

# Tomasz Roleder

## List of Publications by Year in descending order

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68  
papers

581  
citations

840776

11  
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713466

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68  
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68  
docs citations

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times ranked

1002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular Matrix Proteomics Reveals Interplay of Aggrecan and Aggrecanases in Vascular Remodeling of Stented Coronary Arteries. <i>Circulation</i> , 2018, 137, 166-183.	1.6	77
2	Increased Thin-Cap Neoatheroma and Periprocedural Myocardial Infarction in Drug-Eluting Stent Restenosis. <i>Circulation: Cardiovascular Interventions</i> , 2013, 6, 507-517.	3.9	63
3	Combined NIRS and IVUS imaging detects vulnerable plaque using a single catheter system: a head-to-head comparison with OCT. <i>EuroIntervention</i> , 2014, 10, 303-311.	3.2	47
4	Multiplug paravalvular leak closure using Amplatzer Vascular Plugs III: A prospective registry. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 478-487.	1.7	43
5	The basics of intravascular optical coherence tomography. <i>Postepy W Kardiologii Interwencyjnej</i> , 2015, 2, 74-83.	0.2	31
6	Transcatheter closure of paravalvular leaks using a paravalvular leak device – a prospective Polish registry. <i>Postepy W Kardiologii Interwencyjnej</i> , 2016, 2, 128-134.	0.2	19
7	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.	1.7	17
8	Clinical manifestations of heart failure abate with transcatheter aortic paravalvular leak closure using Amplatzer vascular plug II and III devices. <i>Journal of Invasive Cardiology</i> , 2013, 25, 226-31.	0.4	17
9	Optical coherence tomography imaging of everolimus-eluting bioresorbable vascular scaffold implanted into coronary vein graft at 3-month follow-up. <i>European Heart Journal</i> , 2014, 35, 2207-2207.	2.2	14
10	The Elements of Executive Attention in Top Soccer Referees and Assistant Referees. <i>Journal of Human Kinetics</i> , 2014, 40, 235-243.	1.5	14
11	Fully Automated Lumen Segmentation Method for Intracoronary Optical Coherence Tomography. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-13.	1.9	13
12	Interventional cardiology in Poland in 2020 – impact of the COVID-19 pandemic. Annual summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society and Jagiellonian University Medical College*. <i>Postepy W Kardiologii Interwencyjnej</i> , 2021, 17, 131-134.	0.2	11
13	Bioresorbable vascular scaffolds in saphenous vein grafts (data from OCTOPUS registry). <i>Postepy W Kardiologii Interwencyjnej</i> , 2015, 4, 323-326.	0.2	9
14	Long-Term Percutaneous Coronary Intervention Outcomes of Patients with Chronic Kidney Disease in the Era of Second-Generation Drug-Eluting Stents. <i>CardioRenal Medicine</i> , 2017, 7, 85-95.	1.9	9
15	Interventional cardiology procedures in Poland in 2018. 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> , 2019, 15, 391-393.	0.2	9
16	Second generation, sirolimus-eluting, bioresorbable Tyrocore scaffold implantation in patients with ST-segment elevation myocardial infarction: Baseline OCT and 30-day clinical outcomes – A FANTOM STEMI pilot study. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E1-E7.	1.7	9
17	Long-term follow-up of renal arteries after radio-frequency catheter-based denervation using optical coherence tomography and angiography. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 855-862.	1.5	8
18	Utility of near-infrared spectroscopy for detection of thin-cap neoatherosclerosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 663-669.	1.2	8

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19	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>Postępy W Kardiologii Interwencyjnej</i> , 2018, 14, 422-424.	0.2	8
20	Functionalization with a VEGFR2-binding antibody fragment leads to enhanced endothelialization of a cardiovascular stent in vitro and in vivo. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 213-224.	3.4	8
21	Interventional cardiology in Poland in 2019. Summary report of the Association of Cardiovascular Interventions of the Polish Cardiac Society (AISN PTK) and Jagiellonian University Medical College*. <i>Postępy W Kardiologii Interwencyjnej</i> , 2020, 16, 123-126.	0.2	8
22	Procedural and 1-year outcomes following large vessel coronary artery perforation treated by covered stents implantation: Multicentre CRACK registry. <i>PLoS ONE</i> , 2021, 16, e0249698.	2.5	8
23	OCT-Derived Plaque Morphology and FFR-Determined Hemodynamic Relevance in Intermediate Coronary Stenoses. <i>Journal of Clinical Medicine</i> , 2021, 10, 2379.	2.4	8
24	Small vessel coronary artery disease: How small can we go with myocardial revascularization?. <i>Cardiology Journal</i> , 2021, 28, 767-778.	1.2	8
25	Comparative Appraisal of Intravascular Ultrasound and Optical Coherence Tomography in Invasive Coronary Imaging: 2022 Update. <i>Journal of Clinical Medicine</i> , 2022, 11, 4055.	2.4	8
26	Intravascular ultrasound, optical coherence tomography and near infrared spectroscopy. <i>Cor Et Vasa</i> , 2015, 57, e439-e445.	0.1	7
27	Opioïdergic postconditioning™ of heart muscle during ischemia/reperfusion injury. <i>Cardiology Journal</i> , 2017, 24, 419-426.	1.2	7
28	Lipid-Rich Versus Fibrous Intimal Hyperplasia in Transplant Vasculopathy*. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 126-127.	5.3	6
29	Gender differences and bleeding complications after PCI on first and second generation DES. <i>Scandinavian Cardiovascular Journal</i> , 2017, 51, 53-60.	1.2	6
30	First serial optical coherence tomography assessment at baseline, 12 and 24 months in STEMI patients treated with the second-generation Absorb bioresorbable vascular scaffold. <i>EuroIntervention</i> , 2018, 13, 2201-2209.	3.2	6
31	Optical Coherence Tomography of De Novo Lesions and In-Stent Restenosis in Coronary Saphenous Vein Grafts (OCTOPUS Study). <i>Circulation Journal</i> , 2016, 80, 1804-1811.	1.6	5
32	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.	1.7	5
33	Short-term stent coverage of second-generation zotarolimus-eluting durable polymer stents: Onyx one-month optical coherence tomography study. <i>Postępy W Kardiologii Interwencyjnej</i> , 2019, 15, 143-150.	0.2	5
34	Impact of anaemia on long-term outcomes in patients treated with first- and second-generation drug-eluting stents; Katowice-Zabrze Registry. <i>Kardiologia Polska</i> , 2016, 74, 561-569.	0.6	5
35	Treatment of left main coronary artery stenosis with the STENTYS self-expandable drug-eluting stent – a pilot registry. <i>Postępy W Kardiologii Interwencyjnej</i> , 2014, 4, 226-230.	0.2	4
36	New-generation drug eluting stent vs. bare metal stent in saphenous vein graft – 1-year outcomes by a propensity score ascertainment (SVG Baltic Registry). <i>International Journal of Cardiology</i> , 2019, 292, 56-61.	1.7	4

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37	Implantation of a bioabsorbable vascular scaffold into a coronary vein graft: a two-week angiography follow-up. <i>Kardiologia Polska</i> , 2014, 72, 281-281.	0.6	4
38	The influence of high-density lipoprotein cholesterol on maximal lipid core burden indexing thin cap fibrous atheroma lesions as assessed by near infrared spectroscopy. <i>Cardiology Journal</i> , 2021, 28, 887-895.	1.2	4
39	Imaging of postpartum coronary artery's spontaneous dissection treated with stents implantation. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 503-503.	1.2	3
40	Non-ST elevation myocardial infarction related to total coronary artery occlusion – prevalence and patient characteristics. <i>Postepy W Kardiologii Interwencyjnej</i> , 2015, 1, 9-13.	0.2	3
41	Saphenous graft atherosclerosis as assessed by optical coherence tomography data for stenotic and non-stenotic lesions from the OCTOPUS registry. <i>Postepy W Kardiologii Interwencyjnej</i> , 2018, 14, 157-166.	0.2	3
42	Safety and efficacy of self-expanding Stentys drug-eluting stent in left main coronary artery PCI: Multicentre LM-ESTENTYS registry. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 574-582.	1.7	3
43	Safety and Efficacy of Embolic Protection Devices in Saphenous Vein Graft Interventions: A Propensity Score Analysis – Multicenter SVG PCI PROTECTA Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1198.	2.4	3
44	Trends in aortic stenosis diagnosis and treatment in the years 2006–2016 according to the Silesian Cardiovascular (SILCARD) database. <i>Polish Archives of Internal Medicine</i> , 2018, 128, 739-745.	0.4	3
45	The co-application of hypoxic preconditioning and postconditioning abolishes their own protective effect on systolic function in human myocardium. <i>Cardiology Journal</i> , 2013, 20, 472-477.	1.2	3
46	Multimodality imaging of intermediate lesions: Data from FFR, OCT, NIRS-IVUS. <i>Cardiology Journal</i> , 2018, 25, 196-202.	1.2	3
47	Acute coronary syndrome in a patient with an anomaly of the right coronary artery, which originated from the medial part of the left anterior descending artery. <i>Kardiologia Polska</i> , 2015, 73, 375-375.	0.6	2
48	Management strategies and 5-year outcomes in Polish patients with stable coronary artery disease in the CLARIFY registry versus other European countries. <i>Polish Archives of Internal Medicine</i> , 2019, 129, 327-334.	0.4	2
49	Coronary plaque redistribution after stent implantation is determined by lipid composition: A NIRS-IVUS analysis. <i>Cardiology Journal</i> , 2020, 27, 238-245.	1.2	2
50	Fully Automated Lipid Pool Detection Using Near Infrared Spectroscopy. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-9.	1.3	1
51	Second-generation drug-eluting stents in the elderly patients with acute coronary syndrome: the in-hospital and 12-month follow-up of the all-comer registry. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 885-893.	2.9	1
52	Multimodality intravascular imaging of bioresorbable vascular scaffolds implanted in vein grafts. <i>Postepy W Kardiologii Interwencyjnej</i> , 2019, 15, 151-157.	0.2	1
53	Coronary interventions via radial artery without pre procedural routine use of spasmolytic agents. <i>Postepy W Kardiologii Interwencyjnej</i> , 2020, 16, 138-144.	0.2	1
54	Short-term healing response after implantation of the thin-strut, fast-releasing sirolimus-eluting biodegradable polymer-coated Alex Plus stent: optical coherence tomography study. <i>Postepy W Kardiologii Interwencyjnej</i> , 2020, 16, 187-191.	0.2	1

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55	Short-term stent strut coverage: optical coherence tomography vs high-definition intravascular ultrasound. <i>Kardiologia Polska</i> , 2021, 79, 861-863.	0.6	1
56	Serial Baseline, 12-, 24-, and 60-Month Optical Coherence Tomography Evaluation of ST Segment Elevation Myocardial Infarction Patients Treated with Absorb Bioresorbable Vascular Scaffold. <i>American Journal of Cardiology</i> , 2021, 155, 23-31.	1.6	1
57	Opioidergic conditioning of the human heart muscle in nitric oxide-dependent mechanism. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1069-1073.	1.4	1
58	Outcomes of biodegradable polymer sirolimus-eluting PROLIM stent in patients with coronary artery disease. Results of 12-month follow-up of prospective registry. <i>Kardiologia Polska</i> , 2016, 74, 411-417.	0.6	1
59	Non-ST-Segment Elevation Myocardial Infarction Related to Vulnerable Neoatheroma in Bare-Metal Stents 2 Years After Percutaneous Coronary Intervention of a Coronary Saphenous Vein Graft. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, e95-e96.	2.9	0
60	Long-term follow-up after radio-frequency catheter-based denervation in patients with resistant hypertension. <i>International Journal of Cardiology</i> , 2016, 215, 472-475.	1.7	0
61	Prediction models for different plaque morphology in non-significantly stenosed regions of saphenous vein grafts assessed with optical coherence tomography. <i>Postepy W Kardiologii Interwencyjnej</i> , 2018, 14, 363-372.	0.2	0
62	Chronic dissection of left main coronary artery – functional coronary assessment is not always enough. <i>Postepy W Kardiologii Interwencyjnej</i> , 2019, 15, 258-259.	0.2	0
63	Local intravascular delivery of low-density-lipoprotein cholesterol corresponds with increased intimal thickening in a healthy porcine coronary model. A prelude to development of a model of atherosclerosis. <i>Postepy W Kardiologii Interwencyjnej</i> , 2019, 15, 81-90.	0.2	0
64	Angio-CT reveals differences in renal arteries anatomy in resistant hypertension patients qualified for renal denervation vs pseudo-resistant hypertensive subjects. <i>Cardiology Journal</i> , 2021, , .	1.2	0
65	Performance of Integrated Near-Infrared Spectroscopy and Intravascular Ultrasound (NIRS-IVUS) System against Quantitative Flow Ratio (QFR). <i>Diagnostics</i> , 2021, 11, 1148.	2.6	0
66	Non-ST elevation myocardial infarction related to critical left main stenosis in a patient after transcatheter aortic valve implantation. <i>Kardiologia Polska</i> , 2015, 73, 568-568.	0.6	0
67	ST segment elevation myocardial infarction caused by post-traumatic coronary artery perforation. <i>Kardiologia Polska</i> , 2017, 75, 506-506.	0.6	0
68	Different absorption time of two absorb BVS implanted in the same artery: insights into mechanisms of late scaffold failure. <i>Kardiologia Polska</i> , 2018, 76, 1277-1277.	0.6	0