

# Mariusz Kusmierczyk

## List of Publications by Citations

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80  
papers

828  
citations

15  
h-index

26  
g-index

85  
ext. papers

1,042  
ext. citations

2.7  
avg, IF

3.98  
L-index

#	Paper	IF	Citations
80	Myostatin and IGF-I signaling in end-stage human heart failure: a qRT-PCR study. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 1	8.5	115
79	Transapical Beating-Heart Mitral Valve Repair With an Expanded Polytetrafluoroethylene Cordal Implantation Device: Initial Clinical Experience. <i>Circulation</i> , <b>2016</b> , 134, 189-97	16.7	65
78	Subacute cardiac perforations associated with active fixation leads. <i>Europace</i> , <b>2009</b> , 11, 206-12	3.9	65
77	Titin Truncating Variants in Dilated Cardiomyopathy - Prevalence and Genotype-Phenotype Correlations. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169007	3.7	46
76	Ablation of severe drug-resistant tachyarrhythmia during pregnancy. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2010</b> , 21, 877-82	2.7	46
75	Analysis of necroptotic proteins in failing human hearts. <i>Journal of Translational Medicine</i> , <b>2017</b> , 15, 86	8.5	37
74	The value of cardiac magnetic resonance and distribution of late gadolinium enhancement for risk stratification of sudden cardiac death in patients with hypertrophic cardiomyopathy. <i>Journal of Cardiology</i> , <b>2016</b> , 68, 49-56	3	31
73	Percutaneous Edwards SAPIEN III valve implantation for significant pulmonary regurgitation after previous surgical repair with a right ventricular outflow patch. <i>Catheterization and Cardiovascular Interventions</i> , <b>2014</b> , 83, 474-81	2.7	31
72	The usefulness of cardiac CT in the diagnosis of perivalvular complications in patients with infective endocarditis. <i>European Radiology</i> , <b>2019</b> , 29, 4368-4376	8	25
71	Red cell distribution width is a prognostic marker of perioperative stroke in patients undergoing cardiac valve surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2017</b> , 25, 925-929	1.8	22
70	Computed tomography angiography for prediction of atrial fibrillation after coronary artery bypass grafting: proof of concept. <i>Journal of Cardiology</i> , <b>2015</b> , 65, 285-92	3	19
69	Alternative Splicing of NOX4 in the Failing Human Heart. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 935	4.6	18
68	Primary safety and effectiveness feasibility study after surgical aortic valve replacement with a new generation bioprosthesis: one-year outcomes. <i>Kardiologia Polska</i> , <b>2018</b> , 76, 618-624	0.9	17
67	Low interleukin-8 level predicts the occurrence of the postpericardiotomy syndrome. <i>PLoS ONE</i> , <b>2014</b> , 9, e108822	3.7	16
66	Raised red cell distribution width as a prognostic marker in aortic valve replacement surgery. <i>Kardiologia Polska</i> , <b>2016</b> , 74, 547-52	0.9	16
65	Red cell distribution width as a predictor of multiple organ dysfunction syndrome in patients undergoing heart valve surgery. <i>Biology Open</i> , <b>2018</b> , 7,	2.2	15
64	Transcatheter pulmonary valve implantation in patients with right ventricular outflow tract dysfunction: early and mid-term results. <i>Journal of Invasive Cardiology</i> , <b>2015</b> , 27, E82-9	0.7	15

63	Performance of the EuroSCORE II and the Society of Thoracic Surgeons score in patients undergoing aortic valve replacement for aortic stenosis. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, 2076-2081 <sup>2.6</sup>	14
62	Intermediate-term outcomes after aortic valve replacement with a novel RESILIA tissue bioprosthesis. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, 3039-3046	2.6 13
61	Regional left ventricular myocardial shortening in normotensive patients late after aortic coarctation repair - normal or impaired?. <i>Ultrasound in Medicine and Biology</i> , <b>2009</b> , 35, 1947-52	3.5 13
60	Changing trends in aortic valve procedures over the past ten years-from mechanical prosthesis via stented bioprosthesis to TAVI procedures-analysis of 50,846 aortic valve cases based on a Polish National Cardiac Surgery Database. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, 2340-2349	2.6 12
59	The risk of non-sustained ventricular tachycardia after percutaneous alcohol septal ablation in patients with hypertrophic obstructive cardiomyopathy. <i>Clinical Research in Cardiology</i> , <b>2010</b> , 99, 285-92 <sup>6.1</sup>	12
58	The Usefulness of Magnetic Resonance Imaging in the Diagnosis of Infectious Endocarditis. <i>Journal of Heart Valve Disease</i> , <b>2015</b> , 24, 767-775	12
57	The impact of pulmonary regurgitation on right ventricular regional myocardial function: an echocardiographic study in adults after total repair of tetralogy of Fallot. <i>Journal of the American Society of Echocardiography</i> , <b>2011</b> , 24, 1199-204	5.8 11
56	Functional anatomy of tricuspid regurgitation in patients with systemic right ventricles. <i>Journal of the American Society of Echocardiography</i> , <b>2010</b> , 23, 504-10	5.8 11
55	Final 5-year outcomes following aortic valve replacement with a RESILIA tissue bioprosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2021</b> , 59, 434-441	3 9
54	The usefulness of selected biomarkers in patients with valve disease. <i>Biomarkers in Medicine</i> , <b>2018</b> , 12, 1341-1346	2.3 9
53	Repair of coarctation of the aorta with simultaneous coronary artery bypass grafting without cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , <b>1999</b> , 15, 536-8	3 8
52	Usefulness of FRAIL Scale in Heart Valve Diseases. <i>Clinical Interventions in Aging</i> , <b>2020</b> , 15, 1071-1075	4 8
51	Does myocardial iron load determine the severity of heart insufficiency?. <i>International Journal of Cardiology</i> , <b>2015</b> , 182, 191-3	3.2 7
50	High-sensitivity troponin T as a prognostic marker in patients undergoing aortic valve replacement. <i>Polish Archives of Internal Medicine</i> , <b>2017</b> , 127, 628-630	1.9 7
49	The usefulness of selected biomarkers in aortic regurgitation. <i>Cardiology Journal</i> , <b>2019</b> , 26, 477-482	1.4 7
48	High-Sensitivity Troponin T Predicts Postoperative Cardiogenic Shock Requiring Mechanical Circulatory Support in Patients With Valve Disease. <i>Shock</i> , <b>2020</b> , 53, 175-178	3.4 7
47	Red Cell Distribution Width as a Prognostic Marker in Patients Undergoing Valve Surgery. <i>Journal of Heart Valve Disease</i> , <b>2017</b> , 26, 714-720	6
46	Transcatheter aortic valve implantation. Expert Consensus of the Association of Cardiovascular Interventions of the Polish Cardiac Society and the Polish Society of Cardio-Thoracic Surgeons, approved by the Board of the Polish Cardiac Society. <i>Kardiologia Polska</i> , <b>2017</b> , 75, 937-964	0.9 5

45	Number of erythrocytes as a prognostic marker in patients undergoing heart valve surgery. <i>Kardiologia Polska</i> , <b>2018</b> , 76, 791-793	0.9	5
44	N-terminal of the prohormone brain natriuretic peptide is a predictor of hemodynamic instability in valve disease. <i>Biomarkers in Medicine</i> , <b>2019</b> , 13, 353-358	2.3	4
43	Outcome Prediction After Coronary Surgery and Redo Surgery for Bleeding (From the KROK Registry). <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2019</b> , 33, 2930-2937	2.1	4
42	Anisocytosis predicts postoperative renal replacement therapy in patients undergoing heart valve surgery. <i>Cardiology Journal</i> , <b>2020</b> , 27, 362-367	1.4	4
41	Asymptomatic dissection of a giant aorta ascendens aneurysm in Turner syndrome. <i>European Heart Journal</i> , <b>2018</b> , 39, 1207	9.5	3
40	Results and factors associated with adverse outcome after tricuspid valve replacement. <i>Kardiologia Polska</i> , <b>2018</b> , 76, 731-739	0.9	3
39	Activity-based protein profiling of the human failing ischemic heart reveals alterations in hydrolase activities involving the endocannabinoid system. <i>Pharmacological Research</i> , <b>2020</b> , 151, 104578	10.2	3
38	Extended myectomy in the treatment of patients with hypertrophic obstructive cardiomyopathy. <i>Kardiologia i Torakochirurgia Polska</i> , <b>2016</b> , 13, 300-304	0.3	3
37	microRNA expression profile in Smooth Muscle Cells isolated from thoracic aortic aneurysm samples. <i>Advances in Medical Sciences</i> , <b>2019</b> , 64, 331-337	2.8	2
36	Newly diagnosed aortic arch interruption in an adult presenting with heart failure. <i>European Heart Journal</i> , <b>2014</b> , 35, 743	9.5	2
35	Giant pericardial lipoma compressing the right atrium. <i>Journal of Cardiac Surgery</i> , <b>2012</b> , 27, 722-3	1.3	2
34	Delayed diagnosis of pericardial hematoma compressing the right ventricle after blunt chest trauma. <i>Journal of Cardiac Surgery</i> , <b>2013</b> , 28, 701	1.3	2
33	Parachute mitral valve in a young adult with recurrent pulmonary oedema. <i>Acta Cardiologica</i> , <b>2011</b> , 66, 401-3	0.9	2
32	Bioprosthetic or mechanical heart valves: prosthesis choice for borderline patients?-Results from 9,616 cases recorded in Polish national cardiac surgery registry. <i>Journal of Thoracic Disease</i> , <b>2020</b> , 12, 5869-5878	2.6	2
31	Lead extraction: The road to successful cardiac resynchronization therapy. <i>Cardiology Journal</i> , <b>2015</b> , 22, 188-93	1.4	2
30	The usefulness of perioperative lactate blood levels in patients undergoing heart valve surgery. <i>Kardiologia i Torakochirurgia Polska</i> , <b>2019</b> , 16, 114-117	0.3	2
29	Anterior mitral leaflet length and mitral annulus diameter impact the echocardiographic outcome after isolated myectomy. <i>Journal of Cardiothoracic Surgery</i> , <b>2019</b> , 14, 212	1.6	2
28	Case report on successful 'bail out' aortic homograft implantation in a 81-year old woman with aortic ring rupture after double TAVI procedure. <i>Journal of Cardiothoracic Surgery</i> , <b>2015</b> , 10, 28	1.6	1

27	Transseptal balloon atrial septostomy for decompression of the left atrium during extracorporeal membrane oxygenation support as a "bridge to transplantation" in dilated cardiomyopathy. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2017</b> , 13, 72-74	0.4	1
26	Compressed valve in a calcified right ventricular outflow tract. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2013</b> , 9, 294-5	0.4	1
25	Regaining venous access for implantation of a new lead. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2013</b> , 9, 16-21	0.4	1
24	Postoperative high-sensitivity troponin T as a predictor of sudden cardiac arrest in patients undergoing cardiac surgery. <i>Cardiology Journal</i> , <b>2019</b> , 26, 777-781	1.4	1
23	Right ventricular systolic pressure as a predictive factor for postoperative pneumonia in patients with valvular heart disease. <i>Kardiologia Polska</i> , <b>2019</b> , 77, 969-971	0.9	1
22	Is there any role for computed tomography imaging in anticipating the functional status in adults late after total cavopulmonary connection? A retrospective evaluation. <i>Kardiologia Polska</i> , <b>2019</b> , 77, 1062-1069	0.9	1
21	Heart failure in Poland: Left ventricular assist device destination therapy and other challenges of interventional cardiology and cardiac surgery. <i>Cardiology Journal</i> , <b>2020</b> , 27, 693-704	1.4	1
20	Recommendations on the use of innovative medical technologies in cardiology and cardiac surgery and solutions leading to increased availability for Polish patients. <i>Cardiology Journal</i> , <b>2019</b> , 26, 114-129	1.4	1
19	Response by Gammie et al to Letter Regarding Article, "Transapical Beating-Heart Mitral Valve Repair With an Expanded Polytetrafluoroethylene Cordal Implantation Device: Initial Clinical Experience". <i>Circulation</i> , <b>2017</b> , 135, e18-e19	16.7	0
18	Surgical implantation of a mechanical valve prosthesis due to aortic stenosis in a patient after liver transplantation: case report. <i>Annals of Transplantation</i> , <b>2013</b> , 18, 505-7	1.4	0
17	Aortopulmonary fistula secondary to giant ascending aortic aneurysm recognized by computed tomography. <i>Cardiology Journal</i> , <b>2019</b> , 26, 97-98	1.4	0
16	Tick-borne pathogens <i>Bartonella</i> spp., <i>Borrelia burgdorferi</i> sensu lato, <i>Coxiella burnetii</i> and <i>Rickettsia</i> spp. may trigger endocarditis. <i>Advances in Clinical and Experimental Medicine</i> , <b>2019</b> , 28, 937-943 <sup>1,8</sup>	1.8	0
15	Transcatheter pulmonary valve implantation in 100 patients: a 10-year single-center experience. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2020</b> , 16, 235-243	0.4	0
14	The role of cardiac computed tomography in the diagnosis of prosthetic valve endocarditis - A comparison with transthoracic and transesophageal echocardiography and intra-operative findings. <i>European Journal of Radiology</i> , <b>2021</b> , 138, 109637	4.7	0
13	Natriuretic peptides and their receptors in failing heart - Functional changes and implications for treatment. <i>International Journal of Cardiology</i> , <b>2018</b> , 265, 135-140	3.2	
12	Double diagnosis of coronary artery disease and left ventricular non-compaction [Case study]. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2012</b> , 4, 329-334	0.4	
11	Bicuspid aortic valve and ascending aortic aneurysm [genetic background of the disease]. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2012</b> , 2, 114-125	0.4	
10	Is the porcelain homograft a contraindication for transcatheter pulmonary valve implantation? A. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2011</b> , 4, 323-326	0.4	

9	Usefulness of the Evolution mechanical dilator sheath for endocardial lead extraction – preliminary results. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2010</b> , 2, 59-65	0.4
8	Anterior leaflet on the leash: unusual cause of congenital severe mitral regurgitation. <i>European Journal of Echocardiography</i> , <b>2009</b> , 10, 567-8	
7	Aortic root remodelling with aortic annuloplasty and aortic arch replacement one year after surgical treatment of acute aortic dissection. <i>Kardiologia Polska</i> , <b>2017</b> , 75, 1213	0.9
6	Successful pulmonary homograft re-implantation after previous surgical and percutaneous interventions. <i>Kardiologia Polska</i> , <b>2018</b> , 76, 471	0.9
5	First implantation of a HeartMate 3 left ventricular assist device in Poland. <i>Kardiologia Polska</i> , <b>2016</b> , 74, 1028	0.9
4	High-sensitivity C-reactive protein as a prognostic marker in patients undergoing valve surgery. <i>Kardiochirurgia I Torakochirurgia Polska</i> , <b>2020</b> , 17, 15-19	0.3
3	The usefulness of N-terminal prohormone brain natriuretic peptide in patients undergoing aortic valve replacement. <i>Kardiochirurgia I Torakochirurgia Polska</i> , <b>2019</b> , 16, 155-159	0.3
2	Additive value of a novel 384-row CT insight into the actual pathomechanism of a constrictive pericarditis and its effective surgical treatment guided by the pre-procedural detailed imaging. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2020</b> , 14, e97-e98	2.8
1	An Individualized Approach of Multidisciplinary Heart Team for Myocardial Revascularization and Valvular Heart Disease – State of Art. <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12, 705	3.6