List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10775483/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	2012 HRS/EHRA/ECAS Expert Consensus Statement on Catheter and Surgical Ablation of Atrial Fibrillation: Recommendations for Patient Selection, Procedural Techniques, Patient Management and 2012 HRS/Edited Statement on Catheter and Statement on Catheter and Starger Ablation of Atrial 2012 HRS/Edited Statement on Catheter and Starger Ablation of Atrial	0.7	1,541
2	Fibrillation: Recommendations for Patient Selection, Procedural Techniques, Patient Management and Follow-up, Definitions, Endpoints, and Research Trial Design: A report of the Heart Rhythm Society (HRS) Task Force on Catheter and Surgical Ablation of Atrial Fibrillation. Developed in partnership with the European Heart Rhythm Association (EHRA), a registered branch of the European Society of	1.7	1,497
3	Cardiology (ESC) and the E. Europace, 2012, 14, 528-606. HRS/EHRA/ECAS Expert Consensus Statement on Catheter and Surgical Ablation of Atrial Fibrillation: Recommendations for Personnel, Policy, Procedures and Follow-Up. Heart Rhythm, 2007, 4, 816-861.	0.7	1,258
4	2012 HRS/EHRA/ECAS expert consensus statement on catheter and surgical ablation of atrial fibrillation: recommendations for patient selection, procedural techniques, patient management and follow-up, definitions, endpoints, and research trial design. Journal of Interventional Cardiac Electrophysiology, 2012, 33, 171-257. Comment on Catheter and Surgical Ablation of Arrial Fibrillation:	1.3	1,167
5	Recommendations for Personnel, Policy, Procedures and Follow-Up: A report of the Heart Rhythm Society (HRS) Task Force on Catheter and Surgical Ablation of Atrial Fibrillation Developed in partnership with the European Heart Rhythm Association (EHRA) and the European Cardiac Arrhythmia Society (ECAS): in collaboration with the American College of Cardiology (ACC). American Heart	1.7	741
6	Association (AHA), and the Soci. Europace, 2007, 9, 335-379. The Cox maze III procedure for atrial fibrillation: long-term efficacy in patients undergoing lone versus concomitant procedures. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 1822-1827.	0.8	542
7	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
8	A prospective, single-center clinical trial of a modified Cox maze procedure with bipolar radiofrequency ablation. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 535-542.	0.8	306
9	Noninvasive Characterization of Epicardial Activation in Humans With Diverse Atrial Fibrillation Patterns. Circulation, 2010, 122, 1364-1372.	1.6	284
10	Use of the voice-controlled and computer-assisted surgical system zeus for endoscopic coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 1999, 118, 11-16.	0.8	264
11	Inflammation of Atrium After Cardiac Surgery Is Associated With Inhomogeneity of Atrial Conduction and Atrial Fibrillation. Circulation, 2005, 111, 2881-2888.	1.6	261
12	Aortic Enlargement and Late Reoperation After Repair of Acute Type A Aortic Dissection. Annals of Thoracic Surgery, 2007, 84, 479-487.	1.3	237
13	Exclusion of the left atrial appendage with a novel device: Early results of a multicenter trial. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 1002-1009.e1.	0.8	227
14	The Cox maze IV procedure: Predictors of late recurrence. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 113-121.	0.8	224
15	Surgical treatment of atrial fibrillation: Predictors of late recurrence. Journal of Thoracic and Cardiovascular Surgery, 2005, 129, 104-111.	0.8	202
16	Aortic Valve Replacement in Octogenarians: Risk Factors for Early and Late Mortality. Annals of Thoracic Surgery, 2007, 83, 1651-1657.	1.3	200
17	The Cox-Maze Procedure for Lone Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 8-14.	4.8	192
18	The long-term outcome of patients with coronary disease and atrial fibrillation undergoing the cox maze procedure. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 2016-2021.	0.8	187

#	Article	IF	CITATIONS
19	The effect of ablation technology on surgical outcomes after the Cox-maze procedure: A propensity analysis. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 389-396.	0.8	159
20	Chronic transmural atrial ablation by using bipolar radiofrequency energy on the beating heart. Journal of Thoracic and Cardiovascular Surgery, 2002, 124, 708-713.	0.8	158
21	The persistent problem of new-onset postoperative atrial fibrillation: A single-institution experience over two decades. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 559-570.	0.8	155
22	Repair of ischemic mitral regurgitation does not increase mortality or improve long-term survival in patients undergoing coronary artery revascularization: A propensity analysis. Annals of Thoracic Surgery, 2004, 78, 794-799.	1.3	149
23	Impact of pulmonary hypertension on outcomes after aortic valve replacement for aortic valve stenosis. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 1424-1430.	0.8	146
24	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
25	Does the extent of proximal or distal resection influence outcome for type A dissections?. Annals of Thoracic Surgery, 2001, 71, 1244-1249.	1.3	139
26	Multivariate analysis of risk factors for deep and superficial sternal infection after coronary artery bypass grafting at a tertiary care medical center. Seminars in Thoracic and Cardiovascular Surgery, 2004, 16, 53-61.	0.6	132
27	Isolating the entire posterior left atrium improves surgical outcomes after the Cox maze procedure. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 870-877.	0.8	129
28	Expert consensus guidelines: Examining surgical ablation for atrial fibrillation. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1330-1354.e1.	0.8	125
29	Recurrent Mitral Regurgitation and Risk Factors for Early and Late Mortality After Mitral Valve Repair for Functional Ischemic Mitral Regurgitation. Annals of Thoracic Surgery, 2008, 85, 1537-1543.	1.3	123
30	Late outcomes after the Cox maze IV procedure for atrial fibrillation. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 1168-1178.e2.	0.8	123
31	Physiological consequences of bipolar radiofrequency energy on the atria and pulmonary veins: a chronic animal study. Annals of Thoracic Surgery, 2003, 76, 836-842.	1.3	121
32	Prosthesis-Patient Mismatch After Aortic Valve Replacement: Impact of Age and Body Size on Late Survival. Annals of Thoracic Surgery, 2006, 81, 481-489.	1.3	120
33	The effect of robotic assistance on learning curves for basic laparoscopic skills. American Journal of Surgery, 2002, 183, 702-707.	1.8	119
34	Surgical robotics: Impact of motion scaling on task performance. Journal of the American College of Surgeons, 2004, 199, 863-868.	0.5	113
35	Initial United States clinical trial of robotically assisted endoscopic coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 2000, 119, 77-82.	0.8	111
36	The Cox-maze IV procedure for lone atrial fibrillation: a single center experience in 100 consecutive patients. Journal of Interventional Cardiac Electrophysiology, 2011, 31, 47-54.	1.3	102

#	Article	IF	CITATIONS
37	Robotically assisted microsurgery for endoscopic coronary artery bypass grafting. Annals of Thoracic Surgery, 1998, 66, 1064-1067.	1.3	101
38	Vagal denervation and reinnervation after ablation of ganglionated plexi. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 444-452.	0.8	99
39	Prognostic utility of novel biomarkers of cardiovascular stress in patients with aortic stenosis undergoing valve replacement. Heart, 2015, 101, 1382-1388.	2.9	90
40	A Prospective Multicenter Trial of Bipolar Radiofrequency Ablation for Atrial Fibrillation: Early Results. Annals of Thoracic Surgery, 2004, 78, 1665-1670.	1.3	86
41	Successful Performance of Cox-Maze Procedure on Beating Heart Using Bipolar Radiofrequency Ablation: A Feasibility Study in Animals. Annals of Thoracic Surgery, 2004, 78, 1671-1677.	1.3	85
42	Concomitant tricuspid valve surgery during implantation of continuous-flow left ventricular assist devices: A Society of Thoracic Surgeons database analysis. Journal of Heart and Lung Transplantation, 2014, 33, 609-617.	0.6	84
43	Importance of Geometry and Refractory Period in Sustaining Atrial Fibrillation. Circulation, 2005, 112, I7-13.	1.6	82
44	Atrial fibrillation propagates through gaps in ablation lines: Implications for ablative treatment of atrial fibrillation. Heart Rhythm, 2008, 5, 1296-1301.	0.7	81
45	Efficacy and safety of right and left atrial ablations on the beating heart with irrigated bipolar radiofrequency energy: A long-term animal study. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 853-860.	0.8	80
46	Alternative energy sources for atrial ablation: judging the new technology. Annals of Thoracic Surgery, 2003, 75, 329-330.	1.3	78
47	Elective cardiac arrest with a hyperpolarizing adenosine triphosphate–sensitive potassium channel opener. Journal of Thoracic and Cardiovascular Surgery, 1993, 106, 317-328.	0.8	77
48	Performance of the Cox-maze IV procedure is associated with improved long-term survival in patients with atrial fibrillation undergoing cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 159-170.	0.8	74
49	Cox-Maze IV Results for Patients With Lone Atrial Fibrillation Versus Concomitant Mitral Disease. Annals of Thoracic Surgery, 2012, 93, 789-795.	1.3	67
50	Initial prospective multicenter clinical trial of robotically-assisted coronary artery bypass grafting. Annals of Thoracic Surgery, 2001, 72, 1263-1269.	1.3	65
51	Animal studies of epicardial atrial ablation. Heart Rhythm, 2009, 6, S41-S45.	0.7	64
52	Impact of Complete Revascularization on Long-Term Survival After Coronary Artery Bypass Grafting in Octogenarians. Annals of Thoracic Surgery, 2005, 80, 112-117.	1.3	61
53	Microwave Ablation for Atrial Fibrillation: Dose-Response Curves in the Cardioplegia-Arrested and Beating Heart. Annals of Thoracic Surgery, 2006, 81, 72-76.	1.3	61
54	Spatial and temporal stability of the dominant frequency of activation in human atrial fibrillation. Journal of Electrocardiology, 2006, 39, S7-S12.	0.9	61

#	Article	IF	CITATIONS
55	The Cox-maze IV procedure in its second decade: still the gold standard?. European Journal of Cardio-thoracic Surgery, 2018, 53, i19-i25.	1.4	61
56	Epicardial microwave ablation on the beating heart for atrial fibrillation: The dependency of lesion depth on cardiac output. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 355-360.	0.8	56
57	Comparison of Skill Training with Robotic Systems and Traditional Endoscopy: Implications on Training and Adoption. Journal of Surgical Research, 2005, 125, 23-29.	1.6	53
58	Sensing/pacing lead complications with a newer generation implantable cardioverter-defibrillator: Worldwide experience from the guardian ATP 4210 clinical trial. Journal of the American College of Cardiology, 1994, 23, 123-132.	2.8	52
59	A New Era in the Surgical Treatment of Atrial Fibrillation. Transactions of the Meeting of the American Surgical Association, 2006, 124, 248-257.	2.8	52
60	A minimally invasive Cox maze IV procedure is as effective as sternotomy while decreasing major morbidity and hospital stay. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 955-962.	0.8	51
61	Implantable Transvenous Cardioverter Defibrillator Leads: The Dark Side. PACE - Pacing and Clinical Electrophysiology, 1996, 19, 1273-1278.	1.2	50
62	The CURE-AF trial: A prospective, multicenter trial of irrigated radiofrequency ablation for the treatment of persistent atrial fibrillation during concomitant cardiac surgery. Heart Rhythm, 2014, 11, 39-45.	0.7	50
63	The long-term outcomes and durability of the Cox-Maze IV procedure for atrial fibrillation. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 629-641.e7.	0.8	49
64	Robotic cardiac surgery: overview. Surgical Clinics of North America, 2003, 83, 1351-1367.	1.5	48
65	POINT: Prosthesis–patient mismatch does not affect survival for patients greater than 70 years of age undergoing bioprosthetic aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 278-283.	0.8	48
66	Incremental risk of the Cox-maze IV procedure for patients with atrial fibrillation undergoing mitral valve surgery. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 1072-1077.	0.8	48
67	Prospective evaluation of patients readmitted after cardiac surgery: Analysis of outcomes and identification of risk factors. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1013-1020.	0.8	48
68	Sensing Lead-Related Complications in Patients With Transvenous Implantable Cardioverter-Defibrillators. American Journal of Cardiology, 1996, 78, 647-651.	1.6	47
69	Elective Surgery for Thoracic Aortic Aneurysms: Late Functional Status and Quality of Life. Annals of Thoracic Surgery, 2006, 82, 573-578.	1.3	47
70	Predictors and Risk of Pacemaker Implantation After the Cox-Maze IV Procedure. Annals of Thoracic Surgery, 2013, 95, 2015-2021.	1.3	47
71	The impact of CHADS2 score on late stroke after the Cox maze procedure. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 85-89.	0.8	47
72	The impact of surgical strategy on survival after repair of type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 294-301.e1.	0.8	47

#	Article	IF	CITATIONS
73	Clostridium Difficile in Cardiac Surgery: Risk Factors and Impact on Postoperative Outcome. Annals of Thoracic Surgery, 2007, 83, 1396-1402.	1.3	45
74	Systemic inflammatory response syndrome after transcatheter or surgical aortic valve replacement. Heart, 2015, 101, 537-545.	2.9	45
75	Atrial Tachyarrhythmias After the Maze Procedure: Incidence and Prognosis. Circulation, 2004, 110, II-164-II-168.	1.6	44
76	Importance of atrial surface area and refractory period in sustaining atrial fibrillation: Testing the critical mass hypothesis. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 593-598.	0.8	44
77	Importance of Blood Pressure Control After Repair of Acute Type A Aortic Dissection: 25‥ear Followâ€Up in 252 Patients. Journal of Clinical Hypertension, 2013, 15, 63-68.	2.0	44
78	Oxidative Stress Biomarkers and Incidence of Postoperative Atrial Fibrillation in the Omegaâ€3 Fatty Acids for Prevention of Postoperative Atrial Fibrillation (OPERA) Trial. Journal of the American Heart Association, 2015, 4, .	3.7	43
79	Potassium and Magnesium Supplementation Do Not Protect Against Atrial Fibrillation After Cardiac Operation: A Time-Matched Analysis. Annals of Thoracic Surgery, 2016, 102, 1181-1188.	1.3	43
80	Ablation Technology for the Surgical Treatment of Atrial Fibrillation. ASAIO Journal, 2013, 59, 461-468.	1.6	42
81	Surgical ablation for atrial fibrillation. Current Opinion in Cardiology, 2015, 30, 58-64.	1.8	41
82	Hyperpolarized cardiac arrest with a potassium-channel opener, aprikalim. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 1083-1095.	0.8	40
83	Surgical ablation devices for atrial fibrillation. Journal of Interventional Cardiac Electrophysiology, 2007, 20, 73-82.	1.3	40
84	Clinical and Functional Outcomes Associated With Myocardial Injury AfterÂTransfemoral and Transapical Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2015, 8, 1468-1479.	2.9	40
85	Postoperative atrial fibrillation: The role of the inflammatory response. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1357-1365.	0.8	39
86	Associations Between Surgical Ablation and Operative Mortality After Mitral ValveÂProcedures. Annals of Thoracic Surgery, 2018, 105, 1790-1796.	1.3	39
87	Effects of distant potentials on unipolar electrograms in an animal model utilizing the right ventricular isolation procedure. Journal of the American College of Cardiology, 1988, 11, 1100-1109.	2.8	38
88	The Surgical Treatment of Atrial Fibrillation. Surgical Clinics of North America, 2009, 89, 1001-1020.	1.5	37
89	The profound impact of combined severe acidosis and malperfusion on operative mortality in the surgical treatment of type A aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 897-904.	0.8	37
90	Myocardial protection with potassium-channel openers is as effective as St. Thomas' solution in the rabbit heart. Annals of Thoracic Surgery, 1996, 62, 31-39.	1.3	36

#	Article	IF	CITATIONS
91	Influence of internal mammary artery grafting and completeness of revascularization on long-term outcome in octogenarians. Annals of Thoracic Surgery, 2001, 72, 2003-2007.	1.3	35
92	Impact of Perfusion Strategy on Neurologic Recovery in Acute Type A Aortic Dissection. Annals of Thoracic Surgery, 2007, 83, 2122-2129.	1.3	35
93	Illustrated techniques for performing the Cox-Maze IV procedure through a right mini-thoracotomy. Annals of Cardiothoracic Surgery, 2014, 3, 105-16.	1.7	35
94	Myocardial protection with pinacidil cardioplegia in the blood-perfused heart. Annals of Thoracic Surgery, 1996, 61, 1680-1688.	1.3	34
95	Noninvasive electrocardiographic imaging (ECGI) of scar-related atypical atrial flutter. Heart Rhythm, 2007, 4, 1565-1567.	0.7	34
96	Detection of Atrial Fibrillation After Surgical Ablation: Conventional Versus Continuous Monitoring. Annals of Thoracic Surgery, 2016, 101, 42-48.	1.3	34
97	Robotics in cardiac surgery: The emperor's new clothes. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 559-561.	0.8	33
98	Learning Alternative Access Approaches for Transcatheter Aortic Valve Replacement: Implications for New Transcatheter Aortic ValveÂReplacement Centers. Annals of Thoracic Surgery, 2017, 103, 1399-1405.	1.3	31
99	Atrial fibrillation ablation during mitral valve surgery using the Atricureâ,,¢ device. Operative Techniques in Thoracic and Cardiovascular Surgery, 2004, 9, 24-33.	0.3	30
100	The effects of the Cox maze procedure on atrial function. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 1257-1264.e3.	0.8	29
101	The surgical treatment of atrial fibrillation. Heart Rhythm, 2009, 6, S45-S50.	0.7	29
102	Evaluation of Revascularization Subtypes in Octogenarians Undergoing Coronary Artery Bypass Grafting. Circulation, 2009, 120, S65-9.	1.6	28
103	Chronic performance of a novel radiofrequency ablation device on the beating heart: Limitations of conduction delay to assess transmurality. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 859-865.	0.8	28
104	Quality of life and survival after transmyocardial laser revascularization with the holmium:YAG laser. Annals of Thoracic Surgery, 2003, 75, 1842-1848.	1.3	27
105	Complete Coronary Revascularization Improves Survival in Octogenarians. Annals of Thoracic Surgery, 2016, 102, 505-511.	1.3	27
106	Preoperative pulmonary function tests predict mortality after surgical or transcatheter aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 578-586.e2.	0.8	27
107	Is there an alternative to potassium arrest?. Annals of Thoracic Surgery, 1995, 60, 858-863.	1.3	26
108	Surgical Techniques Used for the Treatment of Atrial Fibrillation. Circulation Journal, 2013, 77, 1941-1951.	1.6	26

#	Article	IF	CITATIONS
109	The impact of 6Âweeks of atrial fibrillation on left atrial and ventricular structure and function. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 1602-1608.e1.	0.8	26
110	Optimizing motion scaling and magnification in robotic surgery. Surgery, 2004, 136, 291-294.	1.9	25
111	Effectiveness of Surgical Ablation in Patients With Atrial Fibrillation and Aortic Valve Disease. Annals of Thoracic Surgery, 2015, 100, 1253-1260.	1.3	24
112	Comparison of the stand-alone Cox-Maze IV procedure to the concomitant Cox-Maze IV and mitral valve procedure for atrial fibrillation. Annals of Cardiothoracic Surgery, 2014, 3, 55-61.	1.7	24
113	Robotics in surgery. Current Problems in Surgery, 2004, 41, 752-810.	1.1	23
114	A Minimally Invasive Cox-Maze Procedure Operative Technique and Results. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 281-286.	0.9	23
115	Cardiothoracic surgery training grants provide protected research time vital to the development of academic surgeons. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2050-2056.	0.8	23
116	Potassium-channel opener cardioplegia is superior to St. Thomas' solution in the intact animal. Annals of Thoracic Surgery, 1999, 68, 67-74.	1.3	22
117	Computer-assisted endoscopic coronary artery bypass anastomoses: a chronic animal study. Annals of Thoracic Surgery, 1999, 68, 838-843.	1.3	22
118	Factors Affecting Survival After Mitral Valve Replacement in Patients With Prosthesis–Patient Mismatch. Annals of Thoracic Surgery, 2010, 90, 1202-1211.	1.3	22
119	Performance of a Novel Dual-Electrode Bipolar Radiofrequency Ablation Device a Chronic Porcine Study. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 17-22.	0.9	22
120	A 20-year multicenter analysis of dialysis-dependent patients who had aortic or mitral valve replacement: Implications for valve selection. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 805-813.e2.	0.8	22
121	Surgical ablation for atrial fibrillation: The efficacy of a novel bipolar pen device in the cardioplegically arrested and beating heart. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 1295-1301.	0.8	21
122	Efficacy of a novel bipolar radiofrequency ablation device on the beating heart for atrial fibrillation ablation: A long-term porcine study. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, 203-208.	0.8	21
123	The effects of inflammation on heart rate and rhythm in a canine model of cardiac surgery. Heart Rhythm, 2012, 9, 432-439.	0.7	20
124	Late results of the Cox-maze IV procedure in patients undergoing coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1087-1094.	0.8	20
125	The Cox-Maze IV procedure for atrial fibrillation is equally efficacious in patients with rheumatic and degenerative mitral valve disease. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 835-844.	0.8	20
126	Electrophysiologic Effects of Surgical Isolation of the Right Ventricle. Annals of Thoracic Surgery, 1986, 42, 65-69.	1.3	19

#	Article	IF	CITATIONS
127	Left Ventricular Assist Device Inflow Angle and Pump Positional Change Over Time Adverse Impact on Left Ventricular Assist Device Function. Annals of Thoracic Surgery, 2016, 102, 1933-1940.	1.3	19
128	Biatrial lesion sets. Journal of Interventional Cardiac Electrophysiology, 2007, 20, 95-99.	1.3	18
129	2,3-Butanedione monoxime cardioplegia: advantages over hyperkalemia in blood-perfused isolated hearts. Annals of Thoracic Surgery, 1999, 67, 618-623.	1.3	17
130	The Electrophysiology of Ischemia and Cardioplegia: Implications for Myocardial Protection. Journal of Cardiac Surgery, 1995, 10, 445-453.	0.7	16
131	Advantages of continuous hyperpolarized arrest with pinacidil over St. Thomas' hospital solution during prolonged ischemia. Journal of Thoracic and Cardiovascular Surgery, 1998, 116, 131-138.	0.8	16
132	The Cox-Maze IV procedure for lone atrial fibrillation. Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery, 2007, 2007, mmcts.2007.002758.	0.1	16
133	Performance of a Novel Bipolar/Monopolar Radiofrequency Ablation Device on the Beating Heart in an Acute Porcine Model. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 276-283.	0.9	16
134	Epicardial ablation on the beating heart: progress towards an off-pump maze procedure. Heart Surgery Forum, 2002, 5, 100-4.	0.5	16
135	Donor heart preservation with the potassium channel opener pinacidil: comparison with University of Wisconsin and St. Thomas' solution. Journal of Heart and Lung Transplantation, 2000, 19, 286-297.	0.6	15
136	Minimally invasive surgery for atrial fibrillation. Trends in Cardiovascular Medicine, 2016, 26, 268-277.	4.9	15
137	A Minimally Invasive Stand-Alone Cox-Maze Procedure is as Effective as Median Sternotomy Approach. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2017, 12, 186-191.	0.9	15
138	Long-Term Survival Prediction for Coronary Artery Bypass Grafting: Validation of the ASCERT Model Compared With The Society of Thoracic Surgeons Predicted Risk of Mortality. Annals of Thoracic Surgery, 2018, 105, 1336-1343.	1.3	15
139	The hemodynamic and atrial electrophysiologic consequences of chronic left atrial volume overload in a controllable canine model. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1871-1879.e1.	0.8	15
140	Impact of Surgical Experience on Operative Mortality After Reoperative Cardiac Surgery. Annals of Thoracic Surgery, 2020, 110, 1909-1916.	1.3	15
141	The impact of uncorrected mild aortic insufficiency at theÂtime of left ventricular assist device implantation. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 1490-1500.e3.	0.8	15
142	Prevention of cell swelling with low chloride St. Thomas' Hospital solution improves postischemic myocardial recovery. Journal of Thoracic and Cardiovascular Surgery, 1998, 115, 1196-1202.	0.8	14
143	Donor heart preservation with a novel hyperpolarizing solution: Superior protection compared with University of Wisconsin solution. Journal of Thoracic and Cardiovascular Surgery, 2000, 120, 746-754.	0.8	14
144	A minimally invasive surgical treatment for inappropriate sinus tachycardia. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 598-599.	0.8	14

#	Article	IF	CITATIONS
145	Surgery for Lone Atrial Fibrillation: Present State-of-the-Art. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2009, 4, 248-255.	0.9	14
146	Robotically Assisted Coronary Artery Bypass Grafting: A Prospective Single Center Clinical Trial. Journal of Cardiac Surgery, 2010, 15, 256-265.	0.7	14
147	Epicardial Ablation Performance of a Novel Radiofrequency Device on the Beating Heart in Pigs. Annals of Thoracic Surgery, 2014, 97, 673-678.	1.3	14
148	Outcomes of Repeat Mitral Valve Surgery in Patients with Pulmonary Hypertension. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2015, 10, 120-124.	0.9	14
149	Myocardial protection in the acutely injured heart: Hyperpolarizing versus depolarizing hypothermic cardioplegia. Journal of Thoracic and Cardiovascular Surgery, 1997, 113, 567-575.	0.8	13
150	Surgical Treatment of Atrial Fibrillation: A Look into the Future. Seminars in Thoracic and Cardiovascular Surgery, 2007, 19, 39-45.	0.6	13
151	Epicardial Ablation on the Beating Heart. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2009, 4, 86-92.	0.9	13
152	Pulmonary Valve Replacement With Small Intestine Submucosa-Extracellular Matrix in a Porcine Model. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 475-483.	0.8	13
153	Observed to expected 30-day mortality as a benchmark for transcatheter aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 874-882.e8.	0.8	13
154	Editorial: Endoscopic coronary artery bypass grafting—The first steps on a long journey. Journal of Thoracic and Cardiovascular Surgery, 2000, 120, 806-807.	0.8	12
155	Potassium channel openers: are they effective as pretreatment or additives to cardioplegia?. Annals of Thoracic Surgery, 2000, 69, 1363-1368.	1.3	12
156	Surgical and minimally invasive ablation for atrial fibrillation. Current Treatment Options in Cardiovascular Medicine, 2006, 8, 371-376.	0.9	12
157	Impact of age on atrial fibrillation recurrence following surgical ablation. Journal of Thoracic and Cardiovascular Surgery, 2020, 162, 1516-1528.e1.	0.8	12
158	Bipolar Radiofrequency Ablation on Explanted Human Hearts: How to Ensure Transmural Lesions. Annals of Thoracic Surgery, 2020, 110, 1933-1939.	1.3	12
159	Concomitant surgical ablation for atrial fibrillation is associated with increased risk of acute kidney injury but improved late survival. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 1847-1857.e3.	0.8	12
160	Interpolating Unipolar Epicardial Potentials from Electrodes Separated by Increasing Distances. PACE - Pacing and Clinical Electrophysiology, 1989, 12, 1938-1955.	1.2	11
161	Evaluation of a Novel Cryoablation System: In vivo Testing in a Chronic Porcine Model. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2012, 7, 410-416.	0.9	11
162	Surgery for Atrial Fibrillation. Heart Failure Clinics, 2016, 12, 235-243.	2.1	11

#	Article	IF	CITATIONS
163	Electrophysiological Consequences of Hypothermic Hyperkalemic Elective Cardiac Arrest. Journal of Cardiac Surgery, 1993, 8, 156-160.	0.7	10
164	Pulmonary vein isolation and the Cox maze procedure only partially denervate the atrium. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 894-900.	0.8	10
165	Surgical ablation of lone atrial fibrillation on the beating heart: the chaos continues. Europace, 2010, 12, 297-298.	1.7	10
166	Surgical Ablation of Atrial Fibrillation in Patients With Tachycardia-Induced Cardiomyopathy. Annals of Thoracic Surgery, 2019, 108, 443-450.	1.3	10
167	Pericardial Mitochondrial DNA Levels Are Associated With Atrial Fibrillation After Cardiac Surgery. Annals of Thoracic Surgery, 2021, 111, 1593-1600.	1.3	10
168	How I do it: minimally invasive Cox-Maze IV procedure. Annals of Cardiothoracic Surgery, 2014, 3, 117-9.	1.7	10
169	Clinical experience with nonthoracotomy cardioverter defibrillators. Annals of Thoracic Surgery, 1995, 59, 1092-1099.	1.3	9
170	Wide Variations in Energy Delivery Using an Impedance-Controlled Algorithm in Bipolar Radiofrequency Ablation: Evidence against Fixed Time Ablation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2007, 2, 67-72.	0.9	9
171	50th Anniversary Landmark Commentary on Cox JL, Boineau JP, Schuessler RB, Kater KM, Lappas DG. Five-Year Experience With the Maze Procedure for Atrial Fibrillation. Ann Thorac Surg 1993;56:814–24. Annals of Thoracic Surgery, 2015, 100, 1533.	1.3	9
172	A Simple Porcine Model of Inducible Sustained Atrial Fibrillation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 76-78.	0.9	9
173	The adenosine-triphosphate–sensitive potassium-channel opener pinacidil is effective in blood cardioplegia. Annals of Thoracic Surgery, 1998, 66, 768-773.	1.3	8
174	Superior 12-hour heart preservation with pinacidil hyperpolarizing solution compared to University of Wisconsin solution. Journal of Heart and Lung Transplantation, 2001, 20, 1106-1114.	0.6	8
175	Advances in Surgical Ablation Devices for Atrial Fibrillation. , 0, , 231-241.		8
176	Cardiac allograft rejection in the current era of continuous flow left ventricular assist devices. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 124-134.e8.	0.8	8
177	Late results after stand-alone surgical ablation for atrial fibrillation. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 1515-1528.e8.	0.8	8
178	Donor heart preservation with pinacidil: the role of the mitochondrial KATP channel. Annals of Thoracic Surgery, 2004, 78, 620-627.	1.3	7
179	The effect of residual gaps in ablation lines for the treatment of atrial fibrillation. Heart Rhythm, 2005, 2, S15.	0.7	7
180	Evaluation of a Novel Cryoprobe for Atrial Ablation in a Chronic Ovine Model. Annals of Thoracic Surgery, 2017, 104, 1069-1073.	1.3	7

#	Article	IF	CITATIONS
181	The Surgical Treatment of Atrial Fibrillation Via Median Sternotomy. Operative Techniques in Thoracic and Cardiovascular Surgery, 2019, 24, 19-37.	0.3	7
182	30 Years of Heart Transplant: Outcomes After Mechanical Circulatory Support From a Single Center. Annals of Thoracic Surgery, 2021, , .	1.3	7
183	The superiority of pinacidil over adenosine cardioplegia in blood-perfused isolated hearts. Annals of Thoracic Surgery, 1998, 66, 1329-1335.	1.3	6
184	Patient-specific surgical strategy for atrial fibrillation: Promises and challenges. Heart Rhythm, 2007, 4, 1222-1224.	0.7	6
185	Quantification of the functional consequences of atrial fibrillation and surgical ablation on the left atrium using cardiac magnetic resonance imaging. European Journal of Cardio-thoracic Surgery, 2014, 46, 720-728.	1.4	6
186	The Cardiothoracic Surgical Trials Network: Implications for clinical practice. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1938-1956.	0.8	6
187	Energy Sources for the Surgical Treatment of Atrial Fibrillation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2019, 14, 503-508.	0.9	6
188	Late Outcomes of Surgical Ablation for Inappropriate Sinus Tachycardia. Annals of Thoracic Surgery, 2019, 108, 1162-1168.	1.3	6
189	Surgical ablation of atrial fibrillation in patients with heart failure. Journal of Thoracic and Cardiovascular Surgery, 2020, 162, 1100-1105.	0.8	6
190	Efficacy of the standâ€alone Coxâ€Maze IV procedure in patients with longstanding persistent atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2021, 32, 2884-2894.	1.7	6
191	Progress Towards a More Physiologic Approach to Donor Heart Preservation: The Advantages of Hyperpolarized Arrest. Journal of Heart and Lung Transplantation, 2005, 24, 1362-1368.	0.6	5
192	Mechanisms of human atrial fibrillation: Lessons learned from 20 years of atrial fibrillation surgery. Journal of Interventional Cardiac Electrophysiology, 2007, 20, 59-64.	1.3	5
193	Curing atrial fibrillation: Two decades of progress. Journal of Interventional Cardiac Electrophysiology, 2007, 20, 127-131.	1.3	5
194	Expanded Polytetrafluoroethylene for Chordal Replacement: Preventing Knot Failure. Annals of Thoracic Surgery, 2015, 100, 2325-2329.	1.3	5
195	Outcomes after the MitraClip Procedure in Patients at Very High Risk for Conventional Mitral Valve Surgery. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 433-437.	0.9	5
196	Management of Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 383-390.	0.9	5
197	Concomitant Cox-Maze IV techniques during mitral valve surgery. Annals of Cardiothoracic Surgery, 2015, 4, 483-6.	1.7	5
198	Evaluation of a novel cryoablation system: in vivo testing in a chronic porcine model. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2012, 7, 410-6.	0.9	5

#	Article	IF	CITATIONS
199	Competing Risks to Transplant in Bridging With Continuous-flow Left Ventricular Assist Devices. Annals of Thoracic Surgery, 2022, 114, 1276-1283.	1.3	5
200	Normal Quality of Life after the Cox-Maze Procedure for Atrial Fibrillation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2008, 3, 142-146.	0.9	4
201	Surgical Innovation in the Information Age the Heavy Burden of Great Potential. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 283-288.	0.9	4
202	Surgery for Atrial Fibrillation. Cardiology Clinics, 2014, 32, 563-571.	2.2	4
203	Performing the Left Atrial Maze Ablation Pattern Without Atriotomy. Annals of Thoracic Surgery, 2016, 101, 777-779.	1.3	4
204	A Minimally Invasive Stand-Alone Cox-Maze Procedure is as Effective as Median Sternotomy Approach. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2017, 12, 186-191.	0.9	4
205	Minimally Invasive versus Full-Sternotomy Septal Myectomy for Hypertrophic Cardiomyopathy. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 261-266.	0.9	4
206	30 Years of Surgical Ablation for "Stand-Alone―Atrial Fibrillation: HaveÂWe Abandoned an Evidence-Driven Approach?. Annals of Thoracic Surgery, 2020, 109, 627-629.	1.3	4
207	Concomitant Cox-Maze IV and Septal Myectomy in Patients With Hypertrophic Obstructive Cardiomyopathy. Annals of Thoracic Surgery, 2022, 113, 109-117.	1.3	4
208	Performance of a Novel Dual-Electrode Bipolar Radiofrequency Ablation Device a Chronic Porcine Study. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 17-22.	0.9	4
209	Performance of a Novel Bipolar/Monopolar Radiofrequency Ablation Device on the Beating Heart in an Acute Porcine Model. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 276-283.	0.9	4
210	PROSE: Prospective Randomized Trial of the On-X Mechanical Prosthesis and the St Jude Medical Mechanical Prosthesis Evaluation. Journal of Cardiothoracic Surgery, 2021, 16, 323.	1.1	4
211	Surgical treatment of atrial fibrillation. Missouri Medicine, 2012, 109, 281-7.	0.3	4
212	Why do most patients with atrial fibrillation referred for other cardiac surgery not receive concomitant ablation? A plea for a more aggressive surgical approach. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 3034-3035.	0.8	3
213	Strategies to Improve the Efficacy of Epicardial Linear Ablation on the Beating Heart. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 414-419.	0.9	3
214	Endoscopic coronary artery bypass grafting—the first steps on a long journey. Journal of Thoracic and Cardiovascular Surgery, 2003, 125, S64-S65.	0.8	2
215	The Impact of Previous Catheter-Based Ablation on the Efficacy of the Cox-Maze IV Procedure. Annals of Thoracic Surgery, 2013, 96, 786-791.	1.3	2
216	Proteomic Profiling of Early Chronic Pulmonary Hypertension: Evidence for Both Adaptive and Maladaptive Pathology. Journal of Pulmonary & Respiratory Medicine, 2015, 05, .	0.1	2

#	Article	IF	CITATIONS
217	The Electrophysiologic Effects of Acute Mitral Regurgitation in a Canine Model. Annals of Thoracic Surgery, 2017, 103, 1277-1284.	1.3	2
218	Massive Left Atrial Thrombus After a Left Atrial Surgical Ablation and Bioprosthetic Mitral Valve Replacement. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2020, 15, 389-392.	0.9	2
219	Impact of Obesity on Atrial Fibrillation Recurrence Following Stand-Alone Cox Maze IV Procedure. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 155698452110171.	0.9	2
220	Normal Quality of Life after the Cox-Maze Procedure for Atrial Fibrillation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2008, 3, 142-146.	0.9	2
221	Wide Variations in Energy Delivery Using an Impedance-Controlled Algorithm in Bipolar Radiofrequency Ablation: Evidence against Fixed Time Ablation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2007, 2, 67-72.	0.9	2
222	Epicardial Ablation on the Beating Heart. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2009, 4, 86-92.	0.9	2
223	Surgical Innovation in the Information Age the Heavy Burden of Great Potential. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 283-288.	0.9	2
224	The Arrhythmic Substrate for Atrial Fibrillation in Patients with Mitral Regurgitation. Journal of Atrial Fibrillation, 2020, 13, 2304.	0.5	2
225	Phenylephrine Provocation to Evaluate the Cause of Mitral Regurgitation in Patients With Obstructive Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2021, 14, e012656.	2.6	1
226	Surgery for Lone Atrial Fibrillation: Present State-of-the-Art. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2009, 4, 248-255.	0.9	1
227	A Minimally Invasive Cox-Maze Procedure Operative Technique and Results. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 281-286.	0.9	1
228	Association of STS database variables with repair durability in ischemic mitral regurgitation using machine learning. Journal of Cardiac Surgery, 2022, 37, 76-83.	0.7	1
229	A Simple Porcine Model of Inducible Sustained Atrial Fibrillation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 76-78.	0.9	1
230	Strategies to Improve the Efficacy of Epicardial Linear Ablation on the Beating Heart. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 414-419.	0.9	1
231	Commentary. Journal of Thoracic and Cardiovascular Surgery, 1999, 117, 1214-1215.	0.8	Ο
232	An Overview of the Computer Motion System. Operative Techniques in Thoracic and Cardiovascular Surgery, 2001, 6, 149-155.	0.3	0
233	Future Directions in Atrial Fibrillation Surgery. Journal of Arrhythmia, 2007, 23, 12-20.	1.2	0
234	Managing the Left Atrial Appendage in the Era of Minimally Invasive Surgery. Interventional Cardiology Clinics, 2014, 3, 229-238.	0.4	0

#	Article	IF	CITATIONS
235	Surgery for Atrial Fibrillation and Other Supraventricular Tachycardias. , 2018, , 1295-1306.		0
236	Atrial Fibrillation: Aggressive Treatment in the Postoperative Cardiothoracic Surgery Patient. Difficult Decisions in Surgery: an Evidence-based Approach, 2019, , 199-209.	0.0	0
237	Arrhythmia Surgery. , 2019, , 804-812.e2.		0
238	Cannulation Strategy for Extracorporeal Membrane Oxygenation Does Not Influence Total Hospital Cost. Annals of Thoracic Surgery, 2021, , .	1.3	0
239	Commentary: What is the measure of success for atrial fibrillation ablation? Is a reduction in arrhythmia burden sufficient?. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.8	0
240	Surgical Treatment of Arrhythmias. , 2007, , 2163-2174.		0
241	New Feature for Innovations. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2009, 4, 237-237.	0.9	0
242	Off Pump Coronary Artery Bypass a Valuable Technique but Not for Everyone. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 1-2.	0.9	0
243	"Innovations has a New Affiliation― Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 249-249.	0.9	0
244	Surgery for Atrial Fibrillation and Other SVTs. , 2014, , 1295-1305.		0
245	Innovations Announces a New Affiliation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2014, 9, 337-337.	0.9	0
246	Outcomes of Repeat Mitral Valve Surgery in Patients with Pulmonary Hypertension. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2015, 10, 120-124.	0.9	0
247	Modern cardiothoracic surgery: current state-of-the-art & emerging technologies. Missouri Medicine, 2012, 109, 275-6.	0.3	0