-reperfusion injury using [ <sup>99m</sup> Tc]cFLFLF for molecular targeting of formyl peptide receptor 1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L304-L313.	2.9	9
132	Gastrointestinal Complications After Cardiac Surgery: Highly Morbid but Improving Over Time. <i>Journal of Surgical Research</i> , 2020, 254, 306-313.	1.6	9
133	Repair or replace for severe ischemic mitral regurgitation: prospective randomized multicenter data. <i>Annals of Cardiothoracic Surgery</i> , 2015, 4, 411-6.	1.7	9
134	Prevention of the second stage of epithelial loss is a potential novel treatment for bronchiolitis obliterans. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 940-947.e1.	0.8	8
135	The influence of a percutaneous mitral repair program on surgical mitral valve volume. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1093-1097.	0.8	8
136	Bedside-to-Bench and Back Again: Surgeon-Initiated Translational Research. <i>Annals of Thoracic Surgery</i> , 2018, 105, 10-11.	1.3	8
137	Travel distance and regional access to cardiac valve surgery. <i>Journal of Cardiac Surgery</i> , 2019, 34, 1044-1048.	0.7	8
138	Can Lung Transplant Surgeons Still Be Scientists? High Productivity Despite Competitive Funding. <i>Heart Surgery Forum</i> , 2019, 22, E001-E007.	0.5	8
139	Decubitus ulcers in patients undergoing vascular operations do not influence mortality but affect resource utilization. <i>Surgery</i> , 2017, 161, 1720-1727.	1.9	7
140	Cost-effectiveness of coronary artery bypass grafting plus mitral valve repair versus coronary artery bypass grafting alone for moderate ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2230-2240.e15.	0.8	7
141	Persistent cognitive deficits and neuroinflammation in a rat model of cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, e185-e188.	0.8	7
142	The best approach to repair anomalous origin of the right coronary artery. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 290-290.	1.4	6
143	We need a better way to repair ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 428.	0.8	6
144	Repairing the mitral subvalvular apparatus: The new frontier. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 284-285.	0.8	6

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145	Impact of Complications After Cardiac Operation on One-Year Patient-Reported Outcomes. <i>Annals of Thoracic Surgery</i> , 2020, 109, 43-48.	1.3	6
146	A 30-year analysis of National Institutes of Health-funded cardiac transplantation research: Surgeons lead the way. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1757-1765.e1.	0.8	6
147	Steen solution protects pulmonary microvascular endothelial cells and preserves endothelial barrier after lipopolysaccharide-induced injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, e5-e20.	0.8	6
148	Cardiothoracic Surgical Trials Network: Evidence-based surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 28-29.	0.8	5
149	The natural history of penetrating ulcers of the iliac arteries. <i>Journal of Vascular Surgery</i> , 2016, 63, 399-406.	1.1	5
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