

Donald D Glower

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129
papers

7,599
citations

35
h-index

87
g-index

142
ext. papers

8,796
ext. citations

3.7
avg. IF

5.14
L-index

#	Paper	IF	Citations
129	An engineering approach to mitral valve mechanics and function. <i>Applications in Engineering Science</i> , 2022 , 10, 100094	0.4	
128	Is this a bridge too far?. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 390-391	1.3	
127	Sustained results of robotic mitral repair in a lower volume center with extensive minimally invasive mitral repair experience. <i>Journal of Robotic Surgery</i> , 2021 , 1	2.9	1
126	Long-term outcomes of aortic root replacement for endocarditis. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 1969-1978	1.3	1
125	Surgical risk scores: A roadmap to improved outcome?. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 2452-2453	1.3	
124	Is redo mitral mortality getting better or getting worse?. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 3205-3206	1.3	
123	Commentary: What is behind the door to unloading?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 2051-2052	1.5	
122	Robotic versus port-access mitral repair: A propensity score analysis. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 1219-1225	1.3	4
121	Commentary: Should it be hot or not?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	
120	Commentary: Thoracoscopic ablation for the faint of heart. <i>JTCVS Techniques</i> , 2021 , 8, 67-68	0.2	
119	Late durability of mitral repair for ischemic versus nonischemic functional mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2021 ,	2.7	1
118	Commentary: Tiered referral network for endocarditis: Will it improve surgical outcomes?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	
117	Bicuspid aortic valve repair: An ongoing struggle in material science. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4652-4653	1.3	
116	Commentary: Assessing recovery of ejection fraction after mitral repair: One year after operation, are we there yet?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	
115	Commentary: It's not all in the sauce. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	
114	Commentary: Fixing the hole. <i>JTCVS Techniques</i> , 2020 , 3, 130	0.2	
113	Commentary: It is safe, but is it really better?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	

112	Congenital left atrial appendage pseudoaneurysm, cardiomyopathy, and mitral regurgitation. <i>Annals of Pediatric Cardiology</i> , 2020 , 13, 107-108	0.8	
111	Port-Access Mitral Valve Surgery-An Evolution of Technique. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020 , 32, 829-837	1.7	3
110	Commentary: Single Dose Cardioplegia: How Long Is Too Long?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020 , 32, 484-485	1.7	
109	Commentary: Sympathectomy for cardiomyopathy: It's a matter of nerves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, e147	1.5	
108	Commentary: We can do it, but do we need to?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 758	1.5	
107	Commentary: Biologic versus mechanical valves: Wandering in the dark. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 715	1.5	
106	Use of Medicare Claims to Identify Adverse Clinical Outcomes After Mitral Valve Repair. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007451	6	7
105	Pacemaker Implantation After Mitral Valve Surgery With Atrial Fibrillation Ablation. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2427-2435	15.1	12
104	Redo mitral surgery without transcatheter options: A case of 7 consecutive mitral operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, e129	1.5	1
103	Valvular Disease in Marfan Syndrome: Surgical Considerations and Management. <i>Current Cardiology Reports</i> , 2019 , 21, 23	4.2	
102	Haptoglobin Genotype as a Prognostic Factor for Adverse Events in Coronary Artery Bypass Surgery in Diabetic Patients. <i>Heart Lung and Circulation</i> , 2019 , 28, e104-e105	1.8	
101	Commentary: Following the guidelines: Life in the real world. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1442-1443	1.5	
100	Kicking the can down the road-For 42 years!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 552-553	1.5	1
99	Five-year outcomes of transcatheter reduction of significant mitral regurgitation in high-surgical-risk patients. <i>Heart</i> , 2019 , 105, 1622-1628	5.1	21
98	Congenital Double Orifice Mitral Valve Is A Repairable Condition. <i>Heart Lung and Circulation</i> , 2019 , 28, e147-e148	1.8	0
97	Pre- Versus Post-Procedure Health Care Resource Utilization in Patients Undergoing Commercial Transcatheter Mitral Valve Repair. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2416-2426	5	2
96	One-Year Outcomes After MitraClip for Functional Mitral Regurgitation. <i>Circulation</i> , 2019 , 139, 37-47	16.7	56
95	Reply. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 638	2.7	0

94	Using a Regent Aortic Valve in a Small Annulus Mitral Position Is a Viable Option. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1200-1204	2.7	6
93	Cardiovascular Outcomes Assessment of the MitraClip in Patients with Heart Failure and Secondary Mitral Regurgitation: Design and rationale of the COAPT trial. <i>American Heart Journal</i> , 2018 , 205, 1-11	4.9	55
92	Is Septal Myectomy Needed During Mitral Replacement for Hypertrophic Obstructive Cardiomyopathy?. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1892	2.7	0
91	Task-related changes in degree centrality and local coherence of the posterior cingulate cortex after major cardiac surgery in older adults. <i>Human Brain Mapping</i> , 2018 , 39, 985-1003	5.9	13
90	Minimally Invasive Mitral Repair: Direct Aortic Cannulation Via Right 2nd Intercostal Space. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2018 , 13, 315-317	1.5	4
89	Robotic Mitral Valve Repair in Older Individuals: An Analysis of The Society of Thoracic Surgeons Database. <i>Annals of Thoracic Surgery</i> , 2018 , 106, 1388-1393	2.7	23
88	Long-term outcomes of mitral regurgitation by type and severity. <i>American Heart Journal</i> , 2018 , 203, 39-48	4.9	9
87	A Case of Gerbode Ventricular Septal Defect Endocarditis. <i>Case</i> , 2018 , 2, 207-209	0.5	4
86	Cardiovascular events and hospital resource utilization pre- and post-transcatheter mitral valve repair in high-surgical risk patients. <i>American Heart Journal</i> , 2017 , 189, 146-157	4.9	11
85	Left Atrial Appendage Membrane in a Patient Presenting with Stroke. <i>Case</i> , 2017 , 1, 179-181	0.5	1
84	Use of Adjuncts Reduces Cardiopulmonary Bypass Time During Minimally Invasive Aortic Valve Replacement. <i>Journal of Heart Valve Disease</i> , 2017 , 26, 155-160		3
83	Aortic valve surgery and survival in patients with moderate or severe aortic stenosis and left ventricular dysfunction. <i>European Heart Journal</i> , 2016 , 37, 2276-86	9.5	39
82	Changes in Risk Profile and Outcomes of Patients Undergoing Surgical Aortic Valve Replacement From the Pre- to Post-Transcatheter Aortic Valve Replacement Eras. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 110-7	2.7	16
81	Catastrophic antiphospholipid syndrome after cardiac surgery. <i>Journal of Cardiac Surgery</i> , 2016 , 31, 584-6.3		3
80	Trans-aortic Alfieri stitch at the time of septal myectomy for hypertrophic obstructive cardiomyopathy. <i>Journal of Cardiac Surgery</i> , 2016 , 31, 503-6	1.3	12
79	Management and outcomes in patients with moderate or severe functional mitral regurgitation and severe left ventricular dysfunction. <i>European Heart Journal</i> , 2015 , 36, 2733-41	9.5	39
78	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 73	2.7	1
77	Right Minithoracotomy Versus Median Sternotomy for Mitral Valve Surgery: A Propensity Matched Study. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 575-81	2.7	10

76	Evaluation of renal function before and after percutaneous mitral valve repair. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8,	6	30
75	Predictors and progression of aortic stenosis in patients with preserved left ventricular ejection fraction. <i>American Journal of Cardiology</i> , 2015 , 115, 86-92	3	15
74	Randomized Comparison of Percutaneous Repair and Surgery for Mitral Regurgitation: 5-Year Results of EVEREST II. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2844-2854	15.1	442
73	CASE 8--2015. Paravertebral Catheter-Based Strategy for Primary Analgesia After Minimally Invasive Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 1071-80	2.1	2
72	Long-Term Survival After Bovine Pericardial Versus Porcine Stented Bioprosthetic Aortic Valve Replacement: Does Valve Choice Matter?. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 550-9	2.7	21
71	Percutaneous mitral valve repair for mitral regurgitation in high-risk patients: results of the EVEREST II study. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 172-81	15.1	305
70	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 788	2.7	
69	Quantitative assessment of mitral valve coaptation using three-dimensional transesophageal echocardiography. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1998-2004	2.7	8
68	Aortic Valve Replacement via Right Minithoracotomy versus Median Sternotomy. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2014 , 9, 75-81	1.5	3
67	Aortic valve replacement via right minithoracotomy versus median sternotomy: a propensity score analysis. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2014 , 9, 75-81; discussion 81	1.5	18
66	Improved functional status and quality of life in prohibitive surgical risk patients with degenerative mitral regurgitation after transcatheter mitral valve repair. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 182-92	15.1	210
65	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 125	2.7	
64	4-year results of a randomized controlled trial of percutaneous repair versus surgery for mitral regurgitation. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 317-28	15.1	346
63	Minimally invasive edge-to-edge mitral repair with or without artificial chordae. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1347-53	2.7	8
62	Twenty-five-year outcomes after multiple internal thoracic artery bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 970-975	1.5	20
61	Minithoracotomy versus sternotomy for mitral surgery in patients with chronic renal impairment: a propensity-matched study. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013 , 8, 325-31	1.5	16
60	Minithoracotomy versus Sternotomy for Mitral Surgery in Patients with Chronic Renal Impairment. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013 , 8, 325-331	1.5	1
59	Risk-adjusted survival after tissue versus mechanical aortic valve replacement: a 23-year assessment. <i>Journal of Heart Valve Disease</i> , 2013 , 22, 810-6		6

58	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 1240-1	2.7	4
57	EVEREST II randomized clinical trial: predictors of mitral valve replacement in de novo surgery or after the MitraClip procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, S60-3	1.5	58
56	Acute and 12-month results with catheter-based mitral valve leaflet repair: the EVEREST II (Endovascular Valve Edge-to-Edge Repair) High Risk Study. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 130-9	15.1	437
55	Surgical approaches to mitral regurgitation. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1315-22	13.2	39
54	Comparison of need for operative therapy in patients with mitral valve prolapse involving both leaflets versus posterior leaflet only. <i>American Journal of Cardiology</i> , 2012 , 110, 1350-3	3	1
53	The acute hemodynamic effects of MitraClip therapy. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1658-65	15.1	148
52	Percutaneous repair or surgery for mitral regurgitation. <i>New England Journal of Medicine</i> , 2011 , 364, 1395-406	59.2	1358
51	Increasing mitral valve repair rates with nonresectional techniques. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2011 , 6, 209-20	1.5	9
50	Outcomes for endocarditis surgery in North America: a simplified risk scoring system. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 141, 98-106.e1-2	1.5	163
49	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 1314	2.7	
48	Pathological healing response of explanted MitraClip devices. <i>Circulation</i> , 2011 , 123, 1418-27	16.7	70
47	Increasing Mitral Valve Repair Rates with Nonresectional Techniques. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2011 , 6, 209-220	1.5	1
46	Transaortic Endoclamp for Mitral Valve Operation through Right Minithoracotomy in 369 Patients. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 394-399	1.5	8
45	Aortic valve replacement through right minithoracotomy in 306 consecutive patients. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 326-30	1.5	10
44	The EVEREST II Trial: design and rationale for a randomized study of the evaluate mitraclip system compared with mitral valve surgery for mitral regurgitation. <i>American Heart Journal</i> , 2010 , 160, 23-9	4.9	149
43	Surgical revision after percutaneous mitral repair with the MitraClip device. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 72-80; discussion p 80	2.7	85
42	Intraoperative device closure of postinfarction ventricular septal defects. <i>Annals of Thoracic Surgery</i> , 2010 , 89, e48-50	2.7	11
41	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 1203-4	2.7	

40	Influence of patient age on procedural selection in mitral valve surgery. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1479-85; discussion 1485-6	2.7	41
39	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1920-1	2.7	
38	Aortic Valve Replacement through Right Minithoracotomy in 306 Consecutive Patients. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 326-330	1.5	2
37	Transaortic endoclamp for mitral valve operation through right minithoracotomy in 369 patients. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 394-9	1.5	4
36	Comparison of Minithoracotomy versus Sternotomy in 304 Consecutive Tricuspid Valve Operations. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010 , 5, 3-6	1.5	
35	Early Results of Edge-to-Edge Alfieri Mitral Repair Via Right Mini-Thoracotomy in 68 Consecutive Patients. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009 , 4, 256-60	1.5	9
34	Percutaneous mitral repair with the MitraClip system: safety and midterm durability in the initial EVEREST (Endovascular Valve Edge-to-Edge REpair Study) cohort. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 686-94	15.1	693
33	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 39	2.7	3
32	Mitral valve repair for degenerative disease: a 20-year experience. <i>Annals of Thoracic Surgery</i> , 2009 , 88, 1828-37	2.7	66
31	Survival prognosis and surgical management of ischemic mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2008 , 86, 735-44	2.7	95
30	Patient selection for percutaneous mitral valve repair: insight from early clinical trial applications. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008 , 5, 84-90		24
29	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 963	2.7	
28	Determinants of operative mortality in valvular heart surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 547-57	1.5	255
27	Intermediate-term results of 505 consecutive minithoracotomy mitral valve procedures. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2006 , 1, 99-104	1.5	6
26	Intermediate-Term Results of 505 Consecutive Minithoracotomy Mitral Valve Procedures. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2006 , 1, 99-104	1.5	
25	Patient survival characteristics after routine mitral valve repair for ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 129, 860-8	1.5	64
24	Several new considerations in mitral valve repair. <i>Journal of Heart Valve Disease</i> , 2004 , 13, 399-409		23
23	The effects of acute afterload change on systolic ventricular function in conscious dogs with normal vs. failing hearts. <i>European Journal of Heart Failure</i> , 2003 , 5, 741-9	12.3	14

22	Minimally invasive cardiac surgery. <i>Annals of Surgery</i> , 2003 , 238, S104-9	7.8	1
21	Management of Chronic Aortic Regurgitation. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2003 , 5, 511-520	2.1	0
20	Mitral valve surgery and acute renal injury: port access versus median sternotomy. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 812-9	2.7	40
19	Port-access approach for combined aortic and mitral valve surgery. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 1657-8	2.7	15
18	Minimally invasive tricuspid operation using port access. <i>Annals of Thoracic Surgery</i> , 2002 , 74, 43-5	2.7	10
17	Mitral surgery after prior cardiac operation: port-access versus sternotomy or thoracotomy. <i>Annals of Thoracic Surgery</i> , 2002 , 74, S1323-5	2.7	62
16	Comparison of benefits on myocardial performance of cellular cardiomyoplasty with skeletal myoblasts and fibroblasts. <i>Cell Transplantation</i> , 2000 , 9, 359-68	4	150
15	Intracoronary adenovirus-mediated delivery and overexpression of the beta(2)-adrenergic receptor in the heart : prospects for molecular ventricular assistance. <i>Circulation</i> , 2000 , 101, 408-14	16.7	122
14	Predictors of outcome in a multicenter port-access valve registry. <i>Annals of Thoracic Surgery</i> , 2000 , 70, 1054-9	2.7	52
13	Molecular beta-adrenergic signaling abnormalities in failing rabbit hearts after infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 276, H1853-60	5.2	31
12	First report of the Port Access International Registry. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 51-6; discussion 57-8	2.7	125
11	Comparison of direct aortic and femoral cannulation for port-access cardiac operations. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 1529-31	2.7	27
10	Direct aortic cannulation for port-access mitral or coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 1878-80	2.7	25
9	The effects of ventricular pacing on left ventricular geometry, function, myocardial oxygen consumption, and efficiency of contraction in conscious dogs. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1998 , 21, 1417-29	1.6	43
8	Regenerating functional myocardium: improved performance after skeletal myoblast transplantation. <i>Nature Medicine</i> , 1998 , 4, 929-33	50.5	946
7	Update on Minimally Invasive Coronary Artery and Valvular Surgery. <i>Journal of Interventional Cardiology</i> , 1998 , 11, S111-S113	1.8	
6	A method for perfusion of the leg during cardiopulmonary bypass via femoral cannulation. <i>Annals of Thoracic Surgery</i> , 1998 , 65, 1807-8	2.7	57
5	Determinants of 15-year outcome with 1,119 standard Carpentier-Edwards porcine valves. <i>Annals of Thoracic Surgery</i> , 1998 , 66, S44-8	2.7	51

4	Assessment of the Frank-Starling relationship by two-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , 1996 , 9, 231-40	5.8	3
3	Determinants of reoperation after 960 valve replacements with Carpentier-Edwards prostheses. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 107, 381-393	1.5	36
2	PEG-bovine hemoglobin: safety in a canine dehydrated hypovolemic-hemorrhagic shock model. <i>Biomaterials, Artificial Cells, and Immobilization Biotechnology: Official Journal of the International Society for Artificial Cells and Immobilization Biotechnology</i> , 1992 , 20, 511-24		35
1	Preservation of aortic valve in type A aortic dissection complicated by aortic regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1991 , 102, 62-75	1.5	104