

Ralph J Damiano Jr

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237
papers

12,791
citations

52
h-index

109
g-index

254
ext. papers

14,525
ext. citations

2.6
avg, IF

5.77
L-index

#	Paper	IF	Citations
237	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: a report of the Heart Rhythm Society (HRS) Task Force on Catheter and Surgical Ablation of Atrial Fibrillation. <i>Circulation</i> , 2012 , 126, 878-883	6.7	1314
236	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. <i>Europace</i> , 2012 , 14, 528-606	3.9	1160
235	HRS/EHRA/ECAS expert Consensus Statement on catheter and surgical ablation of atrial fibrillation: 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. <i>Heart Rhythm</i> , 2012 , 9, 205-217	6.7	1046
234	HRS/EHRA/ECAS expert consensus statement on catheter and surgical ablation of atrial fibrillation: 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	3.9	554
233	The Cox maze III procedure for atrial fibrillation: long-term efficacy in patients undergoing lone versus concomitant procedures. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1822-8	1.5	462
232	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. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2012 , 33, 171-257	2.4	250
231	Noninvasive characterization of epicardial activation in humans with diverse atrial fibrillation patterns. <i>Circulation</i> , 2010 , 122, 1364-72	16.7	240
230	The Society of Thoracic Surgeons 2017 Clinical Practice Guidelines for the Surgical Treatment of Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 329-341	2.7	239
229	A prospective, single-center clinical trial of a modified Cox maze procedure with bipolar radiofrequency ablation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 128, 535-42	1.5	239
228	Use of the voice-controlled and computer-assisted surgical system ZEUS for endoscopic coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 118, 11-6	1.5	213
227	Inflammation of atrium after cardiac surgery is associated with inhomogeneity of atrial conduction and atrial fibrillation. <i>Circulation</i> , 2005 , 111, 2881-8	16.7	206
226	Aortic enlargement and late reoperation after repair of acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 479-86; discussion 486-7	2.7	191
225	Surgical treatment of atrial fibrillation: predictors of late recurrence. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 129, 104-11	1.5	176
224	The Cox maze IV procedure: predictors of late recurrence. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 141, 113-21	1.5	171
223	Aortic valve replacement in octogenarians: risk factors for early and late mortality. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1651-6; discussion 1656-7	2.7	171
222	Exclusion of the left atrial appendage with a novel device: early results of a multicenter trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 1002-9, 1009.e1	1.5	168
221	The long-term outcome of patients with coronary disease and atrial fibrillation undergoing the Cox maze procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 2016-21	1.5	155

220	The Cox-maze procedure for lone atrial fibrillation: a single-center experience over 2 decades. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 8-14	6.4	154
219	Repair of ischemic mitral regurgitation does not increase mortality or improve long-term survival in patients undergoing coronary artery revascularization: a propensity analysis. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 794-9; discussion 794-9	2.7	138
218	The effect of ablation technology on surgical outcomes after the Cox-maze procedure: a propensity analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 389-96	1.5	136
217	Chronic transmural atrial ablation by using bipolar radiofrequency energy on the beating heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002 , 124, 708-13	1.5	135
216	Does the extent of proximal or distal resection influence outcome for type A dissections?. <i>Annals of Thoracic Surgery</i> , 2001 , 71, 1244-9; discussion 1249-50	2.7	120
215	Impact of pulmonary hypertension on outcomes after aortic valve replacement for aortic valve stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 141, 1424-30	1.5	115
214	The persistent problem of new-onset postoperative atrial fibrillation: a single-institution experience over two decades. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 141, 559-70	1.5	112
213	Recurrent mitral regurgitation and risk factors for early and late mortality after mitral valve repair for functional ischemic mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 1537-42; discussion 1542-3	2.7	108
212	Multivariate analysis of risk factors for deep and superficial sternal infection after coronary artery bypass grafting at a tertiary care medical center. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2004 , 16, 53-61	1.7	106
211	Isolating the entire posterior left atrium improves surgical outcomes after the Cox maze procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 135, 870-7	1.5	104
210	Physiological consequences of bipolar radiofrequency energy on the atria and pulmonary veins: a chronic animal study. <i>Annals of Thoracic Surgery</i> , 2003 , 76, 836-41; discussion 841-2	2.7	102
209	The effect of robotic assistance on learning curves for basic laparoscopic skills. <i>American Journal of Surgery</i> , 2002 , 183, 702-7	2.7	101
208	Prosthesis-patient mismatch after aortic valve replacement: impact of age and body size on late survival. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 481-8; discussion 489	2.7	98
207	Late outcomes after the Cox maze IV procedure for atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1168-76, 1178.e1-2	1.5	95
206	Initial United States clinical trial of robotically assisted endoscopic coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 119, 77-82	1.5	94
205	Robotically assisted microsurgery for endoscopic coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 1998 , 66, 1064-7	2.7	90
204	Surgical robotics: impact of motion scaling on task performance. <i>Journal of the American College of Surgeons</i> , 2004 , 199, 863-8	4.4	88
203	The Cox-maze IV procedure for lone atrial fibrillation: a single center experience in 100 consecutive patients. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2011 , 31, 47-54	2.4	83

202	Surgical Ablation of Atrial Fibrillation in the United States: Trends and Propensity Matched Outcomes. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 493-500	2.7	80
201	Successful performance of Cox-Maze procedure on beating heart using bipolar radiofrequency ablation: a feasibility study in animals. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1671-7	2.7	77
200	Vagal denervation and reinnervation after ablation of ganglionated plexi. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 444-52	1.5	76
199	A prospective multicenter trial of bipolar radiofrequency ablation for atrial fibrillation: early results. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 1665-70	2.7	73
198	Alternative energy sources for atrial ablation: judging the new technology. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 329-30	2.7	71
197	Efficacy and safety of right and left atrial ablations on the beating heart with irrigated bipolar radiofrequency energy: a long-term animal study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 853-60	1.5	70
196	Prognostic utility of novel biomarkers of cardiovascular stress in patients with aortic stenosis undergoing valve replacement. <i>Heart</i> , 2015 , 101, 1382-8	5.1	68
195	Elective cardiac arrest with a hyperpolarizing adenosine triphosphate-sensitive potassium channel opener. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993 , 106, 317-328	1.5	67
194	Importance of geometry and refractory period in sustaining atrial fibrillation: testing the critical mass hypothesis. <i>Circulation</i> , 2005 , 112, 17-13	16.7	66
193	Atrial fibrillation propagates through gaps in ablation lines: implications for ablative treatment of atrial fibrillation. <i>Heart Rhythm</i> , 2008 , 5, 1296-301	6.7	65
192	Concomitant tricuspid valve surgery during implantation of continuous-flow left ventricular assist devices: a Society of Thoracic Surgeons database analysis. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 609-17	5.8	63
191	Initial prospective multicenter clinical trial of robotically-assisted coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 1263-8; discussion 1268-9	2.7	57
190	Animal studies of epicardial atrial ablation. <i>Heart Rhythm</i> , 2009 , 6, S41-5	6.7	55
189	Impact of complete revascularization on long-term survival after coronary artery bypass grafting in octogenarians. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 112-6; discussion 116-7	2.7	55
188	Microwave ablation for atrial fibrillation: dose-response curves in the cardioplegia-arrested and beating heart. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 72-6	2.7	54
187	Cox-Maze IV results for patients with lone atrial fibrillation versus concomitant mitral disease. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 789-94; discussion 794-5	2.7	53
186	Spatial and temporal stability of the dominant frequency of activation in human atrial fibrillation. <i>Journal of Electrocardiology</i> , 2006 , 39, S7-12	1.4	51
185	Comparison of skill training with robotic systems and traditional endoscopy: implications on training and adoption. <i>Journal of Surgical Research</i> , 2005 , 125, 23-9	2.5	48

184	Sensing/pacing lead complications with a newer generation implantable cardioverter-defibrillator: worldwide experience from the Guardian ATP 4210 clinical trial. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 123-32	15.1	48
183	Epicardial microwave ablation on the beating heart for atrial fibrillation: the dependency of lesion depth on cardiac output. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 355-60	1.5	46
182	Sensing lead-related complications in patients with transvenous implantable cardioverter-defibrillators. <i>American Journal of Cardiology</i> , 1996 , 78, 647-51	3	43
181	A minimally invasive Cox maze IV procedure is as effective as sternotomy while decreasing major morbidity and hospital stay. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 955-61; discussion 962-2	1.5	42
180	POINT: Prosthesis-patient mismatch does not affect survival for patients greater than 70 years of age undergoing bioprosthetic aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 137, 278-83	1.5	42
179	Predictors and risk of pacemaker implantation after the Cox-maze IV procedure. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 2015-20; discussion 2020-1	2.7	41
178	Elective surgery for thoracic aortic aneurysms: late functional status and quality of life. <i>Annals of Thoracic Surgery</i> , 2006 , 82, 573-8	2.7	41
177	Performance of the Cox-maze IV procedure is associated with improved long-term survival in patients with atrial fibrillation undergoing cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 159-170	1.5	40
176	The CURE-AF trial: a prospective, multicenter trial of irrigated radiofrequency ablation for the treatment of persistent atrial fibrillation during concomitant cardiac surgery. <i>Heart Rhythm</i> , 2014 , 11, 39-45	6.7	39
175	Prospective evaluation of patients readmitted after cardiac surgery: analysis of outcomes and identification of risk factors. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1013-8	1.5	39
174	The impact of CHADS2 score on late stroke after the Cox maze procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 85-9	1.5	39
173	Clostridium difficile in cardiac surgery: risk factors and impact on postoperative outcome. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 1396-402	2.7	39
172	Robotic cardiac surgery: overview. <i>Surgical Clinics of North America</i> , 2003 , 83, 1351-67, ix	4	39
171	Hyperpolarized cardiac arrest with a potassium-channel opener, aprikalim. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995 , 110, 1083-95	1.5	39
170	Incremental risk of the Cox-maze IV procedure for patients with atrial fibrillation undergoing mitral valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 1072-7	1.5	38
169	Atrial tachyarrhythmias after the maze procedure: incidence and prognosis. <i>Circulation</i> , 2004 , 110, 1164-86.7		36
168	Effects of distant potentials on unipolar electrograms in an animal model utilizing the right ventricular isolation procedure. <i>Journal of the American College of Cardiology</i> , 1988 , 11, 1100-9	15.1	35
167	The Cox-maze IV procedure in its second decade: still the gold standard?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, i19-i25	3	34

166	Importance of atrial surface area and refractory period in sustaining atrial fibrillation: testing the critical mass hypothesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 593-8	1.5	34
165	Myocardial protection with potassium-channel openers is as effective as St. Thomas' solution in the rabbit heart. <i>Annals of Thoracic Surgery</i> , 1996 , 62, 31-8; discussion 38-9	2.7	34
164	Importance of blood pressure control after repair of acute type a aortic dissection: 25-year follow-up in 252 patients. <i>Journal of Clinical Hypertension</i> , 2013 , 15, 63-8	2.3	32
163	Ablation technology for the surgical treatment of atrial fibrillation. <i>ASAIO Journal</i> , 2013 , 59, 461-8	3.6	32
162	Noninvasive electrocardiographic imaging (ECGI) of scar-related atypical atrial flutter. <i>Heart Rhythm</i> , 2007 , 4, 1565-7	6.7	32
161	Influence of internal mammary artery grafting and completeness of revascularization on long-term outcome in octogenarians. <i>Annals of Thoracic Surgery</i> , 2001 , 72, 2003-7	2.7	32
160	Myocardial protection with pinacidil cardioplegia in the blood-perfused heart. <i>Annals of Thoracic Surgery</i> , 1996 , 61, 1680-8	2.7	32
159	Systemic inflammatory response syndrome after transcatheter or surgical aortic valve replacement. <i>Heart</i> , 2015 , 101, 537-45	5.1	31
158	Surgical ablation devices for atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2007 , 20, 73-82	2.4	31
157	A new era in the surgical treatment of atrial fibrillation: the impact of ablation technology and lesion set on procedural efficacy. <i>Transactions of the Meeting of the American Surgical Association</i> , 2006 , 244, 583-92		31
156	Oxidative Stress Biomarkers and Incidence of Postoperative Atrial Fibrillation in the Omega-3 Fatty Acids for Prevention of Postoperative Atrial Fibrillation (OPERA) Trial. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	30
155	Clinical and Functional Outcomes Associated With Myocardial Injury After Transfemoral and Transapical Transcatheter Aortic Valve Replacement: A Subanalysis From the PARTNER Trial (Placement of Aortic Transcatheter Valves). <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1468-1479	5	29
154	Atrial fibrillation ablation during mitral valve surgery using the Atricure device. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2004 , 9, 24-33	0.9	28
153	Potassium and Magnesium Supplementation Do Not Protect Against Atrial Fibrillation After Cardiac Operation: A Time-Matched Analysis. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1181-8	2.7	28
152	Postoperative atrial fibrillation: The role of the inflammatory response. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 1357-1365	1.5	27
151	The impact of surgical strategy on survival after repair of type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 294-301.e1	1.5	27
150	Surgical ablation for atrial fibrillation: techniques, indications, and results. <i>Current Opinion in Cardiology</i> , 2015 , 30, 58-64	2.1	27
149	The surgical treatment of atrial fibrillation. <i>Surgical Clinics of North America</i> , 2009 , 89, 1001-20, x-xi	4	27

148	Associations Between Surgical Ablation and Operative Mortality After Mitral Valve Procedures. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1790-1796	2.7	26
147	Impact of perfusion strategy on neurologic recovery in acute type A aortic dissection. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 2122-8; discussion 2128-9	2.7	26
146	Quality of life and survival after transmymocardial laser revascularization with the holmium:YAG laser. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1842-7; discussion 1847-8	2.7	26
145	The profound impact of combined severe acidosis and malperfusion on operative mortality in the surgical treatment of type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 897-904	1.5	25
144	Learning Alternative Access Approaches for Transcatheter Aortic Valve Replacement: Implications for New Transcatheter Aortic Valve Replacement Centers. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1399-1405	2.7	25
143	Illustrated techniques for performing the Cox-Maze IV procedure through a right mini-thoracotomy. <i>Annals of Cardiothoracic Surgery</i> , 2014 , 3, 105-16	4.7	25
142	Detection of Atrial Fibrillation After Surgical Ablation: Conventional Versus Continuous Monitoring. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 42-7; discussion 47-8	2.7	24
141	Chronic performance of a novel radiofrequency ablation device on the beating heart: Limitations of conduction delay to assess transmuralit. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, 859-65	1.5	24
140	The effects of the Cox maze procedure on atrial function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 1257-64, 1264.e1-3	1.5	24
139	Is there an alternative to potassium arrest?. <i>Annals of Thoracic Surgery</i> , 1995 , 60, 858-63	2.7	24
138	Evaluation of revascularization subtypes in octogenarians undergoing coronary artery bypass grafting. <i>Circulation</i> , 2009 , 120, S65-9	16.7	23
137	A minimally invasive cox-maze procedure: operative technique and results. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 281-6	1.5	22
136	Comparison of the stand-alone Cox-Maze IV procedure to the concomitant Cox-Maze IV and mitral valve procedure for atrial fibrillation. <i>Annals of Cardiothoracic Surgery</i> , 2014 , 3, 55-61	4.7	22
135	Complete Coronary Revascularization Improves Survival in Octogenarians. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 505-11	2.7	22
134	Efficacy of a novel bipolar radiofrequency ablation device on the beating heart for atrial fibrillation ablation: a long-term porcine study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 203-8	1.5	21
133	The long-term outcomes and durability of the Cox-Maze IV procedure for atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	20
132	The surgical treatment of atrial fibrillation. <i>Heart Rhythm</i> , 2009 , 6, S45-50	6.7	20
131	Surgical ablation for atrial fibrillation: the efficacy of a novel bipolar pen device in the cardioplegically arrested and beating heart. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 1295-301	1.5	20

130	Surgical techniques used for the treatment of atrial fibrillation. <i>Circulation Journal</i> , 2013 , 77, 1941-51	2.9	19
129	Robotics in surgery. <i>Current Problems in Surgery</i> , 2004 , 41, 752-810	2.8	19
128	Potassium-channel opener cardioplegia is superior to St. Thomas' solution in the intact animal. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 67-74	2.7	19
127	Effectiveness of Surgical Ablation in Patients With Atrial Fibrillation and Aortic Valve Disease. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1253-9; discussion 1259-60	2.7	18
126	The impact of 6 weeks of atrial fibrillation on left atrial and ventricular structure and function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1602-8	1.5	18
125	Factors affecting survival after mitral valve replacement in patients with prosthesis-patient mismatch. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1202-10; discussion 1210-1	2.7	18
124	Computer-assisted endoscopic coronary artery bypass anastomoses: a chronic animal study. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 838-43	2.7	18
123	Preoperative pulmonary function tests predict mortality after surgical or transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 578-85, 586.e1-2	1.5	17
122	Optimizing motion scaling and magnification in robotic surgery. <i>Surgery</i> , 2004 , 136, 291-4	3.6	17
121	Electrophysiologic effects of surgical isolation of the right ventricle. <i>Annals of Thoracic Surgery</i> , 1986 , 42, 65-9	2.7	17
120	Advantages of continuous hyperpolarized arrest with pinacidil over St. Thomas' Hospital solution during prolonged ischemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 116, 131-8	1.5	16
119	Cardiothoracic surgery training grants provide protected research time vital to the development of academic surgeons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 2050-2056	1.5	15
118	The effects of inflammation on heart rate and rhythm in a canine model of cardiac surgery. <i>Heart Rhythm</i> , 2012 , 9, 432-9	6.7	15
117	Performance of a novel bipolar/monopolar radiofrequency ablation device on the beating heart in an acute porcine model. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013 , 8, 276-83	1.5	15
116	2,3-Butanedione monoxime cardioplegia: advantages over hyperkalemia in blood-perfused isolated hearts. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 618-23	2.7	15
115	Left Ventricular Assist Device Inflow Angle and Pump Positional Change Over Time Adverse Impact on Left Ventricular Assist Device Function. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1933-1940	2.7	15
114	Epicardial ablation on the beating heart: progress towards an off-pump maze procedure. <i>Heart Surgery Forum</i> , 2002 , 5, 100-4	0.7	15
113	A 20-year multicenter analysis of dialysis-dependent patients who had aortic or mitral valve replacement: Implications for valve selection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 805-813.e2	1.5	14

112	Performance of a novel dual-electrode bipolar radiofrequency ablation device: a chronic porcine study. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2011 , 6, 17-22	1.5	14
111	Biatrial lesion sets. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2007 , 20, 95-9	2.4	14
110	Donor heart preservation with a novel hyperpolarizing solution: superior protection compared with University of Wisconsin solution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 120, 746-54	1.5	14
109	Donor heart preservation with the potassium channel opener pinacidil: comparison with University of Wisconsin and St. Thomas' solution. <i>Journal of Heart and Lung Transplantation</i> , 2000 , 19, 286-97	5.8	14
108	Surgery for Lone Atrial Fibrillation: Present State-of-the-Art. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009 , 4, 248-255	1.5	13
107	Epicardial Ablation on the Beating Heart: Limited Efficacy of a Novel, Cooled Radiofrequency Ablation Device. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009 , 4, 86-92	1.5	13
106	Prevention of cell swelling with low chloride St. Thomas' Hospital solution improves postischemic myocardial recovery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 115, 1196-202	1.5	13
105	A minimally invasive surgical treatment for inappropriate sinus tachycardia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 130, 598-9	1.5	13
104	Epicardial ablation performance of a novel radiofrequency device on the beating heart in pigs. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 673-8	2.7	12
103	Myocardial protection in the acutely injured heart: hyperpolarizing versus depolarizing hypothermic cardioplegia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 113, 567-75	1.5	12
102	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. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1336-1343	2.7	11
101	Endoscopic coronary artery bypass grafting-the first steps on a long journey. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 120, 806-7	1.5	11
100	The electrophysiology of ischemia and cardioplegia: implications for myocardial protection. <i>Journal of Cardiac Surgery</i> , 1995 , 10, 445-53	1.3	11
99	Pulmonary Valve Replacement With Small Intestine Submucosa-Extracellular Matrix in a Porcine Model. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2016 , 7, 475-83	1.1	10
98	A Minimally Invasive Stand-alone Cox-Maze Procedure Is as Effective as Median Sternotomy Approach. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017 , 12, 186-191	1.5	10
97	Robotically assisted coronary artery bypass grafting: a prospective single center clinical trial. <i>Journal of Cardiac Surgery</i> , 2000 , 15, 256-65	1.3	10
96	Surgical and minimally invasive ablation for atrial fibrillation. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2006 , 8, 371-6	2.1	10
95	Surgical treatment of atrial fibrillation: a look into the future. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2007 , 19, 39-45	1.7	10

94	Minimally invasive surgery for atrial fibrillation. <i>Trends in Cardiovascular Medicine</i> , 2016 , 26, 268-77	6.9	9
93	Late results of the Cox-maze IV procedure in patients undergoing coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, 1087-1094	1.5	9
92	Outcomes of repeat mitral valve surgery in patients with pulmonary hypertension. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015 , 10, 120-4	1.5	9
91	Surgical ablation of lone atrial fibrillation on the beating heart: the chaos continues. <i>Europace</i> , 2010 , 12, 297-8	3.9	9
90	Pulmonary vein isolation and the Cox maze procedure only partially denervate the atrium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 135, 894-900	1.5	9
89	The Cox-Maze IV procedure for lone atrial fibrillation. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2007 , 2007, mmcts.2007.002758	0.2	9
88	Electrophysiological consequences of hypothermic hyperkalemic elective cardiac arrest. <i>Journal of Cardiac Surgery</i> , 1993 , 8, 156-60	1.3	9
87	How I do it: minimally invasive Cox-Maze IV procedure. <i>Annals of Cardiothoracic Surgery</i> , 2014 , 3, 117-9	4.7	9
86	Impact of Surgical Experience on Operative Mortality After Reoperative Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1909-1916	2.7	9
85	The hemodynamic and atrial electrophysiologic consequences of chronic left atrial volume overload in a controllable canine model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 1871-1879.e1	1.5	9
84	The Cox-Maze IV procedure for atrial fibrillation is equally efficacious in patients with rheumatic and degenerative mitral valve disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 835-844	1.5	8
83	Surgery for Atrial Fibrillation. <i>Heart Failure Clinics</i> , 2016 , 12, 235-43	3.3	8
82	Wide variations in energy delivery using an impedance-controlled algorithm in bipolar radiofrequency ablation: evidence against fixed time ablation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2007 , 2, 67-72	1.5	8
81	Potassium channel openers: are they effective as pretreatment or additives to cardioplegia?. <i>Annals of Thoracic Surgery</i> , 2000 , 69, 1363-8	2.7	8
80	Superior 12-hour heart preservation with pinacidil hyperpolarizing solution compared to University of Wisconsin solution. <i>Journal of Heart and Lung Transplantation</i> , 2001 , 20, 1106-14	5.8	8
79	Clinical experience with nonthoracotomy cardioverter defibrillators. <i>Annals of Thoracic Surgery</i> , 1995 , 59, 1092-8; discussion 1098-9	2.7	8
78	Interpolating unipolar epicardial potentials from electrodes separated by increasing distances. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1989 , 12, 1938-55	1.6	8
77	Impact of age on atrial fibrillation recurrence following surgical ablation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 1516-1528.e1	1.5	8

76	Evaluation of a Novel Cryoablation System: In vivo Testing in a Chronic Porcine Model. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012 , 7, 410-416	1.5	7
75	The adenosine-triphosphate-sensitive potassium-channel opener pinacidil is effective in blood cardioplegia. <i>Annals of Thoracic Surgery</i> , 1998 , 66, 768-73	2.7	7
74	Bipolar Radiofrequency Ablation on Explanted Human Hearts: How to Ensure Transmural Lesions. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 1933-1939	2.7	6
73	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. <i>Ann Thorac Surg</i> 1993;56:814-24. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 1533	2.7	6
72	Quantification of the functional consequences of atrial fibrillation and surgical ablation on the left atrium using cardiac magnetic resonance imaging. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 720-8	3	6
71	The superiority of pinacidil over adenosine cardioplegia in blood-perfused isolated hearts. <i>Annals of Thoracic Surgery</i> , 1998 , 66, 1329-35; discussion 1335-6	2.7	6
70	The effect of residual gaps in ablation lines for the treatment of atrial fibrillation. <i>Heart Rhythm</i> , 2005 , 2, S15	6.7	6
69	Donor heart preservation with pinacidil: the role of the mitochondrial K ATP channel. <i>Annals of Thoracic Surgery</i> , 2004 , 78, 620-6; discussion 626-7	2.7	6
68	Advances in Surgical Ablation Devices for Atrial Fibrillation 231-241		6
67	The impact of uncorrected mild aortic insufficiency at the time of left ventricular assist device implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 1490-1500.e3	1.5	6
66	Late Outcomes of Surgical Ablation for Inappropriate Sinus Tachycardia. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1162-1168	2.7	5
65	Surgical Ablation of Atrial Fibrillation in Patients With Tachycardia-Induced Cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 443-450	2.7	5
64	Evaluation of a Novel Cryoprobe for Atrial Ablation in a Chronic Ovine Model. <i>Annals of Thoracic Surgery</i> , 2017 , 104, 1069-1073	2.7	5
63	Curing atrial fibrillation: Two decades of progress. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2007 , 20, 127-31	2.4	5
62	Progress towards a more physiologic approach to donor heart preservation: the advantages of hyperpolarized arrest. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 1362-8	5.8	5
61	Observed to expected 30-day mortality as a benchmark for transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 874-882.e8	1.5	5
60	Concomitant surgical ablation for atrial fibrillation is associated with increased risk of acute kidney injury but improved late survival. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	5
59	The Surgical Treatment of Atrial Fibrillation Via Median Sternotomy. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2019 , 24, 19-37	0.9	4

58	Surgery for atrial fibrillation. <i>Cardiology Clinics</i> , 2014 , 32, 563-71	2.5	4
57	NORMAL QUALITY OF LIFE AFTER THE COX MAZE PROCEDURE FOR ATRIAL FIBRILLATION. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2008 , 3, 142-146	1.5	4
56	Mechanisms of human atrial fibrillation: Lessons learned from 20 years of atrial fibrillation surgery. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2007 , 20, 59-64	2.4	4
55	Evaluation of a novel cryoablation system: in vivo testing in a chronic porcine model. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012 , 7, 410-6	1.5	4
54	Surgical treatment of atrial fibrillation. <i>Missouri Medicine</i> , 2012 , 109, 281-7	0.8	4
53	Concomitant Cox-Maze IV techniques during mitral valve surgery. <i>Annals of Cardiothoracic Surgery</i> , 2015 , 4, 483-6	4.7	4
52	Energy Sources for the Surgical Treatment of Atrial Fibrillation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2019 , 14, 503-508	1.5	3
51	A Minimally Invasive Stand-Alone Cox-Maze Procedure is as Effective as Median Sternotomy Approach. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017 , 12, 186-191	1.5	3
50	A Simple Porcine Model of Inducible Sustained Atrial Fibrillation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016 , 11, 76-8	1.5	3
49	Performing the Left Atrial Maze Ablation Pattern Without Atriotomy. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 777-9	2.7	3
48	Expanded Polytetrafluoroethylene for Chordal Replacement: Preventing Knot Failure. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 2325-9	2.7	3
47	Surgical innovation in the information age: the heavy burden of great potential. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2011 , 6, 283-8	1.5	3
46	Patient-specific surgical strategy for atrial fibrillation: promises and challenges. <i>Heart Rhythm</i> , 2007 , 4, 1222-4	6.7	3
45	Performance of a Novel Dual-Electrode Bipolar Radiofrequency Ablation Device a Chronic Porcine Study. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2011 , 6, 17-22	1.5	3
44	Cardiac allograft rejection in the current era of continuous flow left ventricular assist devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	3
43	Late results after stand-alone surgical ablation for atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	3
42	The impact of previous catheter-based ablation on the efficacy of the Cox-maze IV procedure. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 786-91; discussion 791	2.7	2
41	The Electrophysiologic Effects of Acute Mitral Regurgitation in a Canine Model. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 1277-1284	2.7	2

40	Proteomic Profiling of Early Chronic Pulmonary Hypertension: Evidence for Both Adaptive and Maladaptive Pathology. <i>Journal of Pulmonary & Respiratory Medicine</i> , 2015 , 5,	0	2
39	Normal Quality of Life after the Cox-Maze Procedure for Atrial Fibrillation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2008 , 3, 142-146	1.5	2
38	Performance of a Novel Bipolar/Monopolar Radiofrequency Ablation Device on the Beating Heart in an Acute Porcine Model. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013 , 8, 276-283	1.5	2
37	Wide Variations in Energy Delivery Using an Impedance-Controlled Algorithm in Bipolar Radiofrequency Ablation: Evidence against Fixed Time Ablation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2007 , 2, 67-72	1.5	2
36	Epicardial Ablation on the Beating Heart. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009 , 4, 86-92	1.5	2
35	Surgical Innovation in the Information Age the Heavy Burden of Great Potential. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2011 , 6, 283-288	1.5	2
34	Pericardial Mitochondrial DNA Levels Are Associated With Atrial Fibrillation After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 1593-1600	2.7	2
33	Efficacy of the stand-alone Cox-Maze IV procedure in patients with longstanding persistent atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 2884-2894	2.7	2
32	Strategies to Improve the Efficacy of Epicardial Linear Ablation on the Beating Heart. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016 , 11, 414-419	1.5	2
31	Minimally Invasive Versus Full-Sternotomy Septal Myectomy for Hypertrophic Cardiomyopathy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 261-266	1.5	2
30	Management of Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting: Review of the Literature. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 383-390	1.5	2
29	The Arrhythmic Substrate for Atrial Fibrillation in Patients with Mitral Regurgitation.. <i>Journal of Atrial Fibrillation</i> , 2020 , 13, 2304	0.8	1
28	Surgery for Lone Atrial Fibrillation: Present State-of-the-Art. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009 , 4, 248-255	1.5	1
27	A Minimally Invasive Cox-Maze Procedure Operative Technique and Results. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 281-286	1.5	1
26	Concomitant Cox-Maze IV and Septal Myectomy in Patients With Hypertrophic Obstructive Cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
25	Outcomes After the MitraClip Procedure in Patients at Very High Risk for Conventional Mitral Valve Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 433-437	1.5	1
24	PROSE: Prospective Randomized Trial of the On-X Mechanical Prosthesis and the St Jude Medical Mechanical Prosthesis Evaluation : Part 1(Patient Dynamics): Preoperative demographics and preoperative and operative risk factors. <i>Journal of Cardiothoracic Surgery</i> , 2021 , 16, 323	1.6	0
23	Association of STS database variables with repair durability in ischemic mitral regurgitation using machine learning. <i>Journal of Cardiac Surgery</i> , 2022 , 37, 76-83	1.3	0

22	Massive Left Atrial Thrombus After a Left Atrial Surgical Ablation and Bioprosthetic Mitral Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2020 , 15, 389-392	1.5	o
21	Impact of Obesity on Atrial Fibrillation Recurrence Following Stand-Alone Cox Maze IV Procedure. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021 , 16, 434-440	1.5	o
20	Atrial Fibrillation: Aggressive Treatment in the Postoperative Cardiothoracic Surgery Patient. <i>Difficult Decisions in Surgery: an Evidence-based Approach</i> , 2019 , 199-209	o	
19	Surgery for Atrial Fibrillation and Other Supraventricular Tachycardias 2018 , 1295-1306		
18	Managing the Left Atrial Appendage in the Era of Minimally Invasive Surgery. <i>Interventional Cardiology Clinics</i> , 2014 , 3, 229-238	1.4	
17	Future Directions in Atrial Fibrillation Surgery. <i>Journal of Arrhythmia</i> , 2007 , 23, 12-20	1.5	
16	Endoscopic coronary artery bypass grafting—the first steps on a long journey. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, S64-S65	1.5	
15	An Overview of the Computer Motion System. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2001 , 6, 149-155	o.9	
14	Commentary. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 117, 1214-5	1.5	
13	Surgical Treatment of Arrhythmias 2007 , 2163-2174		
12	Innovations Announces a New Affiliation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2014 , 9, 337-337	1.5	
11	Outcomes of Repeat Mitral Valve Surgery in Patients with Pulmonary Hypertension. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015 , 10, 120-124	1.5	
10	A Simple Porcine Model of Inducible Sustained Atrial Fibrillation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016 , 11, 76-78	1.5	
9	Strategies to Improve the Efficacy of Epicardial Linear Ablation on the Beating Heart. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016 , 11, 414-419	1.5	
8	New Feature for Innovations. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009 , 4, 237-237	1.5	
7	Off Pump Coronary Artery Bypass a Valuable Technique but Not for Everyone. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 1-2	1.5	
6	Innovations has a New Affiliation— <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 249-249	1.5	
5	Nonpharmacological stroke prevention strategies in atrial fibrillation patients 2012 , 72-81		

4 Surgery for Atrial Fibrillation and Other SVTs **2014**, 1295-1305

3 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**, 1.5

2 Phenylephrine Provocation to Evaluate the Cause of Mitral Regurgitation in Patients With Obstructive Hypertrophic Cardiomyopathy. *Circulation: Cardiovascular Imaging*, **2021**, 14, e012656 3.9

1 Arrhythmia Surgery **2019**, 804-812.e2