

David M Shahian

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8621268/david-m-shahian-publications-by-year.pdf>

Version: 2024-04-04

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	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
200	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
199	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
198	Association of Volume and Outcomes in 234,556 Patients Undergoing Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
197	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
196	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
195	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
194	Evolving Cost-Quality Relationship in Pediatric Heart Surgery. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
193	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
192	Failure to Rescue: A New Society of Thoracic Surgeons Quality Metric for Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	5
191	The Society of Thoracic Surgeons Coronary Artery Bypass Graft Composite Measure: 2021 Methodology Update. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
190	Commentary: Safety in numbers. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1043-1045	1.5	
189	Commentary: Failure to rescue: What does it really measure?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	
188	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
187	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
186	The STS Participant-Level, Multiprocedural Composite Measure for Adult Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	2
185	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

184	Revisiting performance metrics for prediction with rare outcomes. <i>Statistical Methods in Medical Research</i> , 2021 , 30, 2352-2366	2.3	0
183	Commentary: Machine learning and cardiac surgery risk prediction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	0
182	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
181	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
180	Volume-Outcome Association of Mitral Valve Surgery in the United States. <i>JAMA Cardiology</i> , 2020 , 5, 1092-1101	16.2	24
179	Making the Case for Teaching Hospitals: Evolving Metrics and Methodologies. <i>Annals of Surgery</i> , 2020 , 271, 422-424	7.8	1
178	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
177	Estimating Resource Utilization in Congenital Heart Surgery. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 962-968	2.7	6
176	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
175	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
174	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
173	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
172	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
171	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 1407-1408	2.7	
170	National Variation in Congenital Heart Surgery Outcomes. <i>Circulation</i> , 2020 , 142, 1351-1360	16.7	16
169	Commentary: Driving improvement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 1794-1795	1.5	
168	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
167	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 College of Cardiology</i> , 2019 , 73, 2609-2635	15.1	45

166	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 Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e327-e354	2.7	4
165	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 Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e327-e354	5.8	
164	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 Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e327-e354	1.5	6
163	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 Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e327-e354	2.7	5
162	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
161	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
160	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
159	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
158	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 Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e650-684	2.7	9
157	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 Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e650-684	15.1	63
156	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 Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e650-684	1.5	1
155	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
154	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
153	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
152	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
151	The Society of Thoracic Surgeons National Database 2019 Annual Report. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1625-1632	2.7	52
150	Health Services Information: Lessons Learned from the Society of Thoracic Surgeons National Database. <i>Health Services Research</i> , 2019 , 217-239	0.3	
149	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

148	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
147	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>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, E153-E184	2.7	6
146	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 612-614	2.7	
145	Operative Outcomes of Multiple-Arterial Versus Single-Arterial Coronary Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1109-1119	2.7	70
144	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
143	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
142	Associations Between Surgical Ablation and Operative Mortality After Mitral Valve Procedures. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1790-1796	2.7	26
141	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
140	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
139	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
138	Determinants of Variation in Pneumonia Rates After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 513-520	2.7	15
137	Hassan Najafi, May 22, 1930-May 20, 2017. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 339-342	2.7	
136	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
135	The Society of Thoracic Surgeons National Database 2018 Annual Report. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1603-1611	2.7	37
134	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
133	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
132	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
131	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

130	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
129	The denominator problem: national hospital quality measures for acute myocardial infarction. <i>BMJ Quality and Safety</i> , 2017 , 26, 189-199	5.4	1
128	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
127	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
126	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
125	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
124	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
123	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
122	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
121	The Society of Thoracic Surgeons National Database 2017 Annual Report. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1774-1781	2.7	34
120	Risk Aversion and Public Reporting. Part 2: Mitigation Strategies. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 2102-2110	2.7	21
119	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
118	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
117	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
116	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
115	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
114	The Society of Thoracic Surgeons National Database 2016 Annual Report. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1790-1797	2.7	27
113	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

112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	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
102	Rating the Raters: The Inconsistent Quality of Health Care Performance Measurement. <i>Annals of Surgery</i> , 2016 , 264, 36-8	7.8	16
101	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
100	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 1521	2.7	
99	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
98	Gait Speed and Operative Mortality in Older Adults Following Cardiac Surgery. <i>JAMA Cardiology</i> , 2016 , 1, 314-21	16.2	98
97	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
96	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
95	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1312	2.7	

94	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
93	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
92	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
91	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
90	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
89	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, 2222-2231	15.1	66
88	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
87	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
86	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
85	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
84	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
83	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 , 100, 1024-11	2.7	7
82	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
81	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
80	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
79	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, 634-48	5.8	6
78	Population trends in rates of coronary revascularization. <i>JAMA Internal Medicine</i> , 2015 , 175, 454-6	11.5	31
77	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

76	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
75	Cost-effectiveness of revascularization strategies: the ASCERT study. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1-11	15.1	39
74	A Methodological Critique of the ProPublica Surgeon Scorecard 2015 ,		11
73	Health Services Information: Lessons Learned from the Society of Thoracic Surgeons National Database 2015 , 1-24		
72	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
71	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
70	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
69	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
68	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
67	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
66	Reply to letter: "Surgical statistics: let's act fast and grasp the opportunity". <i>Annals of Surgery</i> , 2014 , 259, e14-5	7.8	
65	Hospital teaching intensity and mortality for acute myocardial infarction, heart failure, and pneumonia. <i>Medical Care</i> , 2014 , 52, 38-46	3.1	30
64	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
63	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
62	Preoperative β -blockade in coronary artery bypass grafting surgery. <i>JAMA Internal Medicine</i> , 2014 , 174, 1328-9	11.5	3
61	The STS National Database. <i>Annals of Thoracic Surgery</i> , 2014 , 97, S48-54	2.7	28
60	Issues in quality measurement: target population, risk adjustment, and ratings. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 718-26	2.7	21
59	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

58	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
57	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
56	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
55	Aortic valve and ascending aorta guidelines for management and quality measures. <i>Annals of Thoracic Surgery</i> , 2013 , 95, S1-66	2.7	146
54	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
53	The society of thoracic surgeons national database. <i>Heart</i> , 2013 , 99, 1494-501	5.1	105
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	Percutaneous coronary interventions without on-site cardiac surgical backup. <i>New England Journal of Medicine</i> , 2012 , 366, 1814-23	59.2	17
44	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
43	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
42	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
41	Contemporary performance of U.S. teaching and nonteaching hospitals. <i>Academic Medicine</i> , 2012 , 87, 701-8	3.9	115

40	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
39	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
38	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 Cardiovascular Anesthesiologists, and Society of Thoracic Surgeons. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2584-2614	15.1	531
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	Clinical data registries and the future of healthcare quality. <i>Progress in Pediatric Cardiology</i> , 2011 , 32, 71-74	0.4	
35	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
34	Public reporting of cardiac surgery performance: Part 1--history, rationale, consequences. <i>Annals of Thoracic Surgery</i> , 2011 , 92, S2-11	2.7	114
33	Public reporting of cardiac surgery performance: Part 2--implementation. <i>Annals of Thoracic Surgery</i> , 2011 , 92, S12-23	2.7	74
32	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
31	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
30	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
29	Variability in the measurement of hospital-wide mortality rates. <i>New England Journal of Medicine</i> , 2010 , 363, 2530-9	59.2	164
28	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
27	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
26	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
25	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
24	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
23	The Society of Thoracic Surgeons 2008 cardiac surgery risk models: introduction. <i>Annals of Thoracic Surgery</i> , 2009 , 88, S1	2.7	67

22	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
21	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
20	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
19	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
18	Statistical risk modeling and outcomes analysis. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 1717-20	2.7	3
17	Comparison of "risk-adjusted" hospital outcomes. <i>Circulation</i> , 2008 , 117, 1955-63	16.7	100
16	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
15	Statistical and Clinical Aspects of Hospital Outcomes Profiling. <i>Statistical Science</i> , 2007 , 22,	2.4	117
14	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
13	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
12	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
11	Massachusetts cardiac surgery report card: implications of statistical methodology. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 2106-13	2.7	91
10	Cardiac surgery risk models: a position article. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1868-77	2.7	111
9	Contemporary management of superior pulmonary sulcus (Pancoast) lung tumors. <i>Current Opinion in Pulmonary Medicine</i> , 2003 , 9, 327-31	3	9
8	The volume-outcome relationship: from Luft to Leapfrog. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1048-58	2.7	160
7	Cardiac surgery report cards: comprehensive review and statistical critique. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 2155-68	2.7	211
6	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
5	Coronary artery bypass risk prediction using neural networks. <i>Annals of Thoracic Surgery</i> , 1997 , 63, 1635-43	2.7	65

4	Applications of statistical quality control to cardiac surgery. <i>Annals of Thoracic Surgery</i> , 1996 , 62, 1351-8; discussion 1358-9	2.7	35
3	Transvenous cardioverter defibrillators: cost implications of a less invasive approach. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995 , 18, 711-5	1.6	23
2	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
1	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