

# Jacek Legutko

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

7,811  
citations

758635

12  
h-index

53109

85  
g-index

101  
all docs

101  
docs citations

101  
times ranked

10483  
citing authors

#	ARTICLE	IF	CITATIONS
1	2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. <i>European Heart Journal</i> , 2018, 39, 119-177.	1.0	7,100
2	Subclinical Leaflet Thrombosis After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2643-2656.	1.1	62
3	Mapping interventional cardiology in Europe: the European Association of Percutaneous Cardiovascular Interventions (EAPCI) Atlas Project. <i>European Heart Journal</i> , 2020, 41, 2579-2588.	1.0	44
4	Reperfusion therapies and in-hospital outcomes for ST-elevation myocardial infarction in Europe: the ACVC-EAPCI EORP STEMI Registry of the European Society of Cardiology. <i>European Heart Journal</i> , 2021, 42, 4536-4549.	1.0	37
5	Expression of miR-1-3p, miR-16-5p and miR-122-5p as Possible Risk Factors of Secondary Cardiovascular Events. <i>Biomedicines</i> , 2021, 9, 1055.	1.4	25
6	Impact of COVID-19 pandemic on acute heart failure admissions and mortality: a multicentre study (COVACHF&SIRIO 6 study). <i>ESC Heart Failure</i> , 2022, 9, 721-728.	1.4	20
7	Virtual Histology-Intravascular Ultrasound Assessment of Lesion Coverage After Angiographically-Guided Stent Implantation in Patients With ST Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2012, 109, 1405-1410.	0.7	18
8	A 12-month angiographic and optical coherence tomography follow-up after bioresorbable vascular scaffold implantation in patients with ST-segment elevation myocardial infarction. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, E180-9.	0.7	17
9	Severe, recurrent in-stent carotid restenosis: endovascular approach, risk factors. Results from a prospective academic registry of 2637 consecutive carotid artery stenting procedures (TARGET-CAS). <i>Postępy W Kardiologii Interwencyjnej</i> , 2019, 15, 465-471.	0.1	17
10	Impaired Fibrinolysis in Patients with Isolated Aortic Stenosis is Associated with Enhanced Oxidative Stress. <i>Journal of Clinical Medicine</i> , 2020, 9, 2002.	1.0	15
11	Decline in the number of coronary angiography and percutaneous coronary intervention procedures in patients with acute myocardial infarction in Poland during the coronavirus disease 2019 pandemic. <i>Kardiologia Polska</i> , 2020, 78, 574-576.	0.3	15
12	Poland: coronary and structural heart interventions from 2010 to 2015. <i>EuroIntervention</i> , 2017, 13, Z51-Z54.	1.4	13
13	Predictive Utility of NT-pro BNP for Infarct Size and Left Ventricle Function after Acute Myocardial Infarction in Long-Term Follow-Up. <i>Disease Markers</i> , 2013, 34, 199-204.	0.6	12
14	Percutaneous interventions in cardiology in Poland in the year 2014. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society AISN PTK. <i>Postępy W Kardiologii Interwencyjnej</i> , 2015, 3, 177-181.	0.1	11
15	Comparative assessment of three drug eluting stents with different platforms but with the same biodegradable polymer and the drug based on quantitative coronary angiography and optical coherence tomography at 12-month follow-up. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 353-365.	0.7	11
16	Borderline coronary lesion assessment with quantitative flow ratio and its relation to the instantaneous wave-free ratio. <i>Advances in Medical Sciences</i> , 2021, 66, 1-5.	0.9	11
17	Inpatient Cardiac Rehabilitation after Transcatheter Aortic Valve Replacement Is Associated with Improved Clinical Performance and Quality of Life. <i>Journal of Clinical Medicine</i> , 2021, 10, 2125.	1.0	11
18	Radiofrequency-Intravascular Ultrasound Assessment of Lesion Coverage After Angiography-Guided Emergent Percutaneous Coronary Intervention in Patients With Non-ST Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2013, 112, 1854-1859.	0.7	10

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19	Prevalence and clinical presentation of myocardial bridge on the basis of the National Polish Percutaneous Interventions Registry and the Classification of Rare Cardiovascular Diseases. <i>Kardiologia Polska</i> , 2019, 77, 465-470.	0.3	10
20	Active factor XI is associated with the risk of cardiovascular events in stable coronary artery disease patients. <i>Atherosclerosis</i> , 2022, 346, 124-132.	0.4	10
21	The ESC ACCA EAPCI EORP acute coronary syndrome ST-elevation myocardial infarction registry. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2020, 6, 100-104.	1.8	9
22	IVUS in bifurcation stenting: what have we learned?. <i>EuroIntervention</i> , 2015, 11, V59-V63.	1.4	9
23	Adenosine intracoronary bolus dose escalation versus intravenous infusion to induce maximum coronary hyperemia for fractional flow reserve assessment. <i>Kardiologia Polska</i> , 2019, 77, 610-617.	0.3	9
24	Balloon Aortic Valvuloplasty for Severe Aortic Stenosis as Rescue or Bridge Therapy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4657.	1.0	9
25	The Polish Interventional Cardiology TAVI Survey (PICTS): adoption and practice of transcatheter aortic valve implantation in Poland. <i>Postepy W Kardiologii Interwencyjnej</i> , 2017, 1, 10-17.	0.1	8
26	Percutaneous interventions in cardiology in Poland in the year 2017. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society AISN PTK and Jagiellonian University Medical College. <i>Postepy W Kardiologii Interwencyjnej</i> , 2018, 14, 422-424.	0.1	8
27	Importance of Increased Arterial Resistance in Risk Prediction in Patients with Cardiovascular Risk Factors and Degenerative Aortic Stenosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2109.	1.0	8
28	OCT Findings in MINOCA. <i>Journal of Clinical Medicine</i> , 2021, 10, 2759.	1.0	8
29	Profilin 1 and Mitochondria – Partners in the Pathogenesis of Coronary Artery Disease?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1100.	1.8	8
30	Management and predictors of clinical events in patients with acute myocardial infarction. <i>Kardiologia Polska</i> , 2022, 80, 468-475.	0.3	8
31	Bailout rotational atherectomy in patients with myocardial infarction is not associated with an increased periprocedural complication rate or poorer angiographic outcomes in comparison to elective procedures (from the ORPKI Polish National Registry 2015–2016). <i>Postepy W Kardiologii Interwencyjnej</i> , 2018, 14, 135-143.	0.1	7
32	Aspiration Thrombectomy in Patients with Acute Myocardial Infarction – 5-Year Analysis Based on a Large National Registry (ORPKI). <i>Journal of Clinical Medicine</i> , 2020, 9, 3610.	1.0	7
33	Direct left ventricular wire pacing during transcatheter aortic valve implantation. <i>Kardiologia Polska</i> , 2020, 78, 882-888.	0.3	7
34	Is quantitative flow ratio enough to accurately assess intermediate coronary stenosis? A comparison study with fractional flow reserve. <i>Cardiology Journal</i> , 2020, 26, 793-795.	0.5	7
35	Prolonged antithrombotic therapy in patients after acute coronary syndrome: A critical appraisal of current European Society of Cardiology guidelines. <i>Cardiology Journal</i> , 2020, 27, 661-676.	0.5	7
36	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> , 2017, 75, 937-964.	0.3	7

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37	Repetitive use of LEvosimendan in Ambulatory Heart Failure patients (LEIA-HF) - The rationale and study design. <i>Advances in Medical Sciences</i> , 2022, 67, 18-22.	0.9	7
38	A clinical evaluation of the ProNOVA XR polymer-free sirolimus eluting coronary stent system in the treatment of patients with de novo coronary artery lesions (EURONOVA XR I study). <i>Indian Heart Journal</i> , 2013, 65, 388-394.	0.2	6
39	Current trends and procedural outcomes in the era of rotational atherectomy expansion in Poland in the period 2014–2017 (based on the nationwide ORPKI registry). <i>Postępy W Kardiologii Interwencyjnej</i> , 2019, 15, 158-166.	0.1	6
40	Characteristics of patients from the Polish Registry of Acute Coronary Syndromes during the COVID-19 pandemic: the first report. <i>Kardiologia Polska</i> , 2021, 79, 192-195.	0.3	6
41	Innovative Managed Care May Be Related to Improved Prognosis for Acute Myocardial Infarction Survivors. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007800.	0.9	6
42	One-Year Outcome of Glycoprotein IIb/IIIa Inhibitor Therapy in Patients with Myocardial Infarction-Related Cardiogenic Shock. <i>Journal of Clinical Medicine</i> , 2021, 10, 5059.	1.0	6
43	Sex-related differences and rotational atherectomy: Analysis of 5 177 percutaneous coronary interventions based on a large national registry from 2014 to 2020. <i>Kardiologia Polska</i> , 2021, 79, 1320-1327.	0.3	6
44	MicroRNA-134-5p and the Extent of Arterial Occlusive Disease Are Associated with Risk of Future Adverse Cardiac and Cerebral Events in Diabetic Patients Undergoing Carotid Artery Stenting for Symptomatic Carotid Artery Disease. <i>Molecules</i> , 2022, 27, 2472.	1.7	6
45	Clinical use of intracoronary imaging modalities in Poland. Expert opinion of the Association of Cardiovascular Interventions of the Polish Cardiac Society. <i>Kardiologia Polska</i> , 2022, 80, 509-519.	0.3	6
46	An optical coherence tomography study of neointimal morphology and strut coverage at different time intervals from implantation of biodegradable polymer-coated sirolimus-eluting stents. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 302-309.	0.7	5
47	Assessment of quality of care of patients with ST-segment elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 893-901.	0.4	5
48	Successful shockwave intravascular lithotripsy for a severely calcified and undilatable left anterior descending coronary artery lesion in a patient with recurrent myocardial infarction. <i>Kardiologia Polska</i> , 2019, 77, 723-725.	0.3	5
49	Comprehensive Heart Failure Care pilot study: starting point and expected developments. <i>Kardiologia Polska</i> , 2019, 77, 994-999.	0.3	5
50	Bivalirudin use in acute coronary syndrome patients undergoing percutaneous coronary interventions in Poland: Clinical update from expert group of the Association on Cardiovascular Interventions of the Polish Cardiac Society. <i>Cardiology Journal</i> , 2019, 26, 1-7.	0.5	5
51	Non-vitamin K antagonist oral anticoagulants in the treatment of coronary and peripheral atherosclerosis. <i>Kardiologia Polska</i> , 2019, 77, 490-504.	0.3	5
52	Apolipoproteins and lipoprotein(a) as factors modulating fibrin clot properties in patients with severe aortic stenosis. <i>Atherosclerosis</i> , 2022, 344, 49-56.	0.4	5
53	Echo-guided left ventricular assist device speed optimisation for exercise maximisation. <i>Heart</i> , 2022, 108, 1055-1062.	1.2	5
54	The Maintained Glycemic Target Goal and Renal Function Are Associated with Cardiovascular and Renal Outcomes in Diabetic Patients Following Stent-Supported Angioplasty for Renovascular Atherosclerotic Disease. <i>Journal of Personalized Medicine</i> , 2022, 12, 537.	1.1	5

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55	Knowledge of chronic total occlusion among Polish interventional cardiologists. <i>Postepy W Kardiologii Interwencyjnej</i> , 2015, 2, 89-94.	0.1	4
56	Ticagrelor effectively inhibits platelet aggregation in comatose survivors of cardiac arrest undergoing primary percutaneous coronary intervention treated with mild therapeutic hypothermia. <i>Cardiology Journal</i> , 2021, , .	0.5	4
57	Hyperemic versus non-hyperemic indexes for coronary physiology assessment in patients with severe aortic stenosis. <i>Advances in Medical Sciences</i> , 2021, 66, 366-371.	0.9	4
58	Predictors and trends of contrast use and radiation exposure in a large cohort of patients treated with percutaneous coronary interventions: Chronic total occlusion analysis based on a national registry. <i>Cardiology Journal</i> , 2021, , .	0.5	4
59	Presence and characteristics of coronary artery fistulas among patients undergoing coronary angiography. <i>Kardiologia Polska</i> , 2019, 77, 1034-1039.	0.3	4
60	Annual operator volume among patients treated using percutaneous coronary interventions with rotational atherectomy and procedural outcomes: Analysis based on a large national registry. <i>Catheterization and Cardiovascular Interventions</i> , 2022, , .	0.7	4
61	The role of thrombectomy and embolic protection devices. <i>Country Review Ukraine</i> , 2005, 7, 115-120.	0.8	3
62	Comparison of drug-eluting and bare metal stents for extracranial vertebral artery stenting. <i>Postepy W Kardiologii Interwencyjnej</i> , 2019, 15, 328-337.	0.1	3
63	Comparison of hyperemic efficacy between femoral and antecubital fossa vein adenosine infusion for fractional flow reserve assessment. <i>Postepy W Kardiologii Interwencyjnej</i> , 2019, 15, 52-58.	0.1	3
64	Optical coherence tomography versus intravascular ultrasound for culprit lesion assessment in patients with acute myocardial infarction. <i>Postepy W Kardiologii Interwencyjnej</i> , 2020, 16, 145-152.	0.1	3
65	Multivessel Intervention in Myocardial Infarction with Cardiogenic Shock: CULPRIT-SHOCK Trial Outcomes in the PL-ACS Registry. <i>Journal of Clinical Medicine</i> , 2021, 10, 1832.	1.0	3
66	Quantitative flow ratio for evaluation of borderline coronary lesions in patients with severe aortic stenosis. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2022, 75, 472-478.	0.4	3
67	Computed tomography guided tailored approach to transfemoral access in patients undergoing transcatheter aortic valve implantation. <i>Cardiology Journal</i> , 2023, 30, 51-58.	0.5	3
68	A new approach to ticagrelor-based de-escalation of antiplatelet therapy after acute coronary syndrome. A rationale for a randomized, double-blind, placebo-controlled, investigator-initiated, multicenter clinical study. <i>Cardiology Journal</i> , 2021, 28, 607-614.	0.5	3
69	Age and gender differences in clinical outcomes of patients with heavy-calcified coronary artery lesions treated percutaneously with rotational atherectomy. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 225-233.	0.6	3
70	Five-year report from the Polish national registry on percutaneous coronary interventions with a focus on coronary artery perforations within chronic total occlusions. <i>Postepy W Kardiologii Interwencyjnej</i> , 2020, 16, 399-409.	0.1	3
71	Frequency and predictors of diagnostic coronary angiography and percutaneous coronary intervention related to stroke. <i>Kardiologia Polska</i> , 2021, 79, 1099-1106.	0.3	3
72	Association of Increased Vascular Stiffness with Cardiovascular Death and Heart Failure Episodes Following Intervention on Symptomatic Degenerative Aortic Stenosis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2078.	1.0	3

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73	Pre-hospital treatment of patients with acute coronary syndrome: Recommendations for medical emergency teams. Expert position update 2022. <i>Cardiology Journal</i> , 2022, 29, 540-552.	0.5	3
74	Balloon positioning difficulties during nonsurgical septal reduction therapy in a patient with hypertrophic obstructive cardiomyopathy. <i>Catheterization and Cardiovascular Interventions</i> , 2000, 49, 314-317.	0.7	2
75	Rationale and design of the randomized, multicenter, open-label, controlled POLBOS 3 trial aimed to compare regular drug-eluting stents versus the dedicated coronary bifurcation sirolimus-eluting BiOSS LIM C stent. <i>Medicine (United States)</i> , 2019, 98, e15106.	0.4	2
76	Synergistic application of high-speed rotational atherectomy and intravascular lithotripsy for a severely calcified undilatable proximal left anterior descending coronary artery bifurcation lesion: Case of rotolithoplasty-facilitated DK-CRUSH. <i>Cardiology Journal</i> , 2021, 28, 181-182.	0.5	2
77	Hybrid coronary revascularization in multivessel coronary artery disease: who can benefit most? A pilot study. <i>Kardiologia Polska</i> , 2021, 79, 449-451.	0.3	2
78	ST-segment elevation myocardial infarction with non-obstructive coronary arteries: Score derivation for prediction based on a large national registry. <i>PLoS ONE</i> , 2021, 16, e0254427.	1.1	2
79	Safety and Efficacy of Four Different Diagnostic Catheter Curves Dedicated to One-Catheter Technique of Transradial Coronary-Angiography – Prospective, Randomized Pilot Study. TRACT 1: Trans Radial Coronary Angiography Trial 1. <i>Journal of Clinical Medicine</i> , 2021, 10, 4722.	1.0	2
80	Heart failure in Poland: Left ventricular assist device destination therapy and other challenges of interventional cardiology and cardiac surgery. <i>Cardiology Journal</i> , 2020, 27, 693-704.	0.5	2
81	Intravascular lithotripsy with peripheral Shockwave catheter – a breakthrough in calcified carotid artery stenosis treatment. <i>Postępy W Kardiologii Interwencyjnej</i> , 2020, 16, 491-494.	0.1	2
82	Contrast medium Pd/Pa ratio in comparison to fractional flow reserve, quantitative flow ratio and instantaneous wave-free ratio for evaluation of intermediate coronary lesions. <i>Postępy W Kardiologii Interwencyjnej</i> , 2020, 16, 384-390.	0.1	2
83	Complete infarct-related artery revascularization in acute myocardial infarction patients. CORAMI Registry. <i>Postępy W Kardiologii Interwencyjnej</i> , 2015, 2, 84-88.	0.1	1
84	Urgent Pericardiocentesis Is More Frequently Needed After Left Circumflex Coronary Artery Perforation. <i>Journal of Clinical Medicine</i> , 2020, 9, 3043.	1.0	1
85	Twelve-month outcomes of transapical transcatheter aortic valve implantation in patients with severe aortic valve stenosis. <i>Postępy W Kardiologii Interwencyjnej</i> , 2021, 17, 68-74.	0.1	1
86	Pol-tako – the first, nationwide Polish multicenter analysis of patients with takotsubo syndrome. <i>Kardiologia Polska</i> , 2021, 79, 867-869.	0.3	1
87	Clinical situations requiring radial or brachial access during carotid artery stenting. <i>Postępy W Kardiologii Interwencyjnej</i> , 2020, 16, 410-417.	0.1	1
88	Low profilin 1 serum levels are associated with diabetes, family history and multivessel lesions in patients with coronary artery disease. <i>Postępy W Kardiologii Interwencyjnej</i> , 2021, 17, 305-308.	0.1	1
89	An expert opinion of the Association of Cardiovascular Interventions and the Working Group on Cardiovascular Pharmacotherapy of the Polish Cardiac Society related to the place of prasugrel in the prevention of cardiovascular events in patients with acute coronary syndromes. <i>Kardiologia Polska</i> , 2022, 80, 113-122.	0.3	1
90	Procedural Outcomes in Patients Treated with Percutaneous Coronary Interventions within Chronic Total Occlusions Stratified by Gender. <i>Journal of Clinical Medicine</i> , 2022, 11, 1419.	1.0	1

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91	Paraoxonase 2 C311S single nucleotide polymorphism is associated with type C lesions in coronary atherosclerosis. <i>Clinical Biochemistry</i> , 2022, 105-106, 64-69.	0.8	1
92	Survival rate after acute myocardial infarction in patients treated with percutaneous coronary intervention within the left main coronary artery according to time of admission. <i>Medicine (United States)</i> , 2021, 100(10), 1-10.	0.4	0
93	Long-term clinical outcomes of direct absorb bioresorbable vascular scaffold implantation in acute coronary syndrome. <i>Minerva Cardioangiologica</i> , 2019, 67, 374-379.	1.2	0
94	Inhibitors of sodium-glucose transport protein 2: A new multidirectional therapeutic option for heart failure patients. <i>Cardiology Journal</i> , 2021, , .	0.5	0
95	Knowledge of intravascular imaging in interventional cardiology practice: results of a survey on Polish interventional cardiologists. <i>Kardiologia Polska</i> , 2019, 77, 1193-1195.	0.3	0
96	Transcatheter aortic valve implantation and hybrid coronary revascularization in a patient with severe aortic stenosis, complex coronary artery disease, and porcelain aorta. <i>Kardiologia Polska</i> , 2021, 79, 1286-1287.	0.3	0
97	Minimally invasive coronary artery bypass as an option for redo coronary surgery in a frail octogenarian. <i>Postepy W Kardiologii Interwencyjnej</i> , 2021, 17, 425-426.	0.1	0
98	NEUTROPHIL-LYMPHOCYTE RATIO AND PLATELET-LYMPHOCYTE RATIO AS PREDICTORS OF CORONARY MICROCIRCULATORY DISEASE OCCURRENCE AND OUTCOME IN PATIENTS WITH CHRONIC CORONARY SYNDROME AND NO SIGNIFICANT CORONARY ARTERY STENOSIS. <i>Wiadomości Lekarskie</i> , 2020, 73, 2598-2606.	0.1	0