

# John Michael DiMaio

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

862  
citations

623188

14  
h-index

525886

27  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contemporary extracorporeal membrane oxygenation therapy in adults: Fundamental principles and systematic review of the evidence. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 20-32.	0.4	130
2	Outcomes of Isolated Tricuspid Valve Surgery Have Improved in the Modern Era. <i>Annals of Thoracic Surgery</i> , 2019, 108, 11-15.	0.7	90
3	Physician Burnout: Are We Treating the Symptoms Instead of the Disease?. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1117-1122.	0.7	87
4	Surgical Explantation After TAVR Failure. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1978-1991.	1.1	67
5	Posterior left pericardiotomy for the prevention of atrial fibrillation after cardiac surgery: an adaptive, single-centre, single-blind, randomised, controlled trial. <i>Lancet, The</i> , 2021, 398, 2075-2083.	6.3	51
6	Enhanced Recovery After Surgery: A Narrative Review of its Application in Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1937-1944.	0.7	40
7	Albumin Is Predictive of 1-Year Mortality After Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1302-1307.	0.7	38
8	Venovenous extracorporeal membrane oxygenation for patients with refractory coronavirus disease 2019 (COVID-19): Multicenter experience of referral hospitals in a large health care system. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1071-1079.e3.	0.4	26
9	Clinical Leaflet Thrombosis in Transcatheter and Surgical Bioprosthetic Aortic Valves by Four-Dimensional Computed Tomography. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1716-1725.	0.7	23
10	Anti-Granulocyte Macrophage Colony-Stimulating Factor Monoclonal Antibody Gimsilumab for COVID-19 Pneumonia: A Randomized, Double-Blind, Placebo-controlled Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1290-1299.	2.5	19
11	Human Factors and Human Nature in Cardiothoracic Surgery. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2059-2066.	0.7	17
12	Description of a Method to Obtain Complete One-Year Follow-Up in the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. <i>American Journal of Cardiology</i> , 2018, 121, 758-761.	0.7	17
13	Comparison of Frequency of Vascular Complications With Ultrasound-Guided Versus Fluoroscopic Roadmap-Guided Femoral Arterial Access in Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020, 132, 93-99.	0.7	17
14	Outcomes of Extracorporeal Membrane Oxygenation in Patients With Severe Acute Respiratory Distress Syndrome Caused by COVID-19 Versus Influenza. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1445-1451.	0.7	17
15	Machine learning analysis of multispectral imaging and clinical risk factors to predict amputation wound healing. <i>Journal of Vascular Surgery</i> , 2022, 75, 279-285.	0.6	16
16	Digital Health Primer for Cardiothoracic Surgeons. <i>Annals of Thoracic Surgery</i> , 2020, 110, 364-372.	0.7	12
17	Long-Term Survival After On-Pump and Off-Pump Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1943-1952.	0.7	12
18	Long-term outcomes of the Ross procedure in adults. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 499-508.	0.6	10

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19	Impact of Aortic Atherosclerosis Burden on Outcomes of Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2020, 109, 465-471.	0.7	9
20	Surgical debranching versus branched endografting in zone 2 thoracic endovascular aortic repair. <i>Journal of Vascular Surgery</i> , 2022, 75, 1829-1836.e3.	0.6	9
21	Structural valve degeneration of bioprosthetic aortic valves: A network meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 52-59.	0.4	9
22	Implantation of Transcatheter Aortic Prosthesis in 3 Patients With Mitral Annular Calcification. <i>Annals of Thoracic Surgery</i> , 2016, 102, e433-e435.	0.7	8
23	Systematic review of transcatheter aortic valve replacement after previous mitral valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 63-65.e5.	0.4	8
24	Trends in HeartMate 3: What we know so far. <i>Journal of Cardiac Surgery</i> , 2020, 35, 180-187.	0.3	8
25	Treatment of acute respiratory distress syndrome from COVID-19 with extracorporeal membrane oxygenation in obstetrical patients. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , 2022, 4, 100537.	1.3	8
26	Impingement of Single-Tilting Disc Mitral Prosthesis During Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2016, 102, e529-e531.	0.7	7
27	Robotic Excision of a Papillary Fibroelastoma of the Mitral Chordae. <i>Annals of Thoracic Surgery</i> , 2016, 101, e187-e188.	0.7	6
28	Convergent epicardial-endothelial ablation for treatment of long-standing persistent atrial fibrillation: A review of literature. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1306-1313.	0.3	6
29	Systematic Review of Minimally Invasive Surgery for Mitral Valve Infective Endocarditis. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 244-248.	0.4	6
30	Long-term outcomes of patients with primary graft dysfunction after cardiac transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1178-1183.	0.6	6
31	Surgical implantation of balloon-expandable heart valves for the treatment of mitral annular calcification. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 62-70.	0.4	6
32	Utilization of high donor sequence number grafts in cardiac transplantation. <i>Clinical Transplantation</i> , 2018, 32, e13128.	0.8	5
33	Intermediate-term survival and functional outcomes of COVID-19 extracorporeal membrane oxygenation patients. <i>Journal of Cardiac Surgery</i> , 2022, 37, 789-794.	0.3	5
34	Effect of Preincisional Liposomal Bupivacaine Sternal Blockade on Poststernotomy Opioid Use. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1562-1567.	0.7	5
35	Extracorporeal membrane oxygenation for respiratory failure in phases of COVID-19 variants. <i>Journal of Cardiac Surgery</i> , 2022, 37, 2972-2979.	0.3	5
36	Safe implementation of enhanced recovery after surgery protocol in transfemoral transcatheter aortic valve replacement. <i>Baylor University Medical Center Proceedings</i> , 2021, 34, 5-10.	0.2	4

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37	Cerebral protection during deep hypothermic circulatory arrest: Can a molecular approach via microRNA inhibition improve on a millennia-old strategy?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 684-686.	0.4	3
38	Prospective Evaluation of a Blood Transfusion Protocol for Patients Undergoing Cardiac Operations. <i>Annals of Thoracic Surgery</i> , 2020, 110, 144-151.	0.7	3
39	Comparison of the Bentall procedure versus valve-sparing aortic root replacement. <i>Baylor University Medical Center Proceedings</i> , 2020, 33, 524-528.	0.2	3
40	Double-Valve Replacement in Patients With Mitral Annular Calcification and Aortic Stenosis. <i>Annals of Thoracic Surgery</i> , 2021, 111, e311-e313.	0.7	3
41	Minimally invasive mitral valve surgery after previous sternotomy: A propensity-matched analysis. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3177-3183.	0.3	3
42	Surgical treatment of infective endocarditis at comprehensive versus primary valve centers. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 442-452.e6.	0.4	3
43	SYNTAX Score II 2020. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1239-1241.	1.2	3
44	Catheter-based or surgical repair of the highest risk secondary mitral regurgitation patients. <i>Annals of Cardiothoracic Surgery</i> , 2015, 4, 278-83.	0.6	3
45	Heart team approach for comprehensive management of aortic coarctation in the adult. <i>Annals of Cardiothoracic Surgery</i> , 2022, 11, 37-45.	0.6	3
46	Blood Product Utilization in Patients With COVID-19 on ECMO. <i>Journal of Surgical Research</i> , 2022, 276, 24-30.	0.8	3
47	Quantifying regional left ventricular contractile function: Leave it to the machines?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 247-249.	0.4	2
48	Preventative medicine: The next revolution in the treatment of aortic stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 263-264.	0.4	2
49	Identification of Patient Factors Associated with Loss to Follow-Up at 1-Year Post Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , 2019, 3, 61-64.	0.2	2
50	Incidental finding of giant coronary artery aneurysm. <i>Journal of Cardiac Surgery</i> , 2020, 35, 200-201.	0.3	2
51	Lemierre's syndrome treated operatively. <i>Baylor University Medical Center Proceedings</i> , 2020, 33, 671-673.	0.2	2
52	How to be an Innovator in Cardiothoracic Surgery. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 299-302.	0.4	2
53	A Review of Robotic Mitral Valve Surgery. <i>Structural Heart</i> , 2021, 5, 151-157.	0.2	2
54	David-V Procedure in a Patient with Aortic Dilation and Competent Quadricuspid Aortic Valve: Are Genetics to Blame?. <i>Aorta</i> , 2016, 04, 178-180.	0.1	1

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55	A call for standardized end point definitions regarding outcomes of extracorporeal membrane oxygenation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 147-148.	0.4	1
56	Development of Multiple Aortic Mycotic Aneurysms After Cardiac Catheterization. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2017, 5, 232470961774090.	0.3	1
57	Challenging Management of a Patient With Severe Bilateral Deep Vein Thrombosis. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2020, 8, 232470962091028.	0.3	1
58	Usefulness of Thoracic Aortic Calcium to Predict 1-Year Mortality After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2021, 140, 103-109.	0.7	1
59	Extracorporeal membrane oxygenation for patients with pulmonary embolism undergoing thrombolysis. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	1
60	Pathologic confirmation of valve thrombosis detected by four-dimensional computed tomography following valve-in-valve transcatheter aortic valve replacement. <i>Global Cardiology Science &amp; Practice</i> , 2017, 2017, 15.	0.3	1
61	Robotic mitral valve surgery after prior sternotomy. <i>JTCVS Techniques</i> , 2022, , .	0.2	1
62	Overview of Cardiothoracic Surgeon Compensation: Practice Setting, Productivity, and Payment Structures. <i>Annals of Thoracic Surgery</i> , 2022, 114, 2383-2390.	0.7	1
63	A porcine model for aortic valve insufficiency: If pigs could fly, they would teach surgeons to treat AI. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 664-665.	0.4	0
64	Aortic Regurgitation Caused by an Aberrant Mitral Chord Tethering the Anterior Mitral Leaflet to an Aortic Valve Cusp. <i>Annals of Thoracic Surgery</i> , 2016, 101, e163.	0.7	0
65	Don't change the guidelines yet, randomized data on surgical left atrial appendage closure is on the horizon. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1081-1082.	0.4	0
66	Commentary: Off-pump mitral repair—Augmenting the future. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, e137.	0.4	0
67	Robotic Repair of a Congenital Isolated Cleft of Anterior Tricuspid Valve Leaflet. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2019, 7, 232470961882380.	0.3	0
68	Reply. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1305.	0.7	0
69	A Newly Discovered Genetic Disorder Associated With Life-Threatening Aortic Disease in a 6-Year-Old Boy. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2020, 8, 232470962090923.	0.3	0
70	Commentary: Molecular pathogenesis of aortic stenosis: Will the puzzle pieces ever fit together?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e19-e20.	0.4	0
71	Preparing for the Future: Funding for Graduate Medical Education in Cardiothoracic Surgery. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1736-1740.	0.7	0
72	52 Refinement of a Histologic Algorithm for Burn Depth Categorization Using 1142 Consecutive Burn Wound Biopsies. <i>Journal of Burn Care and Research</i> , 2022, 43, S35-S36.	0.2	0

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73	55 Initial Experience Using Artificial Intelligence for the Assessment of Pediatric Burn Depth. Journal of Burn Care and Research, 2022, 43, S38-S38.	0.2	0
74	50 Rise of the (Learning) Machines: Artificial Intelligence for the Assessment of Adult Thermal Burns. Journal of Burn Care and Research, 2022, 43, S34-S35.	0.2	0