Donald D Glower

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4492590/publications.pdf

Version: 2024-02-01

141 papers 9,596 citations

38 h-index 97 g-index

142 all docs

 $\begin{array}{c} 142 \\ \\ \text{docs citations} \end{array}$

times ranked

142

5606 citing authors

#	Article	IF	CITATIONS
1	Percutaneous Repair or Surgery for Mitral Regurgitation. New England Journal of Medicine, 2011, 364, 1395-1406.	13.9	1,814
2	Regenerating functional myocardium: Improved performance after skeletal myoblast transplantation. Nature Medicine, 1998, 4, 929-933.	15.2	1,079
3	Percutaneous Mitral Repair With the MitraClip System. Journal of the American College of Cardiology, 2009, 54, 686-694.	1.2	852
4	Randomized Comparison of Percutaneous Repair and Surgery for Mitral Regurgitation. Journal of the American College of Cardiology, 2015, 66, 2844-2854.	1.2	658
5	Acute and 12-Month Results With Catheter-Based Mitral Valve Leaflet Repair. Journal of the American College of Cardiology, 2012, 59, 130-139.	1.2	518
6	4-Year Results of a Randomized Controlled Trial of Percutaneous Repair Versus Surgery for Mitral Regurgitation. Journal of the American College of Cardiology, 2013, 62, 317-328.	1.2	411
7	Percutaneous Mitral Valve Repair for Mitral Regurgitation in High-Risk Patients. Journal of the American College of Cardiology, 2014, 64, 172-181.	1.2	390
8	Determinants of operative mortality in valvular heart surgery. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 547-557.	0.4	300
9	Improved Functional Status and Quality of Life in Prohibitive Surgical Risk Patients With Degenerative Mitral Regurgitation After Transcatheter Mitral Valve Repair. Journal of the American College of Cardiology, 2014, 64, 182-192.	1.2	274
10	Outcomes for endocarditis surgery in North America: A simplified risk scoring system. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 98-106.e2.	0.4	203
11	The EVEREST II Trial: Design and rationale for a randomized study of the evalve mitraclip system compared with mitral valve surgery for mitral regurgitation. American Heart Journal, 2010, 160, 23-29.	1.2	182
12	The Acute Hemodynamic Effects of MitraClip Therapy. Journal of the American College of Cardiology, 2011, 57, 1658-1665.	1.2	176
13	Comparison of Benefits on Myocardial Performance of Cellular Cardiomyoplasty with Skeletal Myoblasts and Fibroblasts. Cell Transplantation, 2000, 9, 359-368.	1.2	171
14	First report of the port access international registry. Annals of Thoracic Surgery, 1999, 67, 51-56.	0.7	141
15	Intracoronary Adenovirus-Mediated Delivery and Overexpression of the \hat{l}^2 ₂ -Adrenergic Receptor in the Heart. Circulation, 2000, 101, 408-414.	1.6	133
16	Preservation of aortic valve in type A aortic dissection complicated by aortic regurgitation. Journal of Thoracic and Cardiovascular Surgery, 1991, 102, 62-75.	0.4	125
17	Survival Prognosis and Surgical Management of Ischemic Mitral Regurgitation. Annals of Thoracic Surgery, 2008, 86, 735-744.	0.7	110
18	Surgical Revision After Percutaneous Mitral Repair With the MitraClip Device. Annals of Thoracic Surgery, 2010, 89, 72-80.	0.7	102

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19	One-Year Outcomes After MitraClip for Functional Mitral Regurgitation. Circulation, 2019, 139, 37-47.	1.6	98
20	Pathological Healing Response of Explanted MitraClip Devices. Circulation, 2011, 123, 1418-1427.	1.6	86
21	Cardiovascular Outcomes Assessment of the MitraClip in Patients with Heart Failure and Secondary Mitral Regurgitation: Design and rationale of the COAPT trial. American Heart Journal, 2018, 205, 1-11.	1.2	84
22	Mitral Valve Repair for Degenerative Disease: A 20-Year Experience. Annals of Thoracic Surgery, 2009, 88, 1828-1837.	0.7	79
23	EVEREST II randomized clinical trial: Predictors of mitral valve replacement in de novo surgery or after the MitraClip procedure. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, S60-S63.	0.4	78
24	Mitral surgery after prior cardiac operation:port-access versus sternotomy or thoracotomy. Annals of Thoracic Surgery, 2002, 74, 1323-1325.	0.7	75
25	Aortic valve surgery and survival in patients with moderate or severe aortic stenosis and left ventricular dysfunction. European Heart Journal, 2016, 37, 2276-2286.	1.0	74
26	Patient survival characteristics after routine mitral valve repair for ischemic mitral regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2005, 129, 860-868.	0.4	72
27	A Method for Perfusion of the Leg During Cardiopulmonary Bypass via Femoral Cannulation. Annals of Thoracic Surgery, 1998, 65, 1807-1808.	0.7	63
28	Determinants of 15-year outcome with 1,119 standard Carpentier-Edwards porcine valves. Annals of Thoracic Surgery, 1998, 66, S44-S48.	0.7	61
29	Predictors of outcome in a multicenter port-access valve registry. Annals of Thoracic Surgery, 2000, 70, 1054-1059.	0.7	60
30	Management and outcomes in patients with moderate or severe functional mitral regurgitation and severe left ventricular dysfunction. European Heart Journal, 2015, 36, 2733-2741.	1.0	52
31	The Effects of Ventricular Pacing on Left Ventricular Geometry, Function, Myocardial Oxygen Consumption, and Efficiency of Contraction in Conscious Dogs. PACE - Pacing and Clinical Electrophysiology, 1998, 21, 1417-1429.	0.5	51
32	Surgical Approaches to Mitral Regurgitation. Journal of the American College of Cardiology, 2012, 60, 1315-1322.	1.2	50
33	Five-year outcomes of transcatheter reduction of significant mitral regurgitation in high-surgical-risk patients. Heart, 2019, 105, 1622-1628.	1.2	46
34	Mitral valve surgery and acute renal injury: port access versus median sternotomy. Annals of Thoracic Surgery, 2003, 75, 812-819.	0.7	45
35	Peg-Bovine Hemoglobin: Safety en a Canine Dehydrated Hypovolemic-Hemorrhagic Shock Model. Biomaterials, Artificial Cells, and Immobilization Biotechnology: Official Journal of the International Society for Artificial Cells and Immobilization Biotechnology, 1992, 20, 511-524.	0.2	44
36	Influence of Patient Age on Procedural Selection in Mitral Valve Surgery. Annals of Thoracic Surgery, 2010, 90, 1479-1486.	0.7	44

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37	Evaluation of Renal Function Before and After Percutaneous Mitral Valve Repair. Circulation: Cardiovascular Interventions, 2015, 8, .	1.4	44
38	Robotic Mitral Valve Repair in Older Individuals: An Analysis of The Society of Thoracic Surgeons Database. Annals of Thoracic Surgery, 2018, 106, 1388-1393.	0.7	39
39	Determinants of reoperation after 960 valve replacements with Carpentier-Edwards prostheses. Journal of Thoracic and Cardiovascular Surgery, 1994, 107, 381-393.	0.4	38
40	Molecular \hat{I}^2 -adrenergic signaling abnormalities in failing rabbit hearts after infarction. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H1853-H1860.	1.5	38
41	Pacemaker Implantation AfterÂMitral Valve Surgery With AtrialÂFibrillation Ablation. Journal of the American College of Cardiology, 2019, 73, 2427-2435.	1.2	33
42	Comparison of direct aortic and femoral cannulation for port-access cardiac operations. Annals of Thoracic Surgery, 1999, 68, 1529-1531.	0.7	31
43	Long-Term Survival After Bovine Pericardial Versus Porcine Stented Bioprosthetic Aortic Valve Replacement: Does Valve Choice Matter?. Annals of Thoracic Surgery, 2015, 100, 550-559.	0.7	31
44	Direct aortic cannulation for port-access mitral or coronary artery bypass grafting. Annals of Thoracic Surgery, 1999, 68, 1878-1880.	0.7	28
45	Patient selection for percutaneous mitral valve repair: insight from early clinical trial applications. Nature Clinical Practice Cardiovascular Medicine, 2008, 5, 84-90.	3.3	25
46	Several new considerations in mitral valve repair. Journal of Heart Valve Disease, 2004, 13, 399-409.	0.5	25
47	Trans-aortic Alfieri stitch at the time of septal myectomy for hypertrophic obstructive cardiomyopathy. Journal of Cardiac Surgery, 2016, 31, 503-506.	0.3	22
48	Taskâ€related changes in degree centrality and local coherence of the posterior cingulate cortex after major cardiac surgery in older adults. Human Brain Mapping, 2018, 39, 985-1003.	1.9	22
49	Twenty-five-year outcomes after multiple internal thoracic artery bypass. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 970-975.	0.4	21
50	Predictors and Progression of Aortic Stenosis in Patients With Preserved Left Ventricular Ejection Fraction. American Journal of Cardiology, 2015, 115, 86-92.	0.7	20
51	Aortic Valve Replacement via Right Minithoracotomy versus Median Sternotomy. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2014, 9, 75-81.	0.4	19
52	Changes in Risk Profile and Outcomes of Patients Undergoing Surgical Aortic Valve Replacement From the Pre– to Post–Transcatheter Aortic Valve Replacement Eras. Annals of Thoracic Surgery, 2016, 101, 110-117.	0.7	19
53	Long-term outcomes of mitral regurgitation by type and severity. American Heart Journal, 2018, 203, 39-48.	1.2	19
54	Minithoracotomy versus Sternotomy for Mitral Surgery in Patients with Chronic Renal Impairment. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 325-331.	0.4	18

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55	Port-access approach for combined aortic and mitral valve surgery. Annals of Thoracic Surgery, 2002, 73, 1657-1658.	0.7	17
56	Right Minithoracotomy Versus Median Sternotomy for Mitral Valve Surgery: A Propensity Matched Study. Annals of Thoracic Surgery, 2015, 100, 575-581.	0.7	17
57	The effects of acute afterload change on systolic ventricular function in conscious dogs with normal vs. failing hearts. European Journal of Heart Failure, 2003, 5, 741-749.	2.9	15
58	Quantitative Assessment of Mitral Valve Coaptation Using Three-Dimensional Transesophageal Echocardiography. Annals of Thoracic Surgery, 2014, 97, 1998-2004.	0.7	15
59	Cardiovascular events and hospital resource utilization pre– and post–transcatheter mitral valve repair in high–surgical risk patients. American Heart Journal, 2017, 189, 146-157.	1.2	15
60	Use of Medicare Claims to Identify Adverse Clinical Outcomes After Mitral Valve Repair. Circulation: Cardiovascular Interventions, 2019, 12, e007451.	1.4	15
61	Intraoperative Device Closure of Postinfarction Ventricular Septal Defects. Annals of Thoracic Surgery, 2010, 89, e48-e50.	0.7	13
62	Minimally invasive tricuspid operation using port access. Annals of Thoracic Surgery, 2002, 74, 43-45.	0.7	11
63	Early Results of Edge-to-Edge Alfieri Mitral Repair via Right Mini-Thoracotomy in 68 Consecutive Patients. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2009, 4, 256-260.	0.4	11
64	Aortic Valve Replacement through Right Minithoracotomy in 306 Consecutive Patients. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 326-330.	0.4	10
65	Increasing Mitral Valve Repair Rates with Nonresectional Techniques. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 209-220.	0.4	10
66	Using a Regent Aortic Valve in a Small Annulus Mitral Position Is a Viable Option. Annals of Thoracic Surgery, 2018, 105, 1200-1204.	0.7	10
67	Robotic versus portâ€access mitral repair: A propensity score analysis. Journal of Cardiac Surgery, 2021, 36, 1219-1225.	0.3	10
68	Transaortic Endoclamp for Mitral Valve Operation through Right Minithoracotomy in 369 Patients. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 394-399.	0.4	9
69	Minimally Invasive Edge-to-Edge Mitral Repair With or Without Artificial Chordae. Annals of Thoracic Surgery, 2013, 95, 1347-1353.	0.7	8
70	Port-Access Mitral Valve Surgery—An Evolution of Technique. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 829-837.	0.4	8
71	Risk-adjusted survival after tissue versus mechanical aortic valve replacement: a 23-year assessment. Journal of Heart Valve Disease, 2013, 22, 810-6.	0.5	8
72	Sticking points in magnetic resonance diagnosis of constrictive pericarditis. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 1356-1357.	0.4	7

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73	A Case of Gerbode Ventricular Septal Defect Endocarditis. Case, 2018, 2, 207-209.	0.1	7
74	Assessment of the Frank-Starling relationship by two-dimensional echocardiography. Journal of the American Society of Echocardiography, 1996, 9, 231-240.	1.2	6
75	Intermediate-Term Results of 505 Consecutive Minithoracotomy Mitral Valve Procedures. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2006, 1, 99-104.	0.4	6
76	Invited Commentary. Annals of Thoracic Surgery, 2009, 88, 39.	0.7	6
77	Invited Commentary. Annals of Thoracic Surgery, 2012, 93, 1240-1241.	0.7	6
78	Sustained results of robotic mitral repair in a lower volume center with extensive minimally invasive mitral repair experience. Journal of Robotic Surgery, 2021, , 1.	1.0	6
79	Catastrophic antiphospholipid syndrome after cardiac surgery. Journal of Cardiac Surgery, 2016, 31, 584-586.	0.3	5
80	Transaortic endoclamp for mitral valve operation through right minithoracotomy in 369 patients. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 394-9.	0.4	5
81	Minimally Invasive Mitral Repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2018, 13, 315-317.	0.4	4
82	Pre- Versus Post-Procedure Health Care Resource Utilization in Patients Undergoing Commercial Transcatheter Mitral Valve Repair. JACC: Cardiovascular Interventions, 2019, 12, 2416-2426.	1.1	4
83	Late durability of mitral repair for ischemic versus nonischemic functional mitral regurgitation. Annals of Thoracic Surgery, 2021, , .	0.7	4
84	Aortic Valve Replacement via Right Minithoracotomy versus Median Sternotomy. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2014, 9, 75-81.	0.4	3
85	Longâ€ŧerm outcomes of aortic root replacement for endocarditis. Journal of Cardiac Surgery, 2021, 36, 1969-1978.	0.3	3
86	Use of Adjuncts Reduces Cardiopulmonary Bypass Time During Minimally Invasive Aortic Valve Replacement. Journal of Heart Valve Disease, 2017, 26, 155-160.	0.5	3
87	Management of chronic aortic regurgitation. Current Treatment Options in Cardiovascular Medicine, 2003, 5, 511-520.	0.4	2
88	Comparison of Need for Operative Therapy in Patients With Mitral Valve Prolapse Involving Both Leaflets Versus Posterior Leaflet Only. American Journal of Cardiology, 2012, 110, 1350-1353.	0.7	2
89	CASE 8—2015Paravertebral Catheter-Based Strategy for Primary Analgesia After Minimally Invasive Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 1071-1080.	0.6	2
90	Aortic Valve Replacement through Right Minithoracotomy in 306 Consecutive Patients. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 326-330.	0.4	2

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91	Increasing Mitral Valve Repair Rates with Nonresectional Techniques. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 209-220.	0.4	2
92	Minimally Invasive Cardiac Surgery. Annals of Surgery, 2003, 238, S104-S109.	2.1	1
93	Invited Commentary. Annals of Thoracic Surgery, 2015, 100, 73.	0.7	1
94	Left Atrial Appendage Membrane in a Patient Presenting with Stroke. Case, 2017, 1, 179-181.	0.1	1
95	Reply. Annals of Thoracic Surgery, 2018, 106, 638.	0.7	1
96	Is Septal Myectomy Needed During Mitral Replacement for Hypertrophic Obstructive Cardiomyopathy?. Annals of Thoracic Surgery, 2018, 106, 1892.	0.7	1
97	Congenital Double Orifice Mitral Valve Is A Repairable Condition. Heart Lung and Circulation, 2019, 28, e147-e148.	0.2	1
98	Commentary: Biologic versus mechanical valves: Wandering in the dark. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 715.	0.4	1
99	Redo mitral surgery without transcatheter options: A case of 7 consecutive mitral operations. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e129.	0.4	1
100	Valvular Disease in Marfan Syndrome: Surgical Considerations and Management. Current Cardiology Reports, 2019, 21, 23.	1.3	1
101	Kicking the can down the road—For 42Âyears!. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 552-553.	0.4	1
102	Commentary: Single Dose Cardioplegia: How Long Is Too Long?. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 484-485.	0.4	1
103	What Can We Expect From MitraClip After Failed Surgical Mitral Repair?. Journal of the American Heart Association, 2021, 10, e021277.	1.6	1
104	Minithoracotomy versus Sternotomy for Mitral Surgery in Patients with Chronic Renal Impairment. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 325-331.	0.4	1
105	An engineering approach to mitral valve mechanics and function. Applications in Engineering Science, 2022, 10, 100094.	0.5	1
106	Restrictive mitral annuloplasty: Patient selection is the key. Annals of Thoracic Surgery, 2021, , .	0.7	1
107	Update on Minimally Invasive Coronary Artery and Valvular Surgery. Journal of Interventional Cardiology, 1998, 11, S111-S113.	0.5	0
108	Invited commentary. Annals of Thoracic Surgery, 2007, 83, 963.	0.7	0

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109	Invited Commentary. Annals of Thoracic Surgery, 2010, 89, 1203-1204.	0.7	O
110	Invited Commentary. Annals of Thoracic Surgery, 2010, 90, 1920-1921.	0.7	0
111	Invited Commentary. Annals of Thoracic Surgery, 2011, 92, 1314.	0.7	0
112	Invited Commentary. Annals of Thoracic Surgery, 2013, 95, 125.	0.7	0
113	Myocardial protection isn't dead yet. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2309.	0.4	0
114	Invited Commentary. Annals of Thoracic Surgery, 2014, 97, 788.	0.7	0
115	Cutting corners. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1301.	0.4	0
116	Physician heal thyself. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 4-5.	0.4	0
117	Getting to the heart of the matter. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 884-885.	0.4	0
118	It's not just an open or shut case. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 143.	0.4	0
119	Commentary: We can do it, but do we need to?. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 758.	0.4	0
120	Haptoglobin Genotype as a Prognostic Factor for Adverse Events in Coronary Artery Bypass Surgery in Diabetic Patients. Heart Lung and Circulation, 2019, 28, e104-e105.	0.2	0
121	Commentary: Following the guidelines: Life in the real world. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1442-1443.	0.4	0
122	Pulling strings on the mitral valve. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e125-e126.	0.4	0
123	Once anomaly, twice coincidence, thrice…. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, e31.	0.4	0
124	Commentary: Sympathectomy for cardiomyopathy: It's a matter of nerves. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, e147.	0.4	0
125	Commentary: It's not all in the sauce. Journal of Thoracic and Cardiovascular Surgery, 2020, , .	0.4	0
126	Commentary: Fixing the hole. JTCVS Techniques, 2020, 3, 130.	0.2	0

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127	Commentary: What is behind the door to unloading?. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 2051-2052.	0.4	0
128	Commentary: Should it be hot or not?. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
129	Surgical risk scores: A roadmap to improved outcome?. Journal of Cardiac Surgery, 2021, 36, 2452-2453.	0.3	O
130	Is redo mitral mortality getting better or getting worse?. Journal of Cardiac Surgery, 2021, 36, 3205-3206.	0.3	0
131	Commentary: Thoracoscopic ablation for the faint of heart. JTCVS Techniques, 2021, 8, 67-68.	0.2	0
132	Commentary: Tiered referral network for endocarditis: Will it improve surgical outcomes?. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
133	Bicuspid aortic valve repair: An ongoing struggle in material science. Journal of Cardiac Surgery, 2021, 36, 4652-4653.	0.3	0
134	Commentary: Assessing recovery of ejection fraction after mitral repair: After one year postop, are we there yet?. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
135	The outcome of mitral repair for degenerative versus ischemic mitral regurgitation using a single complete ring. Journal of Cardiac Surgery, 2021, , .	0.3	0
136	Intermediate-Term Results of 505 Consecutive Minithoracotomy Mitral Valve Procedures. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2006, 1, 99-104.	0.4	0
137	Comparison of Minithoracotomy versus Sternotomy in 304 Consecutive Tricuspid Valve Operations. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 3-6.	0.4	0
138	Abstract 13513: MitraClip \hat{A}^{\circledast} for Functional Mitral Regurgitation: Outcomes in Over 600 Patients. Circulation, 2015, 132, .	1.6	0
139	Commentary: It is safe, but is it really better?. Journal of Thoracic and Cardiovascular Surgery, 2020, , .	0.4	0
140	Congenital left atrial appendage pseudoaneurysm, cardiomyopathy, and mitral regurgitation. Annals of Pediatric Cardiology, 2020, 13, 107.	0.2	0
141	Is this a bridge too far?. Journal of Cardiac Surgery, 2021, 36, 390-391.	0.3	0