

# James Scott Rankin

## 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.

75 papers	1,677 citations	22 h-index	39 g-index
87 ext. papers	2,303 ext. citations	2.1 avg, IF	4.54 L-index

#	Paper	IF	Citations
75	The Society of Thoracic Surgeons 2017 Clinical Practice Guidelines for the Surgical Treatment of Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 103, 329-341	2.7	239
74	The Society of Thoracic Surgeons 2018 Adult Cardiac Surgery Risk Models: Part 2-Statistical Methods and Results. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 1419-1428	2.7	145
73	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> , <b>2018</b> , 105, 1411-1418	2.7	132
72	Isolated Mitral Valve Surgery: The Society of Thoracic Surgeons Adult Cardiac Surgery Database Analysis. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 716-727	2.7	114
71	Surgical Ablation of Atrial Fibrillation in the United States: Trends and Propensity Matched Outcomes. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 104, 493-500	2.7	80
70	The Society of Thoracic Surgeons risk model for operative mortality after multiple valve surgery. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 1484-90	2.7	68
69	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> , <b>2017</b> , 103, 587-593	2.7	62
68	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2017 Update on Outcomes and Quality. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 103, 18-24	2.7	60
67	The STS AVR+CABG composite score: a report of the STS Quality Measurement Task Force. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 1604-9	2.7	48
66	"Adjustable" artificial chordal replacement for repair of mitral valve prolapse. <i>Annals of Thoracic Surgery</i> , <b>2006</b> , 81, 1526-8	2.7	39
65	A refined hemispheric model of normal human aortic valve and root geometry. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 146, 103-108.e1	1.5	34
64	Mortality characteristics of aortic root surgery in North America. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 46, 887-93	3	33
63	A Regulated Trial of Bicuspid Aortic Valve Repair Supported by Geometric Ring Annuloplasty. <i>Annals of Thoracic Surgery</i> , <b>2015</b> , 99, 2010-6	2.7	32
62	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> , <b>2017</b> , 103, 1475-1481	2.7	31
61	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> , <b>2018</b> , 106, 8-13	2.7	30
60	A hemispherical model of aortic valvar geometry. <i>Journal of Heart Valve Disease</i> , <b>2008</b> , 17, 179-86		27
59	Associations Between Surgical Ablation and Operative Mortality After Mitral Valve Procedures. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 1790-1796	2.7	26

58	Geometric Ring Annuloplasty for Aortic Valve Repair During Aortic Aneurysm Surgery: Two-Year Clinical Trial Results. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2018</b> , 13, 248-253	1.5	26
57	Contemporary Surgical Management of Hypertrophic Cardiomyopathy in the United States. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 460-466	2.7	24
56	Volume-Outcome Association of Mitral Valve Surgery in the United States. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 1092-1101	16.2	24
55	In vivo testing of an intra-annular aortic valve annuloplasty ring in a chronic calf model. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 42, 149-54	3	24
54	Several new considerations in mitral valve repair. <i>Journal of Heart Valve Disease</i> , <b>2004</b> , 13, 399-409		23
53	The Impact of Mitral Disease Etiology on Operative Mortality After Mitral Valve Operations. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 106, 1406-1413	2.7	21
52	Twenty-five-year outcomes after multiple internal thoracic artery bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2013</b> , 145, 970-975	1.5	20
51	One-year mortality and costs associated with surgical ablation for atrial fibrillation concomitant to coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2017</b> , 52, 471-477	3	19
50	Leaflet reconstructive techniques for aortic valve repair. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 2053-60	2.7	19
49	Robotic mitral valve operations by experienced surgeons are cost-neutral and durable at 1 year. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 1040-1047	1.5	18
48	Technique for aortic valve annuloplasty using an intra-annular "hemispherical" frame. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 142, 933-6	1.5	18
47	Design characteristics of a three-dimensional geometric aortic valve annuloplasty ring. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2013</b> , 8, 364-70	1.5	16
46	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2016 Update on Research. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 7-13	2.7	15
45	A new approach to mitral valve repair for rheumatic disease: preliminary study. <i>Journal of Heart Valve Disease</i> , <b>2008</b> , 17, 614-9		13
44	Techniques of aortic valve repair. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2011</b> , 6, 348-54	1.5	12
43	A new mitral valve repair strategy for hypertrophic obstructive cardiomyopathy. <i>Journal of Heart Valve Disease</i> , <b>2008</b> , 17, 642-7		12
42	Oral anticoagulation may not be necessary for patients discharged in sinus rhythm after the Cox Maze IV procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 997-1006	1.5	11
41	Associations between valve repair and reduced operative mortality in 21,056 mitral/tricuspid double valve procedures. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2013</b> , 44, 472-6; discussion 476-7	3	11

40	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2017 Update on Research. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 104, 22-28	2.7	10
39	Bicuspid aortic valve repair using geometric ring annuloplasty: A first-in-humans pilot trial. <i>JTCVS Techniques</i> , <b>2020</b> , 1, 18-25	0.2	9
38	Does mitral valve repair offer an advantage over replacement in patients undergoing aortic valve replacement?. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 598-603; discussion 604	2.7	9
37	Increasing mitral valve repair rates with nonresectional techniques. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2011</b> , 6, 209-20	1.5	9
36	Surgical ablation of atrial fibrillation concomitant to coronary-artery bypass grafting provides cost-effective mortality reduction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 160, 675-686.e135	1.5	9
35	An intra-annular hemispherical annuloplasty frame for aortic valve repair. <i>Journal of Heart Valve Disease</i> , <b>2010</b> , 19, 97-103		9
34	The expanding role of mitral valve repair in triple valve operations: contemporary North American outcomes in 8,021 patients. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 1513-9; discussion 1519	2.7	8
33	Single leaflet reconstruction of pulmonic valve with decellularized bovine pericardium. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2017</b> , 24, 969-971	1.8	5
32	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2019 Update on Research. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 334-342	2.7	5
31	Robotic-assisted two-patch repair of right partial anomalous pulmonary venous connection and sinus venosus defect. <i>JTCVS Techniques</i> , <b>2020</b> , 4, 262-264	0.2	5
30	Surgical Treatment for Stand-Alone Atrial Fibrillation in North America. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 745-752	2.7	5
29	Immunotherapy for refractory pulmonary infection after adult cardiac surgery: immune dysregulation syndrome. <i>Journal of Heart Valve Disease</i> , <b>2005</b> , 14, 783-91		5
28	Transcatheter aortic valve-in-ring implantation: feasibility in an acute, preclinical, pilot trial. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 28, 908-915	1.8	4
27	Minimally invasive aortic valve repair using geometric ring annuloplasty. <i>Journal of Cardiac Surgery</i> , <b>2022</b> , 37, 70-75	1.3	3
26	Geometric ring annuloplasty for bicuspid aortic valve repair in a child. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, e135-e137	1.5	3
25	Aortic Valve Repair Using Geometric Ring Annuloplasty. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 26, 173-188	0.9	3
24	Current Approach to Surgical Ablation for Atrial Fibrillation. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 31, 141-145	1.7	2
23	Valve-sparing aortic root replacement in the presence of coronary anomalies. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1858-9	2.7	2

22	Minimally Invasive Bicuspid Aortic Valve Repair Using Geometric Ring Annuloplasty. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, e5-e7	2.7	2
21	The Society of Thoracic Surgeons 2021 Adult Cardiac Surgery Risk Models for Multiple Valve Operations. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	2
20	Robotic Aortic Valve Replacement: First 50 Cases. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	2
19	Techniques of autologous pericardial leaflet replacement for bicuspid aortic valve endocarditis. <i>Journal of Heart Valve Disease</i> , <b>2013</b> , 22, 724-31		2
18	Increasing Mitral Valve Repair Rates with Nonresectional Techniques. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2011</b> , 6, 209-220	1.5	1
17	Design Characteristics of a Three-Dimensional Geometric Aortic Valve Annuloplasty Ring. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2013</b> , 8, 364-370	1.5	1
16	Leaflet Dimensions as a Guide to Remodeling Annuloplasty During Aortic Valve Repair. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2021</b> , 16, 267-272	1.5	1
15	Quadricuspid Aortic Valve Repair Facilitated by Geometric Ring Annuloplasty. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2021</b> , 16, 390-392	1.5	1
14	Multiple Valve Repair Facilitated by Aortic Ring Annuloplasty. <i>Annals of Thoracic Surgery</i> , <b>2021</b> ,	2.7	1
13	Early Outcomes of Patients Undergoing Neoaortic Valve Repair Incorporating Geometric Ring Annuloplasty.. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , <b>2022</b> , 13, 304-309	1.1	1
12	Providing equipoise in the management of patients after surgical ablation with the Cox-Maze IV. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 152-153	1.5	0
11	Commentary: Ablation of atrial fibrillation: Clarity over heterogeneity. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	
10	Invited Commentary. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1219-20	2.7	
9	Reply. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1923-1924	2.7	
8	Surgical Approaches to Aortic Root Dissection. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 1483-1484	2.7	
7	A Geometric Model of the Normal Human Aortic Root and Design of a Fully Anatomic Aortic Root Graft. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2015</b> , 10, 57-62	1.5	
6	Techniques of Aortic Valve Repair. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , <b>2011</b> , 6, 348-354	1.5	
5	Rheumatic Double Valve Repair Using Two Remodeling Annuloplasty Rings. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, e69-e71	2.7	

4	Repair of Aortic Valve Insufficiency and Ascending Aortic Aneurysm Using Geometric Ring Annuloplasty. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, e33-e35	2.7
3	Commentary: Questionable statistical routines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 161, 1263-1265	1.5
2	Complex Repair of a Completely Fused Nullicuspid Aortic Valve Late in Adolescence. <i>World Journal for Pediatric &amp; Congenital Heart Surgery</i> , <b>2021</b> , 12, 790-793	1.1
1	Commentary: Dogma to diachronicity: Evolving to lesion-specific repair of Barlow valves.. <i>JTCVS Techniques</i> , <b>2021</b> , 10, 64-65	0.2