

David M Shahian

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8621268/david-m-shahian-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

201 papers	13,146 citations	61 h-index	111 g-index
225 ext. papers	15,963 ext. citations	4.9 avg, IF	6.09 L-index

#	Paper	IF	Citations
201	The Society of Thoracic Surgeons 2008 cardiac surgery risk models: part 2--isolated valve surgery. <i>Annals of Thoracic Surgery</i> , 2009 , 88, S23-42	2.7	860
200	The Society of Thoracic Surgeons 2008 cardiac surgery risk models: part 1--coronary artery bypass grafting surgery. <i>Annals of Thoracic Surgery</i> , 2009 , 88, S2-22	2.7	732
199	2011 ACCF/AHA Guideline for Coronary Artery Bypass Graft Surgery. A report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. Developed in collaboration with the American Association for Thoracic Surgery, Society of	15.1	531
198	2011 ACCF/AHA Guideline for Coronary Artery Bypass Graft Surgery: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. <i>Circulation</i> , 2011 , 124, e652-735	16.7	487
197	Guidelines for reporting mortality and morbidity after cardiac valve interventions. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 135, 732-8	1.5	457
196	2011 ACCF/AHA Guideline for Coronary Artery Bypass Graft Surgery: executive summary: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. <i>Circulation</i> , 2011 , 124, 2610-42	16.7	345
195	The Society of Thoracic Surgeons 2008 cardiac surgery risk models: part 3--valve plus coronary artery bypass grafting surgery. <i>Annals of Thoracic Surgery</i> , 2009 , 88, S43-62	2.7	343
194	Outcomes following transcatheter aortic valve replacement in the United States. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 2069-77	27.4	336
193	2016 Annual Report of The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1215-1230	15.1	334
192	Clinical outcomes at 1 year following transcatheter aortic valve replacement. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1019-28	27.4	317
191	Addition of frailty and disability to cardiac surgery risk scores identifies elderly patients at high risk of mortality or major morbidity. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2012 , 5, 222-8	5.8	261
190	STS database risk models: predictors of mortality and major morbidity for lung cancer resection. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 875-81; discussion 881-3	2.7	237
189	Cardiac surgery report cards: comprehensive review and statistical critique. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 2155-68	2.7	211
188	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2018 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 15-23	2.7	192
187	2011 ACCF/AHA guideline for coronary artery bypass graft surgery: executive summary: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, 4-34	1.5	187
186	Predictors of long-term survival after coronary artery bypass grafting surgery: results from the Society of Thoracic Surgeons Adult Cardiac Surgery Database (the ASCERT study). <i>Circulation</i> , 2012 , 125, 1491-500	16.7	183
185	Annual Outcomes With Transcatheter Valve Therapy: From the STS/ACC TVT Registry. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2813-2823	15.1	179

184	Quality measurement in adult cardiac surgery: part 1--Conceptual framework and measure selection. <i>Annals of Thoracic Surgery</i> , 2007 , 83, S3-12	2.7	169
183	Quality measurement in adult cardiac surgery: part 2--Statistical considerations in composite measure scoring and provider rating. <i>Annals of Thoracic Surgery</i> , 2007 , 83, S13-26	2.7	168
182	Variability in the measurement of hospital-wide mortality rates. <i>New England Journal of Medicine</i> , 2010 , 363, 2530-9	59.2	164
181	The volume-outcome relationship: from Luft to Leapfrog. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1048-58	2.7	160
180	Development and Validation of a Risk Prediction Model for In-Hospital Mortality After Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2016 , 1, 46-52	16.2	159
179	Comparison of clinical and administrative data sources for hospital coronary artery bypass graft surgery report cards. <i>Circulation</i> , 2007 , 115, 1518-27	16.7	149
178	The STS-ACC transcatheter valve therapy national registry: a new partnership and infrastructure for the introduction and surveillance of medical devices and therapies. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1026-34	15.1	146
177	Aortic valve and ascending aorta guidelines for management and quality measures. <i>Annals of Thoracic Surgery</i> , 2013 , 95, S1-66	2.7	146
176	The Society of Thoracic Surgeons 2018 Adult Cardiac Surgery Risk Models: Part 2--Statistical Methods and Results. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1419-1428	2.7	145
175	The Society of Thoracic Surgeons 2018 Adult Cardiac Surgery Risk Models: Part 1--Background, Design Considerations, and Model Development. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1411-1418	2.7	132
174	Successful linking of the Society of Thoracic Surgeons adult cardiac surgery database to Centers for Medicare and Medicaid Services Medicare data. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1150-6; discussion 1156-7	2.7	118
173	Statistical and Clinical Aspects of Hospital Outcomes Profiling. <i>Statistical Science</i> , 2007 , 22,	2.4	117
172	Contemporary performance of U.S. teaching and nonteaching hospitals. <i>Academic Medicine</i> , 2012 , 87, 701-8	3.9	115
171	Public reporting of cardiac surgery performance: Part 1--history, rationale, consequences. <i>Annals of Thoracic Surgery</i> , 2011 , 92, S2-11	2.7	114
170	Cardiac surgery risk models: a position article. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1868-77	2.7	111
169	Longitudinal outcome of isolated mitral repair in older patients: results from 14,604 procedures performed from 1991 to 2007. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1870-7; discussion 1877-9	2.7	109
168	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2019 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 24-32	2.7	106
167	The society of thoracic surgeons national database. <i>Heart</i> , 2013 , 99, 1494-501	5.1	105

166	Comparison of "risk-adjusted" hospital outcomes. <i>Circulation</i> , 2008 , 117, 1955-63	16.7	100
165	Gait Speed and Operative Mortality in Older Adults Following Cardiac Surgery. <i>JAMA Cardiology</i> , 2016 , 1, 314-21	16.2	98
164	The Society of Thoracic Surgeons Congenital Heart Surgery Database Mortality Risk Model: Part 1-Statistical Methodology. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1054-62	2.7	93
163	Massachusetts cardiac surgery report card: implications of statistical methodology. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 2106-13	2.7	91
162	Annual Outcomes With Transcatheter Valve Therapy: From the STS/ACC TVT Registry. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 789-800	2.7	86
161	The Society of Thoracic Surgeons Congenital Heart Surgery Database Mortality Risk Model: Part 2-Clinical Application. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1063-8; discussion 1068-70	2.7	84
160	The Society of Thoracic Surgeons Mitral Repair/Replacement Composite Score: A Report of The Society of Thoracic Surgeons Quality Measurement Task Force. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 2265-71	2.7	83
159	Gait Speed Predicts 30-Day Mortality After Transcatheter Aortic Valve Replacement: Results From the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Circulation</i> , 2016 , 133, 1351-9	16.7	83
158	The Society of Thoracic Surgeons Isolated Aortic Valve Replacement (AVR) Composite Score: a report of the STS Quality Measurement Task Force. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 2166-71	2.7	80
157	Standardized Outcome Measurement for Patients With Coronary Artery Disease: Consensus From the International Consortium for Health Outcomes Measurement (ICHOM). <i>Journal of the American Heart Association</i> , 2015 , 4,	6	79
156	The American Heart Association's recommendations for expanding the applications of existing and future clinical registries: a policy statement from the American Heart Association. <i>Circulation</i> , 2011 , 123, 2167-79	16.7	79
155	Association of hospital coronary artery bypass volume with processes of care, mortality, morbidity, and the Society of Thoracic Surgeons composite quality score. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 273-82	1.5	78
154	Public reporting of cardiac surgery performance: Part 2--implementation. <i>Annals of Thoracic Surgery</i> , 2011 , 92, S12-23	2.7	74
153	Mortality Trends in Pediatric and Congenital Heart Surgery: An Analysis of The Society of Thoracic Surgeons Congenital Heart Surgery Database. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1345-52	2.7	74
152	Operative Outcomes of Multiple-Arterial Versus Single-Arterial Coronary Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1109-1119	2.7	70
151	The Society of Thoracic Surgeons risk model for operative mortality after multiple valve surgery. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1484-90	2.7	68
150	Successful linking of the Society of Thoracic Surgeons database to social security data to examine survival after cardiac operations. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 32-7; discussion 38-9	2.7	68
149	The Society of Thoracic Surgeons 2008 cardiac surgery risk models: introduction. <i>Annals of Thoracic Surgery</i> , 2009 , 88, S1	2.7	67

148	ACC/AHA/STS Statement on the Future of Registries and the Performance Measurement Enterprise: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures and The Society of Thoracic Surgeons. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2230-2245	15.1	66
147	Coronary artery bypass risk prediction using neural networks. <i>Annals of Thoracic Surgery</i> , 1997 , 63, 1635-43	2.7	65
146	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2016 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 850-62	2.7	63
145	Penetration, Completeness, and Representativeness of The Society of Thoracic Surgeons Adult Cardiac Surgery Database. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 33-41; discussion 41	2.7	63
144	2018 AATS/ACC/SCAI/STS Expert Consensus Systems of Care Document: Operator and Institutional Recommendations and Requirements for Transcatheter Aortic Valve Replacement: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1058-1070	15.1	63
143	Performing Concomitant Tricuspid Valve Repair at the Time of Mitral Valve Operations Is Not Associated With Increased Operative Mortality. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 587-593	2.7	62
142	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2016 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 24-32	2.7	61
141	The association of transcatheter aortic valve replacement availability and hospital aortic valve replacement volume and mortality in the United States. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 2016-22; discussion 2022	2.7	61
140	The Society of Thoracic Surgeons Composite Score for Rating Program Performance for Lobectomy for Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 1379-86; discussion 1386-7	2.7	60
139	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2017 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 18-24	2.7	60
138	2011 ACCF/AHA Guideline for Coronary Artery Bypass Graft Surgery: Executive Summary. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2584-2614	15.1	59
137	Introduction to the STS National Database Series: Outcomes Analysis, Quality Improvement, and Patient Safety. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1992-2000	2.7	57
136	Development of a clinical registry-based 30-day readmission measure for coronary artery bypass grafting surgery. <i>Circulation</i> , 2014 , 130, 399-409	16.7	55
135	Failure to Rescue Rates After Coronary Artery Bypass Grafting: An Analysis From The Society of Thoracic Surgeons Adult Cardiac Surgery Database. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 458-64	2.7	54
134	The importance of patient-specific preoperative factors: an analysis of the society of thoracic surgeons congenital heart surgery database. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 1653-8; discussion 1658-9	2.7	54
133	Transcatheter Versus Surgical Aortic Valve Replacement: Propensity-Matched Comparison. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 439-450	15.1	53
132	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2017 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 699-709	2.7	52
131	The Society of Thoracic Surgeons National Database 2019 Annual Report. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1625-1632	2.7	52

130	Trends in use of off-pump coronary artery bypass grafting: Results from the Society of Thoracic Surgeons Adult Cardiac Surgery Database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 856-3, 864.e1; discussion 863-4	1.5	50
129	The Society of Thoracic Surgeons Composite Measure of Individual Surgeon Performance for Adult Cardiac Surgery: A Report of The Society of Thoracic Surgeons Quality Measurement Task Force. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1315-24; discussion 1324-5	2.7	48
128	The STS AVR+CABG composite score: a report of the STS Quality Measurement Task Force. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1604-9	2.7	48
127	2019 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients With Valvular Heart Disease: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, American Society of Echocardiography, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons.	15.1	45
126	The Society of Thoracic Surgeons Composite Score for Evaluating Esophagectomy for Esophageal Cancer. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1661-1667	2.7	40
125	The Society of Thoracic Surgeons voluntary public reporting initiative: the first 4 years. <i>Annals of Surgery</i> , 2015 , 262, 526-35; discussion 533-5	7.8	40
124	Cost-effectiveness of revascularization strategies: the ASCERT study. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1-11	15.1	39
123	The Society of Thoracic Surgeons National Database 2018 Annual Report. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1603-1611	2.7	37
122	Applications of statistical quality control to cardiac surgery. <i>Annals of Thoracic Surgery</i> , 1996 , 62, 1351-8; discussion 1358-9	2.7	35
121	Variation in Hospital Risk-Adjusted Mortality Rates Following Transcatheter Aortic Valve Replacement in the United States: A Report From the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016 , 9, 560-5	5.8	34
120	The Society of Thoracic Surgeons National Database 2017 Annual Report. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1774-1781	2.7	34
119	Incremental value of the preoperative echocardiogram to predict mortality and major morbidity in coronary artery bypass surgery. <i>Circulation</i> , 2013 , 127, 356-64	16.7	34
118	2016 Annual Report of The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1021-1035	2.7	32
117	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: The Driving Force for Improvement in Cardiac Surgery. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2015 , 27, 144-51	1.7	32
116	The Society of Thoracic Surgeons Mitral Valve Repair/Replacement Plus Coronary Artery Bypass Grafting Composite Score: A Report of The Society of Thoracic Surgeons Quality Measurement Task Force. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1475-1481	2.7	31
115	Risk Aversion and Public Reporting. Part 1: Observations From Cardiac Surgery and Interventional Cardiology. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 2093-2101	2.7	31
114	Population trends in rates of coronary revascularization. <i>JAMA Internal Medicine</i> , 2015 , 175, 454-6	11.5	31
113	Association of Hospital and Physician Characteristics and Care Processes With Racial Disparities in Procedural Outcomes Among Contemporary Patients Undergoing Coronary Artery Bypass Grafting Surgery. <i>Circulation</i> , 2016 , 133, 124-30	16.7	30

112	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2018 Update on Research: Outcomes Analysis, Quality Improvement, and Patient Safety. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 8-13 ^{2.7}	30
111	Hospital teaching intensity and mortality for acute myocardial infarction, heart failure, and pneumonia. <i>Medical Care</i> , 2014 , 52, 38-46	3.1 30
110	Association of National Hospital Quality Measure adherence with long-term mortality and readmissions. <i>BMJ Quality and Safety</i> , 2012 , 21, 325-36	5.4 30
109	Special Articles: 2011 ACCF/AHA Guideline for Coronary Artery Bypass Graft Surgery: executive summary: a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. <i>Anesthesia and Analgesia</i> , 2012 , 114, 11-45	3.9 30
108	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2020 Update on Outcomes and Research. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1646-1655	2.7 30
107	Large-scale implementation of the I-PASS handover system at an academic medical centre. <i>BMJ Quality and Safety</i> , 2017 , 26, 760-770	5.4 29
106	The STS National Database. <i>Annals of Thoracic Surgery</i> , 2014 , 97, S48-54	2.7 28
105	Implementation of a cardiac surgery report card: lessons from the Massachusetts experience. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1146-50	2.7 28
104	The Society of Thoracic Surgeons Adult Cardiac Surgery Database Version 2.73: More Is Better. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 516-21	2.7 27
103	The Society of Thoracic Surgeons National Database 2016 Annual Report. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1790-1797	2.7 27
102	Refining The Society of Thoracic Surgeons Congenital Heart Surgery Database Mortality Risk Model With Enhanced Risk Adjustment for Chromosomal Abnormalities, Syndromes, and Noncardiac Congenital Anatomic Abnormalities. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 558-566	2.7 27
101	Repeat coronary revascularization after coronary artery bypass surgery in older adults: the Society of Thoracic Surgeons National experience, 1991-2007. <i>Circulation</i> , 2013 , 127, 1656-63	16.7 27
100	Hospital-wide mortality as a quality metric: conceptual and methodological challenges. <i>American Journal of Medical Quality</i> , 2012 , 27, 112-23	1.1 27
99	Gait Speed and 1-Year Mortality Following Cardiac Surgery: A Landmark Analysis From the Society of Thoracic Surgeons Adult Cardiac Surgery Database. <i>Journal of the American Heart Association</i> , 2018 , 7, e010139	6 27
98	Sources of Variation in Hospital-Level Infection Rates After Coronary Artery Bypass Grafting: An Analysis of The Society of Thoracic Surgeons Adult Heart Surgery Database. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1570-5; discussion 1575-6	2.7 26
97	Associations Between Surgical Ablation and Operative Mortality After Mitral Valve Procedures. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1790-1796	2.7 26
96	Development of a Congenital Heart Surgery Composite Quality Metric: Part 1-Conceptual Framework. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 583-589	2.7 25
95	Volume-Outcome Association of Mitral Valve Surgery in the United States. <i>JAMA Cardiology</i> , 2020 , 5, 1092-1101	16.2 24

94	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2017 Update on Research. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 731-741	2.7	23
93	Comparing teaching versus nonteaching hospitals: the association of patient characteristics with teaching intensity for three common medical conditions. <i>Academic Medicine</i> , 2014 , 89, 94-106	3.9	23
92	Transvenous cardioverter defibrillators: cost implications of a less invasive approach. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995 , 18, 711-5	1.6	23
91	Development and Application of a Risk Prediction Model for In-Hospital Stroke After Transcatheter Aortic Valve Replacement: A Report From The Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1097-1103	2.7	22
90	Issues in quality measurement: target population, risk adjustment, and ratings. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 718-26	2.7	21
89	Risk Aversion and Public Reporting. Part 2: Mitigation Strategies. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 2102-2110	2.7	21
88	The Society of Thoracic Surgeons National Adult Cardiac Database: a continuing commitment to excellence. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 955-9	1.5	21
87	The Impact of Mitral Disease Etiology on Operative Mortality After Mitral Valve Operations. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1406-1413	2.7	21
86	Successful linking of the Society of Thoracic Surgeons Database to Social Security data to examine the accuracy of Society of Thoracic Surgeons mortality data. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 976-983	1.5	20
85	Selection of a cardiac surgery provider in the managed care era. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 120, 978-87	1.5	19
84	Percutaneous coronary interventions without on-site cardiac surgical backup. <i>New England Journal of Medicine</i> , 2012 , 366, 1814-23	59.2	17
83	STS Adult Cardiac Surgery Database: 2021 Update on Outcomes, Quality, and Research. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 1770-1780	2.7	17
82	The Society of Thoracic Surgeons Composite Score Rating for Pulmonary Resection for Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 848-855	2.7	16
81	National Variation in Congenital Heart Surgery Outcomes. <i>Circulation</i> , 2020 , 142, 1351-1360	16.7	16
80	Rating the Raters: The Inconsistent Quality of Health Care Performance Measurement. <i>Annals of Surgery</i> , 2016 , 264, 36-8	7.8	16
79	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2016 Update on Research. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 7-13	2.7	15
78	Determinants of Variation in Pneumonia Rates After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 513-520	2.7	15
77	Updating an Empirically Based Tool for Analyzing Congenital Heart Surgery Mortality. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2021 , 12, 246-281	1.1	14

76	Congenital Heart Surgery Case Mix Across North American Centers and Impact on Performance Assessment. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1580-1587	2.7	14
75	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2016 Update on Research. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 688-695	2.7	14
74	Development of a Congenital Heart Surgery Composite Quality Metric: Part 2-Analytic Methods. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 590-596	2.7	13
73	Bilateral internal thoracic artery versus radial artery multi-arterial bypass grafting: a report from the STS database. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 926-934	3	13
72	Usefulness of right ventricular dysfunction to predict new-onset atrial fibrillation following coronary artery bypass grafting. <i>American Journal of Cardiology</i> , 2014 , 113, 913-8	3	13
71	The impact of high-risk cases on hospitalsPrisk-adjusted coronary artery bypass grafting mortality rankings. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 856-62	2.7	12
70	2020 AHA/ACC Key Data Elements and Definitions for Coronary Revascularization: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards (Writing Committee to Develop Clinical Data Standards for Coronary Revascularization). <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1975-2088	15.1	12
69	Risk Prediction in Aortic Valve Replacement: Incremental Value of the Preoperative Echocardiogram. <i>Journal of the American Heart Association</i> , 2015 , 4, e002129	6	11
68	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2018 Update on Research. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 654-663	2.7	11
67	A Methodological Critique of the ProPublica Surgeon Scorecard 2015 ,		11
66	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2017 Update on Research. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 22-28	2.7	10
65	Mandatory public reporting of cardiac surgery outcomes: The 2003 to 2014 Massachusetts experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 110-124.e9	1.5	10
64	2020 AHA/ACC Key Data Elements and Definitions for Coronary Revascularization: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards (Writing Committee to Develop Clinical Data Standards for Coronary Revascularization). <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e000059	5.8	10
63	The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2019 Update on Research. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 671-679	2.7	10
62	Variation in ventilation time after coronary artery bypass grafting: an analysis from the society of thoracic surgeons adult cardiac surgery database. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 757-62	2.7	10
61	The Effect of COVID-19 on Adult Cardiac Surgery in the United States in 717 103 Patients. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	10
60	2018 AATS/ACC/SCAI/STS Expert Consensus Systems of Care Document: Operator and Institutional Recommendations and Requirements for Transcatheter Aortic Valve Replacement: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, Society for Cardiovascular Angiography and Interventions, and The Society of Thoracic Surgeons. <i>Annals of Contemporary management of superior pulmonary sulcus (Pancoast) lung tumors. Current Opinion in Pulmonary Medicine</i> , 2003 , 9, 327-31	2.7	9
59		3	9

58	In vitro decalcification of aortic valve leaflets with the Er:YSGG laser, Ho:YAG laser, and the Cavitron ultrasound surgical aspirator. <i>Lasers in Surgery and Medicine</i> , 1993 , 13, 421-8	3.6	9
57	First Database Comparison Between the United States and Japan: Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1159-1164	2.7	9
56	The Quality Measurement Crisis: An Urgent Need for Methodological Standards and Transparency. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2016 , 42, 435-438	1.4	9
55	Concomitant carotid endarterectomy and cardiac surgery does not decrease postoperative stroke rates. <i>Journal of Vascular Surgery</i> , 2020 , 72, 589-596.e3	3.5	8
54	The Association Between Novel Biomarkers and 1-Year Readmission or Mortality After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1122-1128	2.7	8
53	ACC/AHA/STS Statement on the Future of Registries and the Performance Measurement Enterprise: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures and The Society of Thoracic Surgeons. <i>Annals of Thoracic Surgery</i> , 2015 ,	2.7	7
52	2019 AATS/ACC/ASE/SCAI/STS expert consensus systems of care document: A proposal to optimize care for patients with valvular heart disease: A joint report of the American Association for Thoracic Surgery, American College of Cardiology, American Society of Echocardiography, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. <i>Journal of</i>	1.5	6
51	The Society of Thoracic Surgeons National Database at 30: Honoring Our Heritage, Celebrating the Present, Evolving for the Future. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1259-1266	2.7	6
50	Estimating Resource Utilization in Congenital Heart Surgery. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 962-968	2.7	6
49	The Society of Thoracic Surgeons General Thoracic Surgery Database: 2016 Update on Research. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1444-1451	2.7	6
48	Professional Society Leadership in Health Care Quality: The Society of Thoracic Surgeons Experience. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2019 , 45, 466-479	1.4	6
47	Composite outcomes in coronary bypass surgery versus percutaneous intervention. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1983-8; discussion 1988-90	2.7	6
46	ACC/AHA/STS Statement on the Future of Registries and the Performance Measurement Enterprise: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures and The Society of Thoracic Surgeons. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015 , 8, e24-48	5.8	6
45	2018 AATS/ACC/SCAI/STS expert consensus systems of care document: Operator and institutional recommendations and requirements for transcatheter aortic valve replacement: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, Society for	2.7	6
44	2019 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients With Valvular Heart Disease: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, American Society of Echocardiography, Society for Cardiovascular Angiography and Interventions, and The Society of Thoracic Surgeons.	2.7	5
43	Safety Culture and Mortality after Acute Myocardial Infarction: A Study of Medicare Beneficiaries at 171 Hospitals. <i>Health Services Research</i> , 2018 , 53, 608-631	3.4	5
42	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2019 Update on Research. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 334-342	2.7	5
41	Failure to Rescue: A New Society of Thoracic Surgeons Quality Metric for Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	5

40	2019 AATS/ACC/ASE/SCAI/STS expert consensus systems of care document: A proposal to optimize care for patients with valvular heart disease: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, American Society of Echocardiography, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons.	2.7	4
39	The Society of Thoracic Surgeons General Thoracic Surgery Database: 2017 Update on Research. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1450-1455	2.7	4
38	Autonomy, beneficence, justice, and the limits of provider profiling. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 2383-6	15.1	4
37	Predictors of nonadherence to national hospital quality measures for heart failure and pneumonia. <i>American Journal of Medicine</i> , 2011 , 124, 636-46	2.4	4
36	Relevance of Cardiac Surgery Outcome Reporting 3 Years Later in a New York and California Statewide Analysis. <i>JAMA Surgery</i> , 2020 , 155, 442-444	5.4	3
35	Preoperative β -blockade in coronary artery bypass grafting surgery. <i>JAMA Internal Medicine</i> , 2014 , 174, 1328-9	11.5	3
34	Transparency: a mandatory requirement for risk models. <i>Journal of the American College of Surgeons</i> , 2008 , 206, 1240-2; author reply 1242-5	4.4	3
33	Statistical risk modeling and outcomes analysis. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1717-20	2.7	3
32	Composite Metric for Benchmarking Site Performance in Transcatheter Aortic Valve Replacement: Results From the STS/ACC TVT Registry. <i>Circulation</i> , 2021 , 144, 186-194	16.7	3
31	The association of hospital teaching intensity with 30-day postdischarge heart failure readmission and mortality rates. <i>Health Services Research</i> , 2020 , 55, 259-272	3.4	2
30	50th Anniversary Landmark Commentary on Edwards FH, Clark RE, Schwartz M. Coronary artery bypass grafting: The Society of Thoracic Surgeons National Database experience. <i>Ann Thorac Surg</i> 1994;57:12-9. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1990-1	2.7	2
29	Current Penetration, Completeness, and Representativeness of The Society of Thoracic Surgeons Adult Cardiac Surgery Database. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	2
28	The STS Participant-Level, Multiprocedural Composite Measure for Adult Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	2
27	The Society of Thoracic Surgeons 2021 Adult Cardiac Surgery Risk Models for Multiple Valve Operations. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	2
26	The denominator problem: national hospital quality measures for acute myocardial infarction. <i>BMJ Quality and Safety</i> , 2017 , 26, 189-199	5.4	1
25	Making the Case for Teaching Hospitals: Evolving Metrics and Methodologies. <i>Annals of Surgery</i> , 2020 , 271, 422-424	7.8	1
24	2018 AATS/ACC/SCAI/STS Expert Consensus Systems of Care Document: Operator and institutional recommendations and requirements for transcatheter aortic valve replacement: A joint report of the American Association for Thoracic Surgery, American College of Cardiology, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. <i>Journal of</i>	1.5	1
23	Revised implantation procedure for programmable automatic implantable cardioverter defibrillator: don't discard the magnet. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1990 , 13, 776-82	1.6	1

22	Social Risk Factors in Society of Thoracic Surgeons Risk Models Part 2: Review of Empirical Studies in Cardiac Surgery and Risk Model Recommendations.. <i>Annals of Thoracic Surgery</i> , 2022 ,	2.7	1
21	Association of Volume and Outcomes in 234,556 Patients Undergoing Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
20	Social Risk Factors in Society of Thoracic Surgeons Risk Models Part 1: Concepts, Indicator Variables, and Controversies.. <i>Annals of Thoracic Surgery</i> , 2022 ,	2.7	1
19	Supplementing Existing Societal Risk Models for Surgical Aortic Valve Replacement With Machine Learning for Improved Prediction. <i>Journal of the American Heart Association</i> , 2021 , 10, e019697	6	1
18	Evolving Cost-Quality Relationship in Pediatric Heart Surgery. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
17	The Society of Thoracic Surgeons Coronary Artery Bypass Graft Composite Measure: 2021 Methodology Update. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
16	The National Cardiovascular Data Registry Data Quality Program 2020: JACC State-of-the-Art Review.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1704-1712	15.1	1
15	Commentary: Machine learning and cardiac surgery risk prediction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	0
14	Revisiting performance metrics for prediction with rare outcomes. <i>Statistical Methods in Medical Research</i> , 2021 , 30, 2352-2366	2.3	0
13	2019 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients With Valvular Heart Disease: A Joint Report of the American Association for Thoracic Surgery, American College of Cardiology, American Society of Echocardiography, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 683-707	5.8	
12	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 612-614	2.7	
11	Reply to letter: "Surgical statistics: let's act fast and grasp the opportunity". <i>Annals of Surgery</i> , 2014 , 259, e14-5	7.8	
10	Clinical data registries and the future of healthcare quality. <i>Progress in Pediatric Cardiology</i> , 2011 , 32, 71-74	0.4	
9	Health Services Information: Lessons Learned from the Society of Thoracic Surgeons National Database. <i>Health Services Research</i> , 2019 , 217-239	0.3	
8	Health Services Information: Lessons Learned from the Society of Thoracic Surgeons National Database 2015 , 1-24		
7	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1407-1408	2.7	
6	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 1521	2.7	
5	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1312	2.7	

- 4 Commentary: Driving improvement. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 1794-1795.5
- 3 Commentary: Safety in numbers. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 161, 1043-1045 1.5
- 2 Commentary: Failure to rescue: What does it really measure?. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 1.5
- 1 Hassan Najafi, May 22, 1930-May 20, 2017. *Annals of Thoracic Surgery*, **2018**, 105, 339-342 2.7