John Michael DiMaio

List of Publications by Year
in descending order

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Version: 2024-02-01

74	862	623188	525886
papers	citations	14	27
		h-index	g-index

74	74	74	1048
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surgical implantation of balloon-expandable heart valves for the treatment of mitral annular calcification. Journal of Thoracic and Cardiovascular Surgery, 2023, 166, 62-70.	0.4	6
2	Surgical treatment of infective endocarditis at comprehensive versus primary valve centers. Journal of Thoracic and Cardiovascular Surgery, 2023, 166, 442-452.e6.	0.4	3
3	Structural valve degeneration of bioprosthetic aortic valves: A network meta-analysis. Journal of Thoracic and Cardiovascular Surgery, 2023, 166, 52-59.	0.4	9
4	Venovenous extracorporeal membrane oxygenation for patients with refractory coronavirus disease 2019 (COVID-19): Multicenter experience of referral hospitals in a large health care system. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1071-1079.e3.	0.4	26
5	Outcomes of Extracorporeal Membrane Oxygenation in Patients With Severe Acute Respiratory Distress Syndrome Caused by COVID-19 Versus Influenza. Annals of Thoracic Surgery, 2022, 113, 1445-1451.	0.7	17
6	Machine learning analysis of multispectral imaging and clinical risk factors to predict amputation wound healing. Journal of Vascular Surgery, 2022, 75, 279-285.	0.6	16
7	Long-Term Survival After On-Pump and Off-Pump Coronary Artery Bypass Grafting. Annals of Thoracic Surgery, 2022, 113, 1943-1952.	0.7	12
8	Treatment of acute respiratory distress syndrome from COVID-19 with extracorporeal membrane oxygenation in obstetrical patients. American Journal of Obstetrics & Gynecology MFM, 2022, 4, 100537.	1.3	8
9	Heart team approach for comprehensive management of aortic coarctation in the adult. Annals of Cardiothoracic Surgery, 2022, 11, 37-45.	0.6	3
10	Surgical debranching versus branched endografting in zone 2 thoracic endovascular aortic repair. Journal of Vascular Surgery, 2022, 75, 1829-1836.e3.	0.6	9
11	Intermediateâ€term survival and functional outcomes of COVIDâ€19 extracorporeal membrane oxygenation patients. Journal of Cardiac Surgery, 2022, 37, 789-794.	0.3	5
12	Robotic mitral valve surgery after prior sternotomy. JTCVS Techniques, 2022, , .	0.2	1
13	52 Refinement of a Histologic Algorithm for Burn Depth Categorization Using 1142 Consecutive Burn Wound Biopsies. Journal of Burn Care and Research, 2022, 43, S35-S36.	0.2	0
14	Anti-Granulocyteâ€“Macrophage Colonyâ€“Stimulating Factor Monoclonal Antibody Gimsilumab for COVID-19 Pneumonia: A Randomized, Double-Blind, Placebo-controlled Trial. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1290-1299.	2.5	19
15	Effect of Preincisional Liposomal Bupivacaine Sternal Blockade on Poststernotomy Opioid Use. Annals of Thoracic Surgery, 2022, 114, 1562-1567.	0.7	5
16	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
17	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
18	Overview of Cardiothoracic Surgeon Compensation: Practice Setting, Productivity, and Payment Structures. Annals of Thoracic Surgery, 2022, 114, 2383-2390.	0.7	1

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19	Blood Product Utilization in Patients With COVID-19 on ECMO. Journal of Surgical Research, 2022, 276, 24-30.	0.8	3
20	Extracorporeal membrane oxygenation for respiratory failure in phases of COVIDâ€19 variants. Journal of Cardiac Surgery, 2022, 37, 2972-2979.	0.3	5
21	How to be an Innovator in Cardiothoracic Surgery. Seminars in Thoracic and Cardiovascular Surgery, 2021, 33, 299-302.	0.4	2
22	Double-Valve Replacement in Patients With Mitral Annular Calcification and Aortic Stenosis. Annals of Thoracic Surgery, 2021, 111, e311-e313.	0.7	3
23	Safe implementation of enhanced recovery after surgery protocol in transfemoral transcatheter aortic valve replacement. Baylor University Medical Center Proceedings, 2021, 34, 5-10.	0.2	4
24	Usefulness of Thoracic Aortic Calcium to Predict 1-Year Mortality After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2021, 140, 103-109.	0.7	1
25	Commentary: Molecular pathogenesis of aortic stenosis: Will the puzzle pieces ever fit together?. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, e19-e20.	0.4	0
26	Systematic Review of Minimally Invasive Surgery for Mitral Valve Infective Endocarditis. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 244-248.	0.4	6
27	Minimally invasive mitral valve surgery after previous sternotomy: A propensityâ€matched analysis. Journal of Cardiac Surgery, 2021, 36, 3177-3183.	0.3	3
28	Long-term outcomes of patients with primary graft dysfunction after cardiac transplantation. European Journal of Cardio-thoracic Surgery, 2021, 60, 1178-1183.	0.6	6
29	Long-term outcomes of the Ross procedure in adults. Annals of Cardiothoracic Surgery, 2021, 10, 499-508.	0.6	10
30	Preparing for the Future: Funding for Graduate Medical Education in Cardiothoracic Surgery. Annals of Thoracic Surgery, 2021, 112, 1736-1740.	0.7	0
31	Surgical Explantation After TAVR Failure. JACC: Cardiovascular Interventions, 2021, 14, 1978-1991.	1.1	67
32	SYNTAX Score II 2020. Journal of the American College of Cardiology, 2021, 78, 1239-1241.	1.2	3
33	Extracorporeal membrane oxygenation for patients with pulmonary embolism undergoing thrombolysis. Annals of Thoracic Surgery, 2021, , .	0.7	1
34	A Review of Robotic Mitral Valve Surgery. Structural Heart, 2021, 5, 151-157.	0.2	2
35	Posterior left pericardiotomy for the prevention of atrial fibrillation after cardiac surgery: an adaptive, single-centre, single-blind, randomised, controlled trial. Lancet, The, 2021, 398, 2075-2083.	6.3	51
36	Trends in HeartMate 3: What we know so far. Journal of Cardiac Surgery, 2020, 35, 180-187.	0.3	8

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37	Impact of Aortic Atherosclerosis Burden on Outcomes of Surgical Aortic Valve Replacement. Annals of Thoracic Surgery, 2020, 109, 465-471.	0.7	9
38	Enhanced Recovery After Surgery: AÂNarrative Review of its Application inÂCardiac Surgery. Annals of Thoracic Surgery, 2020, 109, 1937-1944.	0.7	40
39	Reply. Annals of Thoracic Surgery, 2020, 109, 1305.	0.7	0
40	Incidental finding of giant coronary artery aneurysm. Journal of Cardiac Surgery, 2020, 35, 200-201.	0.3	2
41	Prospective Evaluation of a Blood Transfusion Protocol for Patients Undergoing Cardiac Operations. Annals of Thoracic Surgery, 2020, 110, 144-151.	0.7	3
42	Lemierreâ€™s syndrome treated operatively. Baylor University Medical Center Proceedings, 2020, 33, 671-673.	0.2	2
43	Digital Health Primer for Cardiothoracic Surgeons. Annals of Thoracic Surgery, 2020, 110, 364-372.	0.7	12
44	Comparison of Frequency of Vascular Complications With Ultrasound-Guided Versus Fluroscopic Roadmap-Guided Femoral Arterial Access in Patients Who Underwent Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2020, 132, 93-99.	0.7	17
45	Challenging Management of a Patient With Severe Bilateral Deep Vein Thrombosis. Journal of Investigative Medicine High Impact Case Reports, 2020, 8, 232470962091028.	0.3	1
46	Comparison of the Bentall procedure versus valve-sparing aortic root replacement. Baylor University Medical Center Proceedings, 2020, 33, 524-528.	0.2	3
47	A Newly Discovered Genetic Disorder Associated With Life-Threatening Aortic Disease in a 6-Year-Old Boy. Journal of Investigative Medicine High Impact Case Reports, 2020, 8, 232470962090923.	0.3	0
48	Convergent epicardialâ€endocardial ablation for treatment of longâ€standing persistent atrial fibrillation: A review of literature. Journal of Cardiac Surgery, 2020, 35, 1306-1313.	0.3	6
49	Identification of Patient Factors Associated with Loss to Follow-Up at 1-Year Post Transcatheter Aortic Valve Replacement. Structural Heart, 2019, 3, 61-64.	0.2	2
50	Outcomes of Isolated Tricuspid Valve Surgery Have Improved in the Modern Era. Annals of Thoracic Surgery, 2019, 108, 11-15.	0.7	90
51	Commentary: Off-pump mitral repairâ€”Augmenting the future. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, e137.	0.4	0
52	Robotic Repair of a Congenital Isolated Cleft of Anterior Tricuspid Valve Leaflet. Journal of Investigative Medicine High Impact Case Reports, 2019, 7, 232470961882380.	0.3	0
53	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. American Journal of Cardiology, 2018, 121, 758-761.	0.7	17
54	Systematic review of transcatheter aortic valve replacement after previous mitral valve surgery. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 63-65.e5.	0.4	8

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55	Utilization of high donor sequence number grafts in cardiac transplantation. Clinical Transplantation, 2018, 32, e13128.	0.8	5
56	Clinical Leaflet Thrombosis in Transcatheter and Surgical Bioprosthetic Aortic Valves by Four-Dimensional Computed Tomography. Annals of Thoracic Surgery, 2018, 106, 1716-1725.	0.7	23
57	Albumin Is Predictive of 1-Year Mortality After Transcatheter Aortic Valve Replacement. Annals of Thoracic Surgery, 2018, 106, 1302-1307.	0.7	38
58	Don't change the guidelines yet, randomized data on surgical left atrial appendage closure is on the horizon. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1081-1082.	0.4	0
59	A call for standardized end point definitions regarding outcomes of extracorporeal membrane oxygenation. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 147-148.	0.4	1
60	Physician Burnout: Are We Treating the Symptoms Instead of the Disease?. Annals of Thoracic Surgery, 2017, 104, 1117-1122.	0.7	87
61	Development of Multiple Aortic Mycotic Aneurysms After Cardiac Catheterization. Journal of Investigative Medicine High Impact Case Reports, 2017, 5, 232470961774090.	0.3	1
62	Pathologic confirmation of valve thrombosis detected by four-dimensional computed tomography following valve-in-valve transcatheter aortic valve replacement. Global Cardiology Science & Practice, 2017, 2017, 15.	0.3	1
63	David-V Procedure in a Patient with Aortic Dilation and Competent Quadricuspid Aortic Valve: Are Genetics to Blame?. Aorta, 2016, 04, 178-180.	0.1	1
64	Robotic Excision of a Papillary Fibroelastoma of the Mitral Chordae. Annals of Thoracic Surgery, 2016, 101, e187-e188.	0.7	6
65	Aortic Regurgitation Caused by an Aberrant Mitral Chord Tethering the Anterior Mitral Leaflet to an Aortic Valve Cusp. Annals of Thoracic Surgery, 2016, 101, e163.	0.7	0
66	Human Factors and Human Nature in Cardiothoracic Surgery. Annals of Thoracic Surgery, 2016, 101, 2059-2066.	0.7	17
67	Contemporary extracorporeal membrane oxygenation therapy in adults: Fundamental principles and systematic review of the evidence. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 20-32.	0.4	130
68	Impingement of Single-Tilting Disc Mitral Prosthesis During Transcatheter Aortic ValveÂReplacement. Annals of Thoracic Surgery, 2016, 102, e529-e531.	0.7	7
69	Implantation of Transcatheter Aortic Prosthesis in 3 Patients With Mitral Annular Calcification. Annals of Thoracic Surgery, 2016, 102, e433-e435.	0.7	8
70	Preventative medicine: The next revolution in the treatment of aortic stenosis. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 263-264.	0.4	2
71	Cerebral protection during deep hypothermic circulatory arrest: Can a molecular approach via microRNA inhibition improve on a millennia-old strategy?. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 684-686.	0.4	3
72	Quantifying regional left ventricular contractile function: Leave it to the machines?. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 247-249.	0.4	2

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73	A porcine model for aortic valve insufficiency: If pigs could fly, they would teach surgeons to treat AI. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 664-665.	0.4	0
74	Catheter-based or surgical repair of the highest risk secondary mitral regurgitation patients. Annals of Cardiothoracic Surgery, 2015, 4, 278-83.	0.6	3