

# Tomas Holubec

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

1,102  
citations

686830

13  
h-index

433756

31  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell type-specific expression of the putative SARS-CoV-2 receptor ACE2 in human hearts. <i>European Heart Journal</i> , 2020, 41, 1804-1806.	1.0	246
2	Implementation of a patient blood management monitoring and feedback program significantly reduces transfusions and costs. <i>Transfusion</i> , 2015, 55, 2807-2815.	0.8	161
3	Mitral valve surgery: Right lateral minithoracotomy or sternotomy? A systematic review and meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1989-1995.e4.	0.4	106
4	Prediction of mortality rate in acute type A dissection: the German Registry for Acute Type A Aortic Dissection score. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 700-706.	0.6	88
5	Epicardial left atrial appendage AtriClip occlusion reduces the incidence of stroke in patients with atrial fibrillation undergoing cardiac surgery. <i>Europace</i> , 2018, 20, e105-e114.	0.7	68
6	Long-Term Outcomes of Patients Undergoing the Ross Procedure. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1412-1422.	1.2	67
7	Isolated thoracic aortitis: clinicopathological and immunohistochemical study of 11 cases. <i>Cardiovascular Pathology</i> , 2011, 20, 352-360.	0.7	44
8	A human cell atlas of the pressure-induced hypertrophic heart. , 2022, 1, 174-185.		30
9	The Use of Extracellular Matrix Patches in Cardiac Surgery. <i>Journal of Cardiac Surgery</i> , 2015, 30, 145-148.	0.3	28
10	New developments in transcatheter therapy of mitral valve disease. <i>Journal of Thoracic Disease</i> , 2020, 12, 1728-1739.	0.6	19
11	Chordae replacement versus leaflet resection in minimally invasive mitral valve repair. <i>Annals of Cardiothoracic Surgery</i> , 2013, 2, 809-13.	0.6	16
12	Clinical performance of a new bidirectional rotational mechanical lead extraction sheath. <i>Europace</i> , 2016, 18, 253-256.	0.7	15
13	Long-term follow-up after aortic root replacement with the Shelhigh® biological valved conduit: a word of caution!. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 1172-1178.	0.6	14
14	An Expandable Aortic Ring in Aortic Root Remodeling: Exact Position, Pulsatility, Effectiveness, and Stability in Three-Dimensional CT Study. <i>Annals of Thoracic Surgery</i> , 2017, 103, 83-90.	0.7	14
15	Repair of post-infarction left ventricular free wall rupture using an extracellular matrix patch. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 800-803.	0.6	12
16	A Foreign Body in the Heart Due to an Unusual Injury. <i>Annals of Thoracic Surgery</i> , 2009, 88, 985-987.	0.7	11
17	Coroneo extra-aortic annuloplasty ring could stabilize even the pulmonary autograft annulus in a Ross operation. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 431-433.	0.6	11
18	Valve Cuspidity: A Risk Factor for Aortic Valve Repair?. <i>Journal of Cardiac Surgery</i> , 2014, 29, 585-592.	0.3	11

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19	Effects of conventional CPB and mini-CPB on neutrophils CD162, CD166 and CD195 expression. <i>Perfusion (United Kingdom)</i> , 2017, 32, 141-150.	0.5	11
20	Mid-Term Outcomes of Minimally Invasive Direct Coronary Artery Bypass Grafting. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 313-318.	0.4	10
21	Long-Term Outcomes after Minimally Invasive Aortic Valve Surgery through Right Anterior Minithoracotomy. <i>Thoracic and Cardiovascular Surgeon</i> , 2017, 65, 191-197.	0.4	10
22	Does implantation technique influence lead failure?. <i>Acta Cardiologica</i> , 2015, 70, 581-586.	0.3	8
23	Compression coil provides increased lead control in extraction procedures. <i>Europace</i> , 2015, 17, 499-503.	0.7	8
24	Does body mass index impact the early outcome of surgical revascularization? A comparison between off-pump and on-pump coronary artery bypass grafting. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 749-755.	0.5	7
25	Epicardial left ventricular leads via minimally invasive technique: a role of steroid eluting leads. <i>Journal of Cardiothoracic Surgery</i> , 2017, 12, 95.	0.4	6
26	Randomized Trial of 2 Endoscopic Radial Artery Harvesting Devicesâ€™ Immunofluorescence Assessment. <i>Annals of Thoracic Surgery</i> , 2020, 110, 897-902.	0.7	6
27	Early outcomes of patients with Marfan syndrome and acute aortic type A dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	6
28	Longer-term outcomes after bicuspid aortic valve repair in 142 patients. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4645-4651.	0.3	6
29	Reduction of drainage-associated complications in cardiac surgery with a digital drainage system: a randomized controlled trial. <i>Journal of Thoracic Disease</i> , 2019, 11, 5177-5186.	0.6	5
30	Treatment of the aortic root in acute aortic dissection type A: insights from the German Registry for Acute Aortic Dissection Type A. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	5
31	Repair of Thoracic Aortic Aneurysm Due to Noninfectious Aortitis. <i>Journal of Cardiac Surgery</i> , 2012, 27, 199-204.	0.3	4
32	Right lateral mini-thoracotomy for mitral valve surgery. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2015, 2015, mmv031.	0.5	4
33	Extracellular matrix for reconstruction of cardiac structures after tumour resections. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 10-14.	0.5	4
34	Percutaneous treatment of severe transvalvular and paravalvular regurgitation in a failing surgical aortic valve prosthesis due to recurrent endocarditis. <i>European Heart Journal</i> , 2016, 37, 3419-3419.	1.0	4
35	Early- and longer-term outcomes of David versus Florida sleeve procedure: propensity-matched comparison. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	4
36	Could Pentraxin 3 Be a New Diagnostic Marker for Excessive Inflammatory Response in Cardiac Surgery?. <i>Thoracic and Cardiovascular Surgeon</i> , 2014, 62, 670-676.	0.4	3

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37	Frozen Elephant Trunk: Minimally Invasive Implantation of a New Trifurcated Hybrid Aortic Prosthesis. <i>Annals of Thoracic Surgery</i> , 2021, 112, e321-e323.	0.7	3
38	Excessive unbound cefazolin concentrations in critically ill patients receiving veno-arterial extracorporeal membrane oxygenation (vaECMO): an observational study. <i>Scientific Reports</i> , 2021, 11, 16981.	1.6	3
39	Does implantation technique influence lead failure?. <i>Acta Cardiologica</i> , 2015, 70, 581-6.	0.3	3
40	Aortic valve repair in patients with aortic regurgitation: Experience with the first 100 cases. <i>Cor Et Vasa</i> , 2013, 55, e479-e486.	0.1	2
41	Pentraxin 3 and other inflammatory biomarkers related to atrial fibrillation in cardiac surgery. <i>Perfusion (United Kingdom)</i> , 2017, 32, 269-278.	0.5	2
42	Left anterior small thoracotomy for minimally invasive coronary artery bypass grafting. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2015, 2015, .	0.5	2
43	Mitral Valve Surgery via Upper Ministernotomy: Single-Centre Experience in More than 400 Patients. <i>Medicina (Lithuania)</i> , 2021, 57, 1179.	0.8	2
44	Minimally Invasive Treatment of Kommerell's Diverticulum and Left Aberrant Subclavian Artery. <i>Annals of Thoracic Surgery</i> , 2022, 114, e313-e315.	0.7	2
45	Left Coronary Artery Compression Caused by a False Aneurysm Expansion after Perforation of Type A Aortic Dissection. <i>Journal of Cardiac Surgery</i> , 2010, 25, 72-73.	0.3	1
46	Spontaneous Intramural Hematoma of the Left Ventricle. <i>Circulation</i> , 2016, 133, 543-545.	1.6	1
47	Successful transplantation of a donor heart with multiple traumatic defects. <i>European Heart Journal</i> , 2016, 37, 120-120.	1.0	1
48	Cardiac resynchronization therapy with wireless left ventricular endocardial pacing: is this the direction to go?. <i>Cardiovascular Diagnosis and Therapy</i> , 2018, 8, 534-537.	0.7	1
49	Percutaneous Pulmonary Valve Implantation Based on Minimally Invasive Direct Coronary Bypass Surgery. <i>Annals of Thoracic Surgery</i> , 2020, 110, e323-e325.	0.7	1
50	Increasing atmospheric temperature implicates increasing risk for acute type A dissection in hypertensive patients. <i>Journal of Thoracic Disease</i> , 2021, 13, 5799-5806.	0.6	1
51	“ELEPHANT TRUNK” AND ENDOVASCULAR STENTGRAFTING – A HYBRID APPROACH TO THE TREATMENT OF EXTENSIVE THORACIC AORTIC ANEURYSM. <i>Acta Medica (Hradec Kralove)</i> , 2013, 56, 80-82.	0.2	1
52	Upper ministernotomy. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2015, 2015, mmv036.	0.5	1
53	Percutaneous dual-outflow extracorporeal membrane oxygenation support in secondary right ventricular failure. <i>JTCVS Techniques</i> , 2022, 13, 125-127.	0.2	1
54	Long-Term Outcomes after Aortic Valve and Root Replacement in a Very High-Risk Population. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 197.	0.8	1

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55	What Exactly Is Minimally Invasive?. <i>Annals of Thoracic Surgery</i> , 2023, 115, 1325.	0.7	1
56	Giant Right Coronary Artery Draining into the Coronary Sinus. <i>Journal of Cardiac Surgery</i> , 2013, 28, 150-150.	0.3	0
57	A stabbed aorta!. <i>European Heart Journal</i> , 2014, 35, 2223-2223.	1.0	0
58	Reply to Sadeque et al.. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 397-398.	0.6	0
59	Emergency off-pump CABG in a patient with Takotsubo cardiomyopathy and coronary artery disease. <i>Journal of Cardiac Surgery</i> , 2017, 32, 702-703.	0.3	0
60	Reply. <i>Annals of Thoracic Surgery</i> , 2018, 105, 983-984.	0.7	0
61	Congenital Anomalies of the Aortic Valve. , 2018, , 43-66.		0
62	A giant thromboembolus captive in a patent foramen ovale. <i>Acta Cardiologica</i> , 2009, 64, 803-804.	0.3	0
63	Transapikalni implantace aortni chlopni pÅ™i Å™ejenÅ™e degenerativnÅ™e aortni stenÅ™ezy. <i>Cor Et Vasa</i> , 2010, 52, 325-331.	0.1	0
64	Opening Pandora's Box - Presumed ST Segment Elevation Myocardial Infarction with Symptomatic Ventricular Tachycardia is Cured by Resection of a Huge Left Ventricular Aneurysm. <i>Heart Surgery Forum</i> , 2019, 22, E170-E171.	0.2	0
65	Abstract 10165: The Correlation of Age and Extension Length in DeBakey Type I Aortic Dissection: Are Septuagenarians at a Lower Risk?. <i>Circulation</i> , 2021, 144, .	1.6	0
66	Partial upper sternotomy for aortic valve replacement provides similar mid-term outcomes as the full sternotomy. <i>Journal of Thoracic Disease</i> , 2022, 14, 857-865.	0.6	0
67	Aortic valve reimplantation in patients with Marfan and other connective tissue syndromes: a success story for these patients!. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, , .	0.6	0
68	Reply to Jasinski M et al.: â€œIndeed, there is still room for improvement in long-term durability of BAV repairâ€. <i>Journal of Cardiac Surgery</i> , 0, , .	0.3	0