James Scott Rankin

List of Publications by Year
in descending order

87 papers	2,752 citations	236925 25 h-index	182427 51 g-index
87 all docs	87 docs citations	87 times ranked	2451 citing authors

#	Article	IF	Citations
1	The Society of Thoracic Surgeons 2017 Clinical Practice Guidelines for the Surgical Treatment of Atrial Fibrillation. Annals of Thoracic Surgery, 2017, 103, 329-341.	1.3	362
2	The Society of Thoracic Surgeons 2018 Adult Cardiac Surgery Risk Models: PartÂ1â€"Background, Design Considerations, and Model Development. Annals of Thoracic Surgery, 2018, 105, 1411-1418.	1.3	281
3	The Society of Thoracic Surgeons 2018ÂAdult Cardiac Surgery Risk Models:ÂPartÂ2â€"Statistical Methods andÂResults. Annals of Thoracic Surgery, 2018, 105, 1419-1428.	1.3	268
4	Isolated Mitral Valve Surgery: The Society of Thoracic Surgeons Adult Cardiac Surgery Database Analysis. Annals of Thoracic Surgery, 2018, 106, 716-727.	1.3	216
5	Surgical Ablation of Atrial Fibrillation in the United States: Trends and Propensity Matched Outcomes. Annals of Thoracic Surgery, 2017, 104, 493-500.	1.3	140
6	Performing Concomitant Tricuspid Valve Repair at the Time of Mitral Valve Operations Is Not Associated With Increased Operative Mortality. Annals of Thoracic Surgery, 2017, 103, 587-593.	1.3	95
7	The Society of Thoracic Surgeons Risk Model for Operative Mortality After Multiple Valve Surgery. Annals of Thoracic Surgery, 2013, 95, 1484-1490.	1.3	87
8	Volume-Outcome Association of Mitral Valve Surgery in the United States. JAMA Cardiology, 2020, 5, 1092.	6.1	84
9	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2017 Update on Outcomes and Quality. Annals of Thoracic Surgery, 2017, 103, 18-24.	1.3	80
10	The STS AVRÂ+ CABG Composite Score: A Report of the STS Quality Measurement Task Force. Annals of Thoracic Surgery, 2014, 97, 1604-1609.	1.3	56
11	A refined hemispheric model of normal human aortic valve and root geometry. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 103-108.e1.	0.8	50
12	Robotic mitral valve operations by experienced surgeons are cost-neutral and durable at 1Âyear. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1040-1047.	0.8	49
13	â€œAdjustableâ€•Artificial Chordal Replacement for Repair of Mitral Valve Prolapse. Annals of Thoracic Surgery, 2006, 81, 1526-1528.	1.3	44
14	A Regulated Trial of Bicuspid Aortic Valve Repair Supported by Geometric Ring Annuloplasty. Annals of Thoracic Surgery, 2015, 99, 2010-2016.	1.3	41
15	Contemporary Surgical Management of Hypertrophic Cardiomyopathy in the United States. Annals of Thoracic Surgery, 2019, 107, 460-466.	1.3	41
16	Mortality characteristics of aortic root surgery in North Americaâ€. European Journal of Cardio-thoracic Surgery, 2014, 46, 887-893.	1.4	39
17	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. Annals of Thoracic Surgery, 2017, 103, 1475-1481.	1.3	39
18	Associations Between Surgical Ablation and Operative Mortality After Mitral ValveÂProcedures. Annals of Thoracic Surgery, 2018, 105, 1790-1796.	1.3	39

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19	Geometric Ring Annuloplasty for Aortic Valve Repair during Aortic Aneurysm Surgery. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 248-253.	0.9	38
20	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2018 Update on Research: Outcomes Analysis, Quality Improvement, and Patient Safety. Annals of Thoracic Surgery, 2018, 106, 8-13.	1.3	37
21	Robotic aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1753-1759.	0.8	34
22	The Impact of Mitral Disease Etiology onÂOperative Mortality After Mitral ValveÂOperations. Annals of Thoracic Surgery, 2018, 106, 1406-1413.	1.3	33
23	A 'hemispherical' model of aortic valvar geometry. Journal of Heart Valve Disease, 2008, 17, 179-86.	0.5	30
24	One-year mortality and costs associated with surgical ablation for atrial fibrillation concomitant to coronary artery bypass graftingâ€. European Journal of Cardio-thoracic Surgery, 2017, 52, 471-477.	1.4	29
25	In vivo testing of an intra-annular aortic valve annuloplasty ring in a chronic calf model. European Journal of Cardio-thoracic Surgery, 2012, 42, 149-154.	1.4	28
26	Several new considerations in mitral valve repair. Journal of Heart Valve Disease, 2004, 13, 399-409.	0.5	25
27	Design Characteristics of a Three-Dimensional Geometric Aortic Valve Annuloplasty Ring. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 364-370.	0.9	22
28	Twenty-five-year outcomes after multiple internal thoracic artery bypass. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 970-975.	0.8	21
29	Oral anticoagulation may not be necessary for patients discharged in sinus rhythm after the Cox Maze IV procedure. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 997-1006.	0.8	21
30	Surgical ablation of atrial fibrillation concomitant to coronary-artery bypass grafting provides cost-effective mortality reduction. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 675-686.e13.	0.8	21
31	Technique for aortic valve annuloplasty using an intra-annular â€œhemisphericalâ€•frame. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 933-936.	0.8	20
32	Leaflet Reconstructive Techniques for Aortic ValveÂRepair. Annals of Thoracic Surgery, 2014, 98, 2053-2060.	1.3	20
33	Robotic Aortic Valve Replacement: First 50 Cases. Annals of Thoracic Surgery, 2022, 114, 720-726.	1.3	20
34	Aortic Valve Repair Using Geometric Ring Annuloplasty. Operative Techniques in Thoracic and Cardiovascular Surgery, 2021, 26, 173-188.	0.3	18
35	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2016 Update on Research. Annals of Thoracic Surgery, 2016, 102, 7-13.	1.3	17
36	Techniques of Aortic Valve Repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 348-354.	0.9	16

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37	Surgical Treatment for Stand-Alone AtrialÂFibrillation in North America. Annals of Thoracic Surgery, 2020, 109, 745-752.	1.3	16
38	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2017 Update onÂResearch. Annals of Thoracic Surgery, 2017, 104, 22-28.	1.3	15
39	The opioid epidemic and intravenous drugâ€“associated endocarditis: A path forward. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1273-1278.	0.8	15
40	Bicuspid aortic valve repair using geometric ring annuloplasty: A first-in-humans pilot trial. JTCVS Techniques, 2020, 1, 18-25.	0.4	15
41	The Society of Thoracic Surgeons 2021 Adult Cardiac Surgery Risk Models for Multiple Valve Operations. Annals of Thoracic Surgery, 2022, 113, 511-518.	1.3	15
42	Aortic valve repair for tri-leaflet aortic insufficiency associated with asymmetric aortic root aneurysms. Annals of Cardiothoracic Surgery, 2019, 8, 426-429.	1.7	14
43	A new approach to mitral valve repair for rheumatic disease: preliminary study. Journal of Heart Valve Disease, 2008, 17, 614-9.	0.5	14
44	Associations between valve repair and reduced operative mortality in 21 056 mitral/tricuspid double valve procedures. European Journal of Cardio-thoracic Surgery, 2013, 44, 472-477.	1.4	13
45	Does Mitral Valve Repair Offer an Advantage OverÂReplacement in Patients Undergoing Aortic Valve Replacement?. Annals of Thoracic Surgery, 2014, 98, 598-604.	1.3	13
46	Minimally invasive aortic valve repair using geometric ring annuloplasty. Journal of Cardiac Surgery, 2022, 37, 70-75.	0.7	13
47	A new mitral valve repair strategy for hypertrophic obstructive cardiomyopathy. Journal of Heart Valve Disease, 2008, 17, 642-7.	0.5	13
48	Increasing Mitral Valve Repair Rates with Nonresectional Techniques. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 209-220.	0.9	10
49	The Expanding Role of Mitral Valve Repair in Triple Valve Operations: Contemporary North American Outcomes in 8,021 Patients. Annals of Thoracic Surgery, 2014, 97, 1513-1519.	1.3	10
50	Current Approach to Surgical Ablation for Atrial Fibrillation. Seminars in Thoracic and Cardiovascular Surgery, 2019, 31, 141-145.	0.6	10
51	An intra-annular 'hemispherical' annuloplasty frame for aortic valve repair. Journal of Heart Valve Disease, 2010, 19, 97-103.	0.5	10
52	Early results of geometric ring annuloplasty for bicuspid aortic valve repair during aortic aneurysm surgery. JTCVS Techniques, 2022, 14, 55-65.	0.4	9
53	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2019 Update on Research. Annals of Thoracic Surgery, 2019, 108, 334-342.	1.3	8
54	Respectful resection to enhance the armamentarium of mitral valve repair: Is less really more?. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1854-1855.	0.8	6

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55	Transcatheter aortic valve-in-ring implantation: feasibility in an acute, preclinical, pilot trial. Interactive Cardiovascular and Thoracic Surgery, 2019, 28, 908-915.	1.1	6
56	Robotic-assisted two-patch repair of right partial anomalous pulmonary venous connection and sinus venosus defect. JTCVS Techniques, 2020, 4, 262-264.	0.4	6
57	Contemporary left atrial appendage management during adult cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2023, 165, 1398-1404.	0.8	6
58	Early Outcomes of Patients Undergoing Neoaortic Valve Repair Incorporating Geometric Ring Annuloplasty. World Journal for Pediatric & Congenital Heart Surgery, 2022, 13, 304-309.	0.8	6
59	Single leaflet reconstruction of pulmonic valve with decellurized bovine pericardium. Interactive Cardiovascular and Thoracic Surgery, 2017, 24, 969-971.	1.1	5
60	Immunotherapy for refractory pulmonary infection after adult cardiac surgery: immune dysregulation syndrome. Journal of Heart Valve Disease, 2005, 14, 783-91.	0.5	5
61	Seeing the entire forest in endocarditis. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 681-682.	0.8	4
62	Geometric ring annuloplasty for bicuspid aortic valve repair in a child. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, e135-e137.	0.8	4
63	Leaflet Dimensions as a Guide to Remodeling Annuloplasty During Aortic Valve Repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 267-272.	0.9	4
64	Valve-Sparing Aortic Root Replacement in the Presence of Coronary Anomalies. Annals of Thoracic Surgery, 2014, 98, 1858-1859.	1.3	3
65	Providing equipoise in the management of patients after surgical ablation with the Cox-Maze IV. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 152-153.	0.8	3
66	Aortic valve repair for isolated right coronary leaflet prolapse. JTCVS Techniques, 2022, 13, 26-30.	0.4	3
67	Concomitant aortic valve repair for aortic insufficiency and implantation of left ventricle mechanical support. Journal of Cardiac Surgery, 2022, , .	0.7	3
68	It's a Team Sport. Seminars in Thoracic and Cardiovascular Surgery, 2019, 31, 442-443.	0.6	2
69	Minimally Invasive Bicuspid Aortic Valve Repair Using Geometric Ring Annuloplasty. Annals of Thoracic Surgery, 2020, 109, e5-e7.	1.3	2
70	Increasing Mitral Valve Repair Rates with Nonresectional Techniques. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 209-220.	0.9	2
71	Techniques of autologous pericardial leaflet replacement for bicuspid aortic valve endocarditis. Journal of Heart Valve Disease, 2013, 22, 724-31.	0.5	2
72	The importance of atrial fibrillation at the time of coronary artery bypass grafting: Join in the chorus. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1534-1535.	0.8	1

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73	Atrial fibrillation and coronary artery bypass grafting: The question is no longer why, but why not?. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2368.	0.8	1
74	Rheumatic Double Valve Repair Using Two Remodeling Annuloplasty Rings. Annals of Thoracic Surgery, 2019, 108, e69-e71.	1.3	1
75	Quadricuspid Aortic Valve Repair Facilitated by Geometric Ring Annuloplasty. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 390-392.	0.9	1
76	Multiple Valve Repair Facilitated by Aortic Ring Annuloplasty. Annals of Thoracic Surgery, 2021, , .	1.3	1
77	Design Characteristics of a Three-Dimensional Geometric Aortic Valve Annuloplasty Ring. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 364-370.	0.9	1
78	Invited Commentary. Annals of Thoracic Surgery, 2016, 102, 1219-1220.	1.3	0
79	Reply. Annals of Thoracic Surgery, 2019, 108, 1923-1924.	1.3	0
80	Repair of Aortic Valve Insufficiency and Ascending Aortic Aneurysm Using Geometric Ring Annuloplasty. Annals of Thoracic Surgery, 2020, 109, e33-e35.	1.3	0
81	Commentary: Ablation of atrial fibrillation: Clarity over heterogeneity. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 994-996.	0.8	0
82	Commentary: Questionable statistical routines. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1263-1265.	0.8	0
83	Complex Repair of a Completely Fused Nullicuspid Aortic Valve Late in Adolescence. World Journal for Pediatric & Congenital Heart Surgery, 2021, 12, 215013512110178.	0.8	0
84	Commentary: Dogma to diachronicity: Evolving to lesion-specific repair of Barlow valves. JTCVS Techniques, 2021, 10, 64-65.	0.4	0
85	Techniques of Aortic Valve Repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 348-354.	0.9	0
86	A Geometric Model of the Normal Human Aortic Root and Design of a Fully Anatomic Aortic Root Graft. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2015, 10, 57-62.	0.9	0
87	Surgical Approaches to Aortic Root Dissection. Annals of Thoracic Surgery, 2020, 110, 1483-1484.	1.3	0