

Irving L Kron

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Mitral-valve repair versus replacement for severe ischemic mitral regurgitation. <i>New England Journal of Medicine</i> , 2014 , 370, 23-32	59.2	593
184	Two-Year Outcomes of Surgical Treatment of Severe Ischemic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2016 , 374, 344-53	59.2	491
183	Reperfusion injury significantly impacts clinical outcome after pulmonary transplantation. <i>Annals of Thoracic Surgery</i> , 2000 , 69, 1681-5	2.7	277
182	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, 430-43	4.4	276
181	Surgical treatment of moderate ischemic mitral regurgitation. <i>New England Journal of Medicine</i> , 2014 , 371, 2178-88	59.2	269
180	Surgical relocation of the posterior papillary muscle in chronic ischemic mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2002 , 74, 600-1	2.7	268
179	Ischemia-reperfusion injury after lung transplantation increases risk of late bronchiolitis obliterans syndrome. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 1041-7; discussion 1047-8	2.7	214
178	Postoperative atrial fibrillation significantly increases mortality, hospital readmission, and hospital costs. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 527-33; discussion 533	2.7	152
177	Predicting recurrent mitral regurgitation after mitral valve repair for severe ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 752-61.e1	1.5	145
176	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, L1018-26	5.8	144
175	Shortage of cardiothoracic surgeons is likely by 2020. <i>Circulation</i> , 2009 , 120, 488-94	16.7	125
174	Lung transplant reperfusion injury involves pulmonary macrophages and circulating leukocytes in a biphasic response. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 121, 1069-75	1.5	118
173	Management practices and major infections after cardiac surgery. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 372-81	15.1	87
172	Natural killer T cell-derived IL-17 mediates lung ischemia-reperfusion injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1539-49	10.2	87
171	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	7.3	80
170	Reevaluating the need for left subclavian artery revascularization with thoracic endovascular aortic repair. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 1201-5; discussion 1205	2.7	74
169	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, 428-34	1.5	73

168	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, 456-60	1.5	68
167	Contemporary outcomes in reoperative mitral valve surgery. <i>Heart</i> , 2018 , 104, 652-656	5.1	62
166	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, 1137-43	1.5	61
165	Predicting survival after coronary revascularization for ischemic cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 1995 , 60, 1193-6; discussion 1196-7	2.7	61
164	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, 1060-5	1.5	60
163	Mitral repair is superior to replacement when associated with coronary artery disease. <i>Annals of Surgery</i> , 2004 , 239, 671-5; discussion 675-7	7.8	60
162	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, 1208-15	1.5	59
161	One-Year Outcomes After MitraClip for Functional Mitral Regurgitation. <i>Circulation</i> , 2019 , 139, 37-47	16.7	56
160	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, 474-82	1.5	54
159	Adenosine A _{2A} agonist improves lung function during ex vivo lung perfusion. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 1840-6	2.7	53
158	Surgeon Scientists Are Disproportionately Affected by Declining NIH Funding Rates. <i>Journal of the American College of Surgeons</i> , 2018 , 226, 474-481	4.4	52
157	Primary payer status affects outcomes for cardiac valve operations. <i>Journal of the American College of Surgeons</i> , 2011 , 212, 759-67	4.4	52
156	Primary payer status is associated with mortality and resource utilization for coronary artery bypass grafting. <i>Circulation</i> , 2012 , 126, S132-9	16.7	50
155	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	5.8	49
154	Surgical mentorship. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 489-92	1.5	47
153	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, 156-65	1.5	47
152	Impact of Left Ventricular to Mitral Valve Ring Mismatch on Recurrent Ischemic Mitral Regurgitation After Ring Annuloplasty. <i>Circulation</i> , 2016 , 134, 1247-1256	16.7	45
151	Mitral valve repair rates correlate with surgeon and institutional experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 995-1003; discussion 1003-4	1.5	45

150	Methylene Blue for Vasoplegic Syndrome After Cardiac Operation: Early Administration Improves Survival. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 36-41	2.7	44
149	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	2.7	43
148	NOX2 Activation of Natural Killer T Cells Is Blocked by the Adenosine A2A Receptor to Inhibit Lung Ischemia-Reperfusion Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 988-991 ^{10.2}	10.2	41
147	Hospital variation in mortality from cardiac arrest after cardiac surgery: an opportunity for improvement?. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 534-9; discussion 539-40	2.7	41
146	Pulmonary macrophages are involved in reperfusion injury after lung transplantation. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 1134-8; discussion 1138-9	2.7	41
145	Cost of individual complications following coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 875-882.e1	1.5	40
144	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, 585297	6.7	40
143	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, 887-94	1.5	40
142	Premature Bioprosthetic Aortic Valve Degeneration Associated with Allergy to Galactose-Alpha-1,3-Galactose. <i>Journal of Cardiac Surgery</i> , 2016 , 31, 446-8	1.3	40
141	Left Main Revascularization With PCI or CABG in Patients With Chronic Kidney Disease: EXCEL Trial. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 754-765	15.1	39
140	Need for Permanent Pacemaker After Surgical Aortic Valve Replacement Reduces Long-Term Survival. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 460-465	2.7	38
139	Sphingosine-1-phosphate receptor 1 agonism attenuates lung ischemia-reperfusion injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 308, L1245-52	5.8	37
138	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, 538-45	1.5	35
137	A cost comparison of heart transplantation versus alternative operations for cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 1298-305	2.7	34
136	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	2.7	34
135	2015 The American Association for Thoracic Surgery Consensus Guidelines: Ischemic mitral valve regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 940-56	1.5	33
134	Impact of Medicaid Expansion on Cardiac Surgery Volume and Outcomes. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1251-1258	2.7	32
133	Optimal surgical management of severe ischemic mitral regurgitation: to repair or to replace?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, 1396-403	1.5	32

132	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	3.5	32
131	Attenuation of Pulmonary Ischemia-Reperfusion Injury by Adenosine A2B Receptor Antagonism. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 385-393	2.7	32
130	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	1.5	31
129	Late Operating Room Start Times Impact Mortality and Cost for Nonemergent Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1653-8; discussion 1658-9	2.7	31
128	Tissue-derived proinflammatory effect of adenosine A2B receptor in lung ischemia-reperfusion injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 871-7	1.5	30
127	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, 750-7; discussion 758	2.7	30
126	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, 133-43		29
125	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	1.5	28
124	Adenosine A3 receptor activation attenuates lung ischemia-reperfusion injury. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1762-7	2.7	27
123	Mortality After Repeat Revascularization Following PCI or CABG for Left Main Disease: The EXCEL Trial. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 375-387	5	26
122	Adenosine signaling via the adenosine 2B receptor is involved in bronchiolitis obliterans development. <i>Journal of Heart and Lung Transplantation</i> , 2010 , 29, 1405-14	5.8	26
121	Airway pressure release ventilation during ex vivo lung perfusion attenuates injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 197-204	1.5	25
120	Socioeconomic Distressed Communities Index Predicts Risk-Adjusted Mortality After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1706-1712	2.7	24
119	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	11.8	24
118	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	2.7	24
117	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	1.5	24
116	Improved outcomes and value in staged hybrid extent II thoracoabdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2017 , 66, 1357-1363	3.5	23
115	Ex Vivo Perfusion With Adenosine A2A Receptor Agonist Enhances Rehabilitation of Murine Donor Lungs After Circulatory Death. <i>Transplantation</i> , 2015 , 99, 2494-503	1.8	23

114	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, 2686-96	1.5	23
113	Concomitant tricuspid valve operations affect outcomes after mitral operations: a multiinstitutional, statewide analysis. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 52-7; discussion 58	2.7	22
112	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	1.5	21
111	Cost analysis of endovascular versus open repair in the treatment of thoracic aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2015 , 61, 596-603	3.5	21
110	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	1.5	21
109	Keratinocyte Growth Factor Enhances Post-Pneumonectomy Lung Growth by Alveolar Proliferation. <i>Circulation</i> , 2002 , 106,	16.7	20
108	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, 329183	6.7	19
107	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	1.5	18
106	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, 629-37	3.5	18
105	Natural history of coexistent mitral regurgitation after aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1032-9, 1042.e1	1.5	18
104	Mitral Valve Repair: The French Correction Versus the American Correction. <i>Surgical Clinics of North America</i> , 2017 , 97, 867-888	4	17
103	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	3.5	17
102	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, H2328-35	5.2	17
101	The beating heart approach is not necessary for the Dor procedure. <i>Annals of Thoracic Surgery</i> , 2003 , 76, 1571-4; discussion 1574-5	2.7	17
100	Bundled Payments in Cardiac Surgery: Is Risk Adjustment Sufficient to Make It Feasible?. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1646-52; discussion 1652	2.7	16
99	Cardiothoracic and Vascular Surgeons Achieve High Rates of K Award Conversion Into R01 Funding. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 602-607	2.7	16
98	Splenic leukocytes mediate the hyperglycemic exacerbation of myocardial infarct size in mice. <i>Basic Research in Cardiology</i> , 2015 , 110, 39	11.8	15
97	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	1.5	15

96	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	1.5	15
95	Access to Quaternary Care Surgery: Implications for Accountable Care Organizations. <i>Journal of the American College of Surgeons</i> , 2017 , 224, 525-529	4.4	14
94	A New Intraoperative Protocol for Reducing Perioperative Transfusions in Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 176-181	2.7	13
93	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	1.5	13
92	Comprehensive National Institutes of Health funding analysis of academic cardiac surgeons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 2326-2335.e3	1.5	13
91	Ex Vivo Lung Perfusion Rehabilitates Sepsis-Induced Lung Injury. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1723-1729	2.7	12
90	Expanding the donor lung pool: how many donations after circulatory death organs are we missing?. <i>Journal of Surgical Research</i> , 2018 , 223, 58-63	2.5	12
89	Rapamycin prevents bronchiolitis obliterans through increasing infiltration of regulatory B cells in a murine tracheal transplantation model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 487-96.e3	1.5	12
88	Postoperative Hypoglycemia Is Associated With Worse Outcomes After Cardiac Operations. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 526-532	2.7	12
87	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	3.5	12
86	Preoperative β blocker use correlates with worse outcomes in patients undergoing aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 1589-1597.e3	1.5	11
85	Amiodarone Protocol Provides Cost-Effective Reduction in Postoperative Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1697-1702	2.7	11
84	Does Preoperative Troponin Level Impact Outcomes After Coronary Artery Bypass Grafting?. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 46-51	2.7	11
83	Modifiable Factors Leading to Increased Length of Stay after Carotid Endarterectomy. <i>Annals of Vascular Surgery</i> , 2017 , 39, 195-203	1.7	11
82	Getting promoted. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 121, S17-8	1.5	11
81	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	2.9	11
80	Outcomes of Trainees Performing Coronary Artery Bypass Grafting: Does Resident Experience Matter?. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 975-981	2.7	10
79	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, 1041-8	1.5	10

78	Meaningful Patient-centered Outcomes 1 Year Following Cardiac Surgery. <i>Annals of Surgery</i> , 2021 , 273, e247-e254	7.8	10
77	Goal-directed resuscitation following cardiac surgery reduces acute kidney injury: A quality initiative pre-post analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 1868-1877.e1	1.5	10
76	Development and Validation of Procedure-Specific Risk Score for Predicting Postoperative Pulmonary Complication: ANSQIP Analysis. <i>Journal of the American College of Surgeons</i> , 2019 , 229, 355-365.e3	4.4	9
75	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	2.5	9
74	Resident awareness of documentation requirements and reimbursement: a multi-institutional survey. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 858-64; discussion 864	2.7	9
73	Subvalvular techniques to optimize surgical repair of ischemic mitral regurgitation. <i>Current Opinion in Cardiology</i> , 2014 , 29, 140-4	2.1	9
72	The National Institutes of Health funding for cardiothoracic surgical research. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 398-399	1.5	9
71	Variability and Utilization of Concomitant Atrial Fibrillation Ablation During Mitral Valve Surgery. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 29-34	2.7	9
70	In vivo lung perfusion rehabilitates sepsis-induced lung injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 440-448.e2	1.5	8
69	The History of Incidentally Discovered Penetrating Aortic Ulcers of the Abdominal Aorta. <i>Annals of Vascular Surgery</i> , 2016 , 31, 8-17	1.7	8
68	Planned cardiac reexploration in the intensive care unit is a safe procedure. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 1645-51; discussion 1651-2	2.7	8
67	Repair or replace for severe ischemic mitral regurgitation: prospective randomized multicenter data. <i>Annals of Cardiothoracic Surgery</i> , 2015 , 4, 411-6	4.7	8
66	Patient-prosthesis mismatch: surgical aortic valve replacement versus transcatheter aortic valve replacement in high risk patients with aortic stenosis. <i>Journal of Thoracic Disease</i> , 2016 , 8, E1441-E1443	2.6	8
65	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	1.5	7
64	Adenosine 2A Receptor Activation Attenuates Ischemia Reperfusion Injury During Extracorporeal Cardiopulmonary Resuscitation. <i>Annals of Surgery</i> , 2019 , 269, 1176-1183	7.8	7
63	Ex Vivo Assessment of Porcine Donation After Circulatory Death Lungs That Undergo Increasing Warm Ischemia Times. <i>Transplantation Direct</i> , 2018 , 4, e405	2.3	7
62	Severe ischemic mitral regurgitation: Repair or replace?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1425-7	1.5	6
61	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	1.7	6

60	Risk Aversion in Cardiac Surgery: 15-Year Trends in a Statewide Analysis. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1401-1407	2.7	6
59	Pulsed ultrasound attenuates the hyperglycemic exacerbation of myocardial ischemia-reperfusion injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, e297-e306	1.5	6
58	The influence of a percutaneous mitral repair program on surgical mitral valve volume. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1093-7	1.5	5
57	Management of Ebstein's anomaly. <i>Annals of Cardiothoracic Surgery</i> , 2017 , 6, 266-269	4.7	5
56	We need a better way to repair ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 428	1.5	5
55	The best approach to repair anomalous origin of the right coronary artery. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 290	3	5
54	Cost-Effectiveness of Mitral Valve Repair Versus Replacement for Severe Ischemic Mitral Regurgitation. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018 , 11,	5.8	5
53	Can Lung Transplant Surgeons Still Be Scientists? High Productivity Despite Competitive Funding. <i>Heart Surgery Forum</i> , 2019 , 22, E001-E007	0.7	5
52	SPECT imaging of lung ischemia-reperfusion injury using [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	5.8	5
51	The natural history of penetrating ulcers of the iliac arteries. <i>Journal of Vascular Surgery</i> , 2016 , 63, 399-406	3.5	4
50	Decubitus ulcers in patients undergoing vascular operations do not influence mortality but affect resource utilization. <i>Surgery</i> , 2017 , 161, 1720-1727	3.6	4
49	Adenosine A2A receptor agonist (regadenoson) in human lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 563-570	5.8	4
48	Pre-implant left ventricular apex position predicts risk of HeartMate II pump thrombosis. <i>Journal of Cardiac Surgery</i> , 2017 , 32, 837-842	1.3	4
47	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	1.5	4
46	Barriers to atrial fibrillation ablation during mitral valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	4
45	Impact of Complications After Cardiac Operation on One-Year Patient-Reported Outcomes. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 43-48	2.7	4
44	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	1.5	4
43	Gastrointestinal Complications After Cardiac Surgery: Highly Morbid but Improving Over Time. <i>Journal of Surgical Research</i> , 2020 , 254, 306-313	2.5	3

42	Loss of Medicaid insurance after successful bariatric surgery: an unintended outcome. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018 , 32, 212-216	5.2	3
41	Travel distance and regional access to cardiac valve surgery. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 1044-1048	3	3
40	Multicenter evaluation of high-risk mitral valve operations: implications for novel transcatheter valve therapies. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 2032-7; discussion 2037-8	2.7	3
39	Reduced-flow ex vivo lung perfusion to rehabilitate lungs donated after circulatory death. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 74-82	5.8	3
38	Persistent cognitive deficits and neuroinflammation in a rat model of cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, e185-e188	1.5	3
37	Changes in thoracic surgery training. <i>American Surgeon</i> , 2007 , 73, 155-6	0.8	3
36	Short-course rapamycin treatment preserves airway epithelium and protects against bronchiolitis obliterans. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 464-72	2.7	2
35	Cardiothoracic surgery and the National Institutes of Health and National Heart, Lung, and Blood Institute. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 20-3	1.5	2
34	Determining Which Prosthetic to Use During Aortic Valve Replacement in Patients Aged Younger than 70 Years: A Systematic Review of the Literature. <i>Heart Surgery Forum</i> , 2019 , 22, E070-E081	0.7	2
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