Irving L Kron

List of Publications by Year in Descending Order

185 papers	6,461 citations	40 h-index	75 g-index
205 ext. papers	7,856 ext. citations	3.7 avg, IF	5.54 L-index

#	Paper	IF	Citations
185	Commentary: Extracardiac conduit-total cavopulmonary connection for heterotaxy-Is going the "extra" mile worth it?. *Journal of Cardiac Surgery*, **2022**,	1.3	
184	Commentary: Another layer to the "PPM conundrum".. *Journal of Cardiac Surgery*, **2022**,	1.3	
183	Commentary: Thinking inside and outside of the box with intraextracardiac Fontan.. *Journal of Cardiac Surgery*, **2022**,	1.3	
182	Effect of Cardiac Surgery on One-Year Patient-Reported Outcomes: A Prospective Cohort Study. *Annals of Thoracic Surgery*, **2021**, 112, 1410-1416	2.7	1
181	Commentary: Correlation of coronary and valve procedure outcomes between centers. *Journal of Cardiac Surgery*, **2021**, 36, 659-660	1.3	
180	Meaningful Patient-centered Outcomes 1 Year Following Cardiac Surgery. *Annals of Surgery*, **2021**, 273, e247-e254	7.8	10
179	A 30-year analysis of National Institutes of Health-funded cardiac transplantation research: Surgeons lead the way. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 162, 1757-1765.e1	1.5	4
178	Barriers to atrial fibrillation ablation during mitral valve surgery. *Journal of Thoracic and Cardiovascular Surgery*, **2021**,	1.5	4
177	Commentary: Planes, trains, and automobiles-Effective use of prolonged ex vivo heart preservation. *Journal of Cardiac Surgery*, **2021**, 36, 2596-2597	1.3	
176	Two Hours of In Vivo Lung Perfusion Improves Lung Function in Sepsis-Induced Acute Respiratory Distress Syndrome. *Seminars in Thoracic and Cardiovascular Surgery*, **2021**,	1.7	1
175	Commentary: Malpractice in heart transplantation. *Journal of Cardiac Surgery*, **2021**, 36, 2791-2792	1.3	
174	Commentary: When will the robots come marching in?. *Journal of Cardiac Surgery*, **2021**, 36, 3193-3194	1.3	
173	Commentary: Getting in the zone: Thoracic endovascular aortic repair safety in Ishimaru zones 0 and 1. *JTCVS Techniques*, **2021**, 7, 7-8	0.2	
172	Mixed type TAPVR-Measure twice, cut once. *Journal of Cardiac Surgery*, **2021**, 36, 2954-2955	1.3	
171	Variability and Utilization of Concomitant Atrial Fibrillation Ablation During Mitral Valve Surgery. *Annals of Thoracic Surgery*, **2021**, 111, 29-34	2.7	9
170	Commentary: Litigation risk in congenital cardiac surgery. *Journal of Cardiac Surgery*, **2021**, 36, 143-144	1.3	2
169	Pulsed ultrasound attenuates the hyperglycemic exacerbation of myocardial ischemia-reperfusion injury. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 161, e297-e306	1.5	6

168	Commentary: Predictors of postoperative adverse events after cone reconstruction for Ebstein's anomaly. *Journal of Cardiac Surgery*, **2021**, 36, 1018-1019	1.3	
167	Reply: Subvalvular Repair for Ischemic Mitral Regurgitation: Setting up the Endgame. *JTCVS Open*, **2021**,	0.2	
166	Plasmacytoid Dendritic Cells Mediate Myocardial Ischemia/Reperfusion Injury by Secreting Type I Interferons. *Journal of the American Heart Association*, **2021**, 10, e020754	6	1
165	Commentary: Cardiothoracic surgery training made SIMPL. *Journal of Cardiac Surgery*, **2021**, 36, 4688-4689	1.3	
164	Commentary: The challenges of propensity score matching in cardiac surgery.. *Journal of Cardiac Surgery*, **2021**,	1.3	
163	Gastrointestinal Complications After Cardiac Surgery: Highly Morbid but Improving Over Time. *Journal of Surgical Research*, **2020**, 254, 306-313	2.5	3
162	Adenosine A2A receptor agonist (regadenoson) in human lung transplantation. *Journal of Heart and Lung Transplantation*, **2020**, 39, 563-570	5.8	4
161	Mortality After Repeat Revascularization Following PCI or CABG for Left Main Disease: The EXCEL Trial. *JACC: Cardiovascular Interventions*, **2020**, 13, 375-387	5	26
160	Commentary: Superior vena cava reconstruction techniques. *JTCVS Techniques*, **2020**, 4, 187-188	0.2	0
159	Reduced-flow ex vivo lung perfusion to rehabilitate lungs donated after circulatory death. *Journal of Heart and Lung Transplantation*, **2020**, 39, 74-82	5.8	3
158	Persistent cognitive deficits and neuroinflammation in a rat model of cardiopulmonary bypass. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 160, e185-e188	1.5	3
157	SPECT imaging of lung ischemia-reperfusion injury using [Tc]cFLFLF for molecular targeting of formyl peptide receptor 1. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 318, L304-L313	5.8	5
156	Commentary: The over and under on ischemic mitral regurgitation repair. *Journal of Thoracic and Cardiovascular Surgery*, **2020**,	1.5	
155	Isolated Lung Perfusion in the Management of Acute Respiratory Distress Syndrome. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
154	Commentary: Cervical aortic arch repair-an overarching success. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 2214-2215	1.5	1
153	Risk Aversion in Cardiac Surgery: 15-Year Trends in a Statewide Analysis. *Annals of Thoracic Surgery*, **2020**, 109, 1401-1407	2.7	6
152	Impact of Complications After Cardiac Operation on One-Year Patient-Reported Outcomes. *Annals of Thoracic Surgery*, **2020**, 109, 43-48	2.7	4
151	Comprehensive National Institutes of Health funding analysis of academic cardiac surgeons. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 2326-2335.e3	1.5	13

150	Cost-effectiveness of coronary artery bypass grafting plus mitral valve repair versus coronary artery bypass grafting alone for moderate ischemic mitral regurgitation. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 2230-2240.e15	1.5	4
149	Goal-directed resuscitation following cardiac surgery reduces acute kidney injury: A quality initiative pre-post analysis. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 1868-1877.e1	1.5	10
148	Development and Validation of Procedure-Specific Risk Score for Predicting Postoperative Pulmonary Complication: A NSQIP Analysis. *Journal of the American College of Surgeons*, **2019**, 229, 355-365.e3	4.4	9
147	Socioeconomic Distressed Communities Index Predicts Risk-Adjusted Mortality After Cardiac Surgery. *Annals of Thoracic Surgery*, **2019**, 107, 1706-1712	2.7	24
146	Preoperative -blocker use correlates with worse outcomes in patients undergoing aortic valve replacement. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 158, 1589-1597.e3	1.5	11
145	Travel distance and regional access to cardiac valve surgery. *Journal of Cardiac Surgery*, **2019**, 34, 1044-1048	1.3	3
144	Can Lung Transplant Surgeons Still Be Scientists? High Productivity Despite Competitive Funding. *Heart Surgery Forum*, **2019**, 22, E001-E007	0.7	5
143	Determining Which Prosthetic to Use During Aortic Valve Replacement in Patients Aged Younger than 70 Years: A Systematic Review of the Literature. *Heart Surgery Forum*, **2019**, 22, E070-E081	0.7	2
142	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. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 157, 2256-2269.e3	1.5	24
141	One-Year Outcomes After MitraClip for Functional Mitral Regurgitation. *Circulation*, **2019**, 139, 37-47	16.7	56
140	Adenosine 2A Receptor Activation Attenuates Ischemia Reperfusion Injury During Extracorporeal Cardiopulmonary Resuscitation. *Annals of Surgery*, **2019**, 269, 1176-1183	7.8	7
139	Need for Permanent Pacemaker After Surgical Aortic Valve Replacement Reduces Long-Term Survival. *Annals of Thoracic Surgery*, **2018**, 106, 460-465	2.7	38
138	Minimally invasive mitral valve surgery is associated with excellent resource utilization, cost, and outcomes. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 156, 611-616.e3	1.5	15
137	Surgeon Scientists Are Disproportionately Affected by Declining NIH Funding Rates. *Journal of the American College of Surgeons*, **2018**, 226, 474-481	4.4	52
136	Amiodarone Protocol Provides Cost-Effective Reduction in Postoperative Atrial Fibrillation. *Annals of Thoracic Surgery*, **2018**, 105, 1697-1702	2.7	11
135	Cost of individual complications following coronary artery bypass grafting. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 875-882.e1	1.5	40
134	Expanding the donor lung pool: how many donations after circulatory death organs are we missing?. *Journal of Surgical Research*, **2018**, 223, 58-63	2.5	12
133	Coronary artery bypass grafting bundled payment proposal will have significant financial impact on hospitals. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 182-188	1.5	18

132	Cardiothoracic surgery training grants provide protected research time vital to the development of academic surgeons. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 2050-2056	1.5	15
131	Cardiothoracic and Vascular Surgeons Achieve High Rates of K Award Conversion Into R01 Funding. *Annals of Thoracic Surgery*, **2018**, 106, 602-607	2.7	16
130	Increasing circulating sphingosine-1-phosphate attenuates lung injury during ex‐vivo lung perfusion. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 156, 910-917	1.5	13
129	Development of a Risk Prediction Model and Clinical Risk Score for Isolated Tricuspid Valve Surgery. *Annals of Thoracic Surgery*, **2018**, 106, 129-136	2.7	43
128	Does Preoperative Troponin Level Impact Outcomes After Coronary Artery Bypass Grafting?. *Annals of Thoracic Surgery*, **2018**, 106, 46-51	2.7	11
127	Loss of Medicaid insurance after successful bariatric surgery: an unintended outcome. *Surgical Endoscopy and Other Interventional Techniques*, **2018**, 32, 212-216	5.2	3
126	In‐vivo lung perfusion rehabilitates sepsis-induced lung injury. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 440-448.e2	1.5	8
125	National Utilization and Outcomes of Redo Lower Extremity Bypass versus Endovascular Intervention after a Previous Failed Bypass. *Annals of Vascular Surgery*, **2018**, 47, 18-23	1.7	6
124	Pannexin-1 channels on endothelial cells mediate vascular inflammation during lung ischemia-reperfusion injury. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2018**, 315, L301-L312	5.8	49
123	Left Main Revascularization With PCI or CABG in Patients With Chronic Kidney Disease: EXCEL Trial. *Journal of the American College of Cardiology*, **2018**, 72, 754-765	15.1	39
122	Infarct-Sparing Effect of Adenosine A2B Receptor Agonist Is Primarily Due to Its Action on Splenic Leukocytes Via a PI3K/Akt/IL-10 Pathway. *Journal of Surgical Research*, **2018**, 232, 442-449	2.5	9
121	Cost-Effectiveness of Mitral Valve Repair Versus Replacement for Severe Ischemic Mitral Regurgitation. *Circulation: Cardiovascular Quality and Outcomes*, **2018**, 11,	5.8	5
120	Contemporary outcomes in reoperative mitral valve surgery. *Heart*, **2018**, 104, 652-656	5.1	62
119	Ex Vivo Assessment of Porcine Donation After Circulatory Death Lungs That Undergo Increasing Warm Ischemia Times. *Transplantation Direct*, **2018**, 4, e405	2.3	7
118	Major adverse limb events and major adverse cardiac events after contemporary lower extremity bypass and infrainguinal endovascular intervention in patients with claudication. *Journal of Vascular Surgery*, **2018**, 68, 1817-1823	3.5	12
117	Stimulation of the Beta2 Adrenergic Receptor at Reperfusion Limits Myocardial Reperfusion Injury via an Interleukin-10-Dependent Anti-Inflammatory Pathway in the Spleen. *Circulation Journal*, **2018**, 82, 2829-2836	2.9	11
116	Access to Quaternary Care Surgery: Implications for Accountable Care Organizations. *Journal of the American College of Surgeons*, **2017**, 224, 525-529	4.4	14
115	2016 update to The American Association for Thoracic Surgery consensus guidelines: Ischemic mitral valve regurgitation. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, 1076-1079	1.5	21

114	A New Intraoperative Protocol for Reducing Perioperative Transfusions in Cardiac Surgery. *Annals of Thoracic Surgery*, **2017**, 104, 176-181	2.7	13
113	Outcomes of Trainees Performing Coronary Artery Bypass Grafting: Does Resident Experience Matter?. *Annals of Thoracic Surgery*, **2017**, 103, 975-981	2.7	10
112	2016 update to The American Association for Thoracic Surgery (AATS) consensus guidelines: Ischemic mitral valve regurgitation. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, e97-e114	1.5	31
111	Ex Vivo Lung Perfusion Rehabilitates Sepsis-Induced Lung Injury. *Annals of Thoracic Surgery*, **2017**, 103, 1723-1729	2.7	12
110	Lungs donated after circulatory death and prolonged warm ischemia are transplanted successfully after enhanced ex vivo lung perfusion using adenosine A2B receptor antagonism. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 154, 1811-1820	1.5	28
109	Improved outcomes and value in staged hybrid extent II thoracoabdominal aortic aneurysm repair. *Journal of Vascular Surgery*, **2017**, 66, 1357-1363	3.5	23
108	Methylene Blue for Vasoplegic Syndrome After Cardiac Operation: Early Administration Improves Survival. *Annals of Thoracic Surgery*, **2017**, 104, 36-41	2.7	44
107	Impact of Medicaid Expansion on Cardiac Surgery Volume and Outcomes. *Annals of Thoracic Surgery* , **2017**, 104, 1251-1258	2.7	32
106	Decubitus ulcers in patients undergoing vascular operations do not influence mortality but affect resource utilization. *Surgery*, **2017**, 161, 1720-1727	3.6	4
105	Response by Capoulade et al to Letter Regarding Article, "Impact of Left Ventricular to Mitral Valve Ring Mismatch on Recurrent Ischemic Mitral Regurgitation After Ring Annuloplasty". *Circulation*, **2017**, 135, e785-e786	16.7	
104	Predicting recurrent mitral regurgitation after mitral valve repair: A difficult endeavor and a necessity. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, 145-146	1.5	
103	Management of Ebstein's anomaly. *Annals of Cardiothoracic Surgery*, **2017**, 6, 266-269	4.7	5
102	Which ischemic mitral valves should be repaired and how? Time will tell. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 154, 833	1.5	1
101	Mitral Valve Repair: The French Correction Versus the American Correction. *Surgical Clinics of North America*, **2017**, 97, 867-888	4	17
100	Surgeon, not institution, case volume is associated with limb outcomes after lower extremity bypass for critical limb ischemia in the Vascular Quality Initiative. *Journal of Vascular Surgery*, **2017**, 66, 1457-1463	3.5	17
99	Lower extremity bypass for critical limb ischemia decreases major adverse limb events with equivalent cardiac risk compared with endovascular intervention. *Journal of Vascular Surgery*, **2017**, 66, 1109-1116.e1	3.5	32
98	Modifiable Factors Leading to Increased Length of Stay after Carotid Endarterectomy. *Annals of Vascular Surgery*, **2017**, 39, 195-203	1.7	11
97	Postoperative Hypoglycemia Is Associated With Worse Outcomes After Cardiac Operations. *Annals of Thoracic Surgery*, **2017**, 103, 526-532	2.7	12

96	Airway pressure release ventilation during ex vivo lung perfusion attenuates injury. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, 197-204	1.5	25
95	Pre-implant left ventricular apex position predicts risk of HeartMate II pump thrombosis. *Journal of Cardiac Surgery*, **2017**, 32, 837-842	1.3	4
94	Mesenchymal stromal cell-derived extracellular vesicles attenuate lung ischemia-reperfusion injury and enhance reconditioning of donor lungs after circulatory death. *Respiratory Research*, **2017**, 18, 212	7.3	80
93	Subvalvular Techniques for Ischemic Mitral Regurgitation **2017**, 87-93		
92	The natural history of penetrating ulcers of the iliac arteries. *Journal of Vascular Surgery*, **2016**, 63, 399-406	3.9	4
91	Ex vivo lung perfusion with adenosine A2A receptor agonist allows prolonged cold preservation of lungs donated after cardiac death. *Journal of Thoracic and Cardiovascular Surgery*, **2016**, 151, 538-45	1.5	35
90	Vascular Quality Initiative and National Surgical Quality Improvement Program registries capture different populations and outcomes in open infrainguinal bypass. *Journal of Vascular Surgery*, **2016**, 64, 629-37	3.5	18
89	The spleen contributes importantly to myocardial infarct exacerbation during post-ischemic reperfusion in mice via signaling between cardiac HMGB1 and splenic RAGE. *Basic Research in Cardiology*, **2016**, 111, 62	11.8	24
88	Impact of Left Ventricular to Mitral Valve Ring Mismatch on Recurrent Ischemic Mitral Regurgitation After Ring Annuloplasty. *Circulation*, **2016**, 134, 1247-1256	16.7	45
87	NOX2 Activation of Natural Killer T Cells Is Blocked by the Adenosine A2A Receptor to Inhibit Lung Ischemia-Reperfusion Injury. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 988-99	10.2	41
86	The History of Incidentally Discovered Penetrating Aortic Ulcers of the Abdominal Aorta. *Annals of Vascular Surgery*, **2016**, 31, 8-17	1.7	8
85	2015 The American Association for Thoracic Surgery Consensus Guidelines: Ischemic mitral valve regurgitation. *Journal of Thoracic and Cardiovascular Surgery*, **2016**, 151, 940-56	1.5	33
84	Two-Year Outcomes of Surgical Treatment of Severe Ischemic Mitral Regurgitation. *New England Journal of Medicine*, **2016**, 374, 344-53	59.2	491
83	Rapamycin prevents bronchiolitis obliterans through increasing infiltration of regulatory B cells in a murine tracheal transplantation model. *Journal of Thoracic and Cardiovascular Surgery*, **2016**, 151, 487-96.e3	1.5	12
82	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	2.6	8
81	Premature Bioprosthetic Aortic Valve Degeneration Associated with Allergy to Galactose-Alpha-1,3-Galactose. *Journal of Cardiac Surgery*, **2016**, 31, 446-8	1.3	40
80	Natural history of coexistent mitral regurgitation after aortic valve replacement. *Journal of Thoracic and Cardiovascular Surgery*, **2016**, 151, 1032-9, 1042.e1	1.5	18
79	Minimally Invasive Mitral Valve Surgery Provides Excellent Outcomes Without Increased Cost: A Multi-Institutional Analysis. *Annals of Thoracic Surgery*, **2016**, 102, 14-21	2.7	34

78	Attenuation of Pulmonary Ischemia-Reperfusion Injury by Adenosine A2B Receptor Antagonism. *Annals of Thoracic Surgery*, **2016**, 102, 385-393	2.7	32
77	Donation After Circulatory Death Lungs Transplantable Up to Six Hours After Ex Vivo Lung Perfusion. *Annals of Thoracic Surgery*, **2016**, 102, 1845-1853	2.7	24
76	Cost analysis of endovascular versus open repair in the treatment of thoracic aortic aneurysms. *Journal of Vascular Surgery*, **2015**, 61, 596-603	3.5	21
75	Minimally invasive aortic valve replacement provides equivalent outcomes at reduced cost compared with conventional aortic valve replacement: A real-world multi-institutional analysis. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 149, 1060-5	1.5	60
74	Late Operating Room Start Times Impact Mortality and Cost for Nonemergent Cardiac Surgery. *Annals of Thoracic Surgery*, **2015**, 100, 1653-8; discussion 1658-9	2.7	31
73	Invited commentary. *Annals of Thoracic Surgery*, **2015**, 99, 845-6	2.7	
72	Standardization of care: impact of an enhanced recovery protocol on length of stay, complications, and direct costs after colorectal surgery. *Journal of the American College of Surgeons*, **2015**, 220, 430-43	4.4	276
71	Severe ischemic mitral regurgitation: Repair or replace?. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 150, 1425-7	1.5	6
70	The influence of a percutaneous mitral repair program on surgical mitral valve volume. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 150, 1093-7	1.5	5
69	Splenic leukocytes mediate the hyperglycemic exacerbation of myocardial infarct size in mice. *Basic Research in Cardiology*, **2015**, 110, 39	11.8	15
68	Bundled Payments in Cardiac Surgery: Is Risk Adjustment Sufficient to Make It Feasible?. *Annals of Thoracic Surgery*, **2015**, 100, 1646-52; discussion 1652	2.7	16
67	Ex Vivo Perfusion With Adenosine A2A Receptor Agonist Enhances Rehabilitation of Murine Donor Lungs After Circulatory Death. *Transplantation*, **2015**, 99, 2494-503	1.8	23
66	Adenosine 2B Receptor Activation Reduces Myocardial Reperfusion Injury by Promoting Anti-Inflammatory Macrophages Differentiation via PI3K/Akt Pathway. *Oxidative Medicine and Cellular Longevity*, **2015**, 2015, 585297	6.7	40
65	Sphingosine-1-phosphate receptor 1 agonism attenuates lung ischemia-reperfusion injury. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 308, L1245-52	5.8	37
64	We need a better way to repair ischemic mitral regurgitation. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 150, 428	1.5	5
63	Predicting recurrent mitral regurgitation after mitral valve repair for severe ischemic mitral regurgitation. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 149, 752-61.e1	1.5	145
62	Repair or replace for severe ischemic mitral regurgitation: prospective randomized multicenter data. *Annals of Cardiothoracic Surgery*, **2015**, 4, 411-6	4.7	8
61	Papillary Muscle Relocation **2015**, 105-108		

60	Mitral-valve repair versus replacement for severe ischemic mitral regurgitation. *New England Journal of Medicine*, **2014**, 370, 23-32	59.2	593
59	Planned cardiac reexploration in the intensive care unit is a safe procedure. *Annals of Thoracic Surgery*, **2014**, 98, 1645-51; discussion 1651-2	2.7	8
58	Surgical treatment of moderate ischemic mitral regurgitation. *New England Journal of Medicine*, **2014**, 371, 2178-88	59.2	269
57	Postoperative atrial fibrillation significantly increases mortality, hospital readmission, and hospital costs. *Annals of Thoracic Surgery*, **2014**, 98, 527-33; discussion 533	2.7	152
56	Management practices and major infections after cardiac surgery. *Journal of the American College of Cardiology*, **2014**, 64, 372-81	15.1	87
55	Mitral valve repair rates correlate with surgeon and institutional experience. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 995-1003; discussion 1003-4	1.5	45
54	Surgical Care Improvement Project measure for postoperative glucose control should not be used as a measure of quality after cardiac surgery. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 147, 1041-8	1.5	10
53	Resident awareness of documentation requirements and reimbursement: a multi-institutional survey. *Annals of Thoracic Surgery*, **2014**, 97, 858-64; discussion 864	2.7	9
52	Hospital variation in mortality from cardiac arrest after cardiac surgery: an opportunity for improvement?. *Annals of Thoracic Surgery*, **2014**, 98, 534-9; discussion 539-40	2.7	41
51	Multicenter evaluation of high-risk mitral valve operations: implications for novel transcatheter valve therapies. *Annals of Thoracic Surgery*, **2014**, 98, 2032-7; dicussion 2037-8	2.7	3
50	The challenge of achieving 1% operative mortality for coronary artery bypass grafting: a multi-institution Society of Thoracic Surgeons Database analysis. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 2686-96	1.5	23
49	Subvalvular techniques to optimize surgical repair of ischemic mitral regurgitation. *Current Opinion in Cardiology*, **2014**, 29, 140-4	2.1	9
48	Treatment with placenta-derived mesenchymal stem cells mitigates development of bronchiolitis obliterans in a murine model. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 147, 1668-1677.e5	1.5	21
47	Adenosine A3 receptor activation attenuates lung ischemia-reperfusion injury. *Annals of Thoracic Surgery*, **2013**, 95, 1762-7	2.7	27
46	Short-course rapamycin treatment preserves airway epithelium and protects against bronchiolitis obliterans. *Annals of Thoracic Surgery*, **2013**, 96, 464-72	2.7	2
45	Prevention of the second stage of epithelial loss is a potential novel treatment for bronchiolitis obliterans. *Journal of Thoracic and Cardiovascular Surgery*, **2013**, 145, 940-947.e1	1.5	7
44	Acute hyperglycemia abolishes ischemic preconditioning by inhibiting Akt phosphorylation: normalizing blood glucose before ischemia restores ischemic preconditioning. *Oxidative Medicine and Cellular Longevity*, **2013**, 2013, 329183	6.7	19
43	Concomitant tricuspid valve operations affect outcomes after mitral operations: a multiinstitutional, statewide analysis. *Annals of Thoracic Surgery*, **2012**, 94, 52-7; discussion 58	2.7	22

42	Optimal surgical management of severe ischemic mitral regurgitation: to repair or to replace?. *Journal of Thoracic and Cardiovascular Surgery*, **2012**, 143, 1396-403	1.5	32
41	Invited commentary. *Annals of Thoracic Surgery*, **2012**, 94, 972-3	2.7	
40	Ex vivo rehabilitation of non-heart-beating donor lungs in preclinical porcine model: delayed perfusion results in superior lung function. *Journal of Thoracic and Cardiovascular Surgery*, **2012**, 144, 1208-15	1.5	59
39	Primary payer status is associated with mortality and resource utilization for coronary artery bypass grafting. *Circulation*, **2012**, 126, S132-9	16.7	50
38	The best approach to repair anomalous origin of the right coronary artery. *European Journal of Cardio-thoracic Surgery*, **2012**, 41, 290	3	5
37	Natural killer T cell-derived IL-17 mediates lung ischemia-reperfusion injury. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 183, 1539-49	10.2	87
36	Cardiothoracic surgery and the National Institutes of Health and National Heart, Lung, and Blood Institute. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 142, 20-3	1.5	2
35	Surgical mentorship. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 142, 489-92	1.5	47
34	Pretreatment strategy with adenosine A2A receptor agonist attenuates reperfusion injury in a preclinical porcine lung transplantation model. *Journal of Thoracic and Cardiovascular Surgery*, **2011**, 142, 887-94	1.5	40
33	Primary payer status affects outcomes for cardiac valve operations. *Journal of the American College of Surgeons*, **2011**, 212, 759-67	4.4	52
32	Adenosine A2A agonist improves lung function during ex vivo lung perfusion. *Annals of Thoracic Surgery*, **2011**, 92, 1840-6	2.7	53
31	Adenosine signaling via the adenosine 2B receptor is involved in bronchiolitis obliterans development. *Journal of Heart and Lung Transplantation*, **2010**, 29, 1405-14	5.8	26
30	Adenosine A2A receptor activation on CD4+ T lymphocytes and neutrophils attenuates lung ischemia-reperfusion injury. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 139, 474-82	1.5	54
29	Tissue-derived proinflammatory effect of adenosine A2B receptor in lung ischemia-reperfusion injury. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 140, 871-7	1.5	30
28	Shortage of cardiothoracic surgeons is likely by 2020. *Circulation*, **2009**, 120, 488-94	16.7	125
27	Invited commentary. *Annals of Thoracic Surgery*, **2009**, 88, 504-5	2.7	
26	Additive protection against lung ischemia-reperfusion injury by adenosine A2A receptor activation before procurement and during reperfusion. *Journal of Thoracic and Cardiovascular Surgery*, **2008**, 135, 156-65	1.5	47
25	The National Institutes of Health funding for cardiothoracic surgical research. *Journal of Thoracic and Cardiovascular Surgery*, **2008**, 136, 398-399	1.5	9

24	Timing of adenosine 2A receptor stimulation relative to reperfusion has differential effects on infarct size and cardiac function as assessed in mice by MRI. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H2328-35	5.2	17
23	Anomalous origin of the right coronary artery: right internal thoracic artery to right coronary artery bypass is not the answer. *Journal of Thoracic and Cardiovascular Surgery*, **2007**, 133, 456-60	1.5	68
22	A change in perspective: results for ischemic mitral valve repair are similar to mitral valve repair for degenerative disease. *Annals of Thoracic Surgery*, **2007**, 84, 750-7; discussion 758	2.7	30
21	Reevaluating the need for left subclavian artery revascularization with thoracic endovascular aortic repair. *Annals of Thoracic Surgery*, **2007**, 84, 1201-5; discussion 1205	2.7	74
20	Cardiac Surgery in Patients with Drug Eluting Stents: The Risk of Stopping Clopidogrel. *Clinical Medicine Cardiology*, **2007**, 1, CMC.S340		
19	Changes in thoracic surgery training. *American Surgeon*, **2007**, 73, 155-6	0.8	3
18	Alveolar macrophage activation is a key initiation signal for acute lung ischemia-reperfusion injury. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2006**, 291, L1018-26	5.8	144
17	Mixter lecture: changing clinical practice in surgery. *Archives of Surgery (Chicago, Ill: 1920)*, **2005**, 140, 368-70		1
16	Adenosine A2A receptor activation reduces inflammation and preserves pulmonary function in an in vivo model of lung transplantation. *Journal of Thoracic and Cardiovascular Surgery*, **2005**, 129, 1137-43	1.5	61
15	Coronary artery bypass with ventricular restoration is superior to coronary artery bypass alone in patients with ischemic cardiomyopathy. *Journal of Thoracic and Cardiovascular Surgery*, **2004**, 127, 428-34	1.5	73
14	Mitral repair is superior to replacement when associated with coronary artery disease. *Annals of Surgery*, **2004**, 239, 671-5; discussion 675-7	7.8	60
13	The beating heart approach is not necessary for the Dor procedure. *Annals of Thoracic Surgery*, **2003**, 76, 1571-4; discussion 1574-5	2.7	17
12	SUS extramural educational loan repayment for physicians/scientists. *Surgery*, **2002**, 132, 786	3.6	
11	Ischemia-reperfusion injury after lung transplantation increases risk of late bronchiolitis obliterans syndrome. *Annals of Thoracic Surgery*, **2002**, 73, 1041-7; discussion 1047-8	2.7	214
10	Surgical relocation of the posterior papillary muscle in chronic ischemic mitral regurgitation. *Annals of Thoracic Surgery*, **2002**, 74, 600-1	2.7	268
9	Keratinocyte Growth Factor Enhances Post-Pneumonectomy Lung Growth by Alveolar Proliferation. *Circulation*, **2002**, 106,	16.7	20
8	Lung transplant reperfusion injury involves pulmonary macrophages and circulating leukocytes in a biphasic response. *Journal of Thoracic and Cardiovascular Surgery*, **2001**, 121, 1069-75	1.5	118
7	Getting promoted. *Journal of Thoracic and Cardiovascular Surgery*, **2001**, 121, S17-8	1.5	11

6	Pulmonary macrophages are involved in reperfusion injury after lung transplantation. *Annals of Thoracic Surgery*, **2001**, 71, 1134-8; discussion 1138-9	2.7	41
5	A cost comparison of heart transplantation versus alternative operations for cardiomyopathy. *Annals of Thoracic Surgery*, **2001**, 72, 1298-305	2.7	34
4	Reperfusion injury significantly impacts clinical outcome after pulmonary transplantation. *Annals of Thoracic Surgery*, **2000**, 69, 1681-5	2.7	277
3	Predicting survival after coronary revascularization for ischemic cardiomyopathy. *Annals of Thoracic Surgery*, **1995**, 60, 1193-6; discussion 1196-7	2.7	61
2	Preoperative left ventricular wall stress, ejection fraction, and aortic valve gradient as prognostic indicators in aortic valve stenosis. *Catheterization and Cardiovascular Diagnosis*, **1989**, 17, 133-43		29
1	Commentary: Should we keep rollin' for PA/VSD/MAPCA?. *Journal of Cardiac Surgery*,	1.3	