Krzysztof P Milewski

List of Publications by Year
in descending order

80	3,157	331259	155451
papers	citations	21 h-index	55 g-index

100	100	100	4100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PCI Strategies in Patients with Acute Myocardial Infarction and Cardiogenic Shock. New England Journal of Medicine, 2017, 377, 2419-2432.	13.9	764
2	Intracoronary infusion of bone marrow-derived selected CD34+CXCR4+ cells and non-selected mononuclear cells in patients with acute STEMI and reduced left ventricular ejection fraction: results of randomized, multicentre Myocardial Regeneration by Intracoronary Infusion of Selected Population of Stem Cells in Acute Myocardial Infarction (REGENT) Trial. European Heart Journal, 2009, 30, 1313-1321.	1.0	427
3	Acute and Late Outcomes of Unprotected Left Main Stenting in Comparison With Surgical Revascularization. Journal of the American College of Cardiology, 2008, 51, 538-545.	1.2	352
4	One-Year Outcomes after PCI Strategies in Cardiogenic Shock. New England Journal of Medicine, 2018, 379, 1699-1710.	13.9	303
5	Left Main Stenting in Comparison WithÂSurgical Revascularization. JACC: Cardiovascular Interventions, 2016, 9, 318-327.	1.1	129
6	Early and Long-Term Results of Unprotected Left Main Coronary Artery Stenting. Journal of the American College of Cardiology, 2009, 54, 1500-1511.	1.2	118
7	Development of a Novel Prohealing Stent Designed to Deliver Sirolimus From a Biodegradable Abluminal Matrix. Circulation: Cardiovascular Interventions, 2010, 3, 257-266.	1.4	114
8	Extracellular Matrix Proteomics Reveals Interplay of Aggrecan and Aggrecanases in Vascular Remodeling of Stented Coronary Arteries. Circulation, 2018, 137, 166-183.	1.6	77
9	A sirolimus-eluting bioabsorbable polymer-coated stent (MiStent) versus an everolimus-eluting durable polymer stent (Xience) after percutaneous coronary intervention (DESSOLVE III): a randomised, single-blind, multicentre, non-inferiority, phase 3 trial. Lancet, The, 2018, 391, 431-440.	6.3	70
10	Vascular Response to Zotarolimus-Coated Balloons in Injured Superficial Femoral Arteries of the Familial Hypercholesterolemic Swine. Circulation: Cardiovascular Interventions, 2011, 4, 447-455.	1.4	66
11	Neointimal patterns obtained by optical coherence tomography correlate with specific histological components and neointimal proliferation in a swine model of restenosis. European Heart Journal Cardiovascular Imaging, 2014, 15, 292-298.	0.5	54
12	Plaque sealing and passivation with a mechanical self-expanding low outward force nitinol vShield device for the treatment of IVUS and OCT-derived thin cap fibroatheromas (TCFAs) in native coronary arteries: report of the pilot study vShield Evaluated at Cardiac hospital in Rotterdam for Investigation and Treatment of TCFA (SECRITT). EuroIntervention, 2012, 8, 945-954.	1.4	42
13	Cardiomyocyte differentiation of bone marrow-derived Oct-4+CXCR4+SSEA-1+ very small embryonic-like stem cells. International Journal of Oncology, 2010, 37, 237-47.	1.4	34
14	Cyclosporine A reduces microvascular obstruction and preserves left ventricular function deterioration following myocardial ischemia and reperfusion. Basic Research in Cardiology, 2015, 110, 18.	2.5	33
15	Novel paclitaxel-eluting, biodegradable polymer coated stent in the treatment of de novo coronary lesions: A prospective multicenter registry. Catheterization and Cardiovascular Interventions, 2008, 71, 51-57.	0.7	30
16	Coronary bare metal stent implantation in homozygous LDL receptor deficient swine induces a neointimal formation pattern similar to humans. Atherosclerosis, 2010, 213, 518-524.	0.4	28
17	Evaluation of Efficacy and Dose Response of Different Paclitaxel-Coated Balloon Formulations in a Novel Swine Model of Iliofemoral In-Stent Restenosis. JACC: Cardiovascular Interventions, 2012, 5, 1081-1088.	1.1	28
18	Remote Supervision to Decrease Hospitalization Rate (RESULT) study in patients with implanted cardioverter-defibrillator. Europace, 2020, 22, 769-776.	0.7	26

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19	Longâ€term effects on vascular healing of bare metal stents delivered via paclitaxelâ€coated balloons in the porcine model of restenosis. Catheterization and Cardiovascular Interventions, 2012, 80, 603-610.	0.7	23
20	Effects of intracoronary delivery of allogenic bone marrow-derived stem cells expressing heme oxygenase-1 on myocardial reperfusion injury. Thrombosis and Haemostasis, 2012, 108, 464-475.	1.8	21
21	Peri-strut low-intensity areas in optical coherence tomography correlate with peri-strut inflammation and neointimal proliferation. Coronary Artery Disease, 2014, 25, 595-601.	0.3	21
22	Experimental evaluation of pharmacokinetic profile and biological effect of a novel paclitaxel microcrystalline balloon coating in the iliofemoral territory of swine. Catheterization and Cardiovascular Interventions, 2014, 83, 325-333.	0.7	19
23	Induction of inducible nitric oxide synthase expression in ammoniaâ€exposed cultured astrocytes is coupled to increased arginine transport by upregulated y⁺<scp>LAT</scp>2 transporter. Journal of Neurochemistry, 2015, 135, 1272-1281.	2.1	19
24	Final 3-Year Outcomes of MiStent Biodegradable Polymer Crystalline Sirolimus-Eluting Stent Versus Xience Permanent Polymer Everolimus-Eluting Stent. Circulation: Cardiovascular Interventions, 2020, 13, e008737.	1.4	17
25	Comparison of Stenting and Surgical Revascularization Strategy in Non-ST Elevation Acute Coronary Syndromes and Complex Coronary Artery Disease (from the Milestone Registry). American Journal of Cardiology, 2014, 114, 979-987.	0.7	16
26	Controlled Reperfusion with Intravenous Bivalirudin and Intracoronary Abciximab Combination Therapy in the Porcine Myocardial Infarction Model. Thrombosis Research, 2012, 130, 265-272.	0.8	15
27	Bifurcation Optimisation Stent System (BiOSS Lim) with sirolimus elution: results from porcine coronary artery model. EuroIntervention, 2011, 7, 614-620.	1.4	15
28	Intracoronary adiponectin at reperfusion reduces infarct size in a porcine myocardial infarction model. International Journal of Molecular Medicine, 2011, 27, 775-81.	1.8	14
29	Randomised comparison of a biodegradable polymer ultra-thin sirolimus-eluting stent versus a durable polymer everolimus-eluting stent in patients with de novo native coronary artery lesions: the meriT-V trial. EuroIntervention, 2018, 14, e1207-e1214.	1.4	14
30	Correlation of Angiographic Late Loss With Neointimal Proliferation in Stents Evaluated by OCT and Histology in Porcine Coronary Arteries. JACC: Cardiovascular Imaging, 2011, 4, 1002-1010.	2.3	13
31	Experimental evaluation of efficacy and healing response of everolimus-eluting stents in the familial hypercholesterolemic swine model. Coronary Artery Disease, 2014, 25, 198-207.	0.3	13
32	The dimethylarginine (ADMA)/nitric oxide pathway in the brain and periphery of rats with thioacetamide-induced acute liver failure: Modulation by histidine. Neurochemistry International, 2015, 88, 26-31.	1.9	13
33	Stenting and Adjunctive Delivery of Paclitaxel Via Balloon Coating Versus Durable Polymeric Matrix for De Novo Coronary Lesions: Clinical and Angiographic Results from the Prospective Randomized Trial. Journal of Interventional Cardiology, 2015, 28, 348-357.	0.5	12
34	Optimizing flushing parameters in intracoronary optical coherence tomography: an in vivo swine study. International Journal of Cardiovascular Imaging, 2015, 31, 1097-1106.	0.7	12
35	Paclitaxel-iopromide coated balloon followed by â€œbail-outâ€•bare metal stent in porcine iliofemoral arteries: first report on biological effects in peripheral circulation. EuroIntervention, 2011, 7, 362-368.	1.4	12
36	Comparable vascular response of a new generation sirolimus eluting stents when compared to fluoropolymer everolimus eluting stents in the porcine coronary restenosis model. Cardiology Journal, 2016, 23, 657-666.	0.5	12

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37	Intracerebral Administration of S-Adenosylhomocysteine or S-Adenosylmethionine Attenuates the Increases in the Cortical Extracellular Levels of Dimethylarginines Without Affecting cGMP Level in Rats with Acute Liver Failure. Neurotoxicity Research, 2017, 31, 99-108.	1.3	10
38	Drug Delivery at the Aortic Valve Tissues of Healthy Domestic Pigs with a Paclitaxelâ€Eluting Valvuloplasty Balloon. Journal of Interventional Cardiology, 2009, 22, 291-298.	0.5	9
39	OCT-Verified Peri-Strut Low-Intensity Areas and the Extent of Neointimal Formation After 3 Years Following Stent Implantation. JACC: Cardiovascular Imaging, 2012, 5, 1156-1160.	2.3	9
40	Ammonia Reduces Intracellular Asymmetric Dimethylarginine in Cultured Astrocytes Stimulating Its y+LAT2 Carrier-Mediated Loss. International Journal of Molecular Sciences, 2017, 18, 2308.	1.8	9
41	Clinical Randomized Trial Evaluating Novel, Microcrystalline, and Biocompatible Polymer Paclitaxel-Coated Balloon forÂthe Treatment of Femoropopliteal Occlusive Disease. JACC: Cardiovascular Interventions, 2018, 11, 2436-2438.	1.1	8
42	Differences in vessel healing following delivery of everolimus or paclitaxel: a comparative experimental study using identical stent and biodegradable polymer platforms. EuroIntervention, 2014, 10, 724-731.	1.4	8
43	Comparison of thin-strut cobalt-chromium stents and stainless steel stents in a porcine model of neointimal hyperplasia. Medical Science Monitor, 2010, 16, BR40-4.	0.5	8
44	Evaluation of safety and efficacy of NexGen â€“ an ultrathin strut and hybrid cell design cobalt-chromium bare metal stent implanted in a real life patient population â€“ the Polish NexGen Registry. Postepy W Kardiologii Interwencyjnej, 2016, 3, 217-223.	0.1	7
45	Renal Artery Stenting Associated With Improvement in Renal Function and Blood Pressure Control in Long-Term Follow-Up. Kidney and Blood Pressure Research, 2016, 41, 278-287.	0.9	7
46	A Nuclear Magnetic Resonance Spectroscopy as a Method for Evaluation of In Vivo Poly-<scp>l</scp>-Lactide Biodegradation Kinetics From Stent-Polymer Matrices. Journal of Cardiovascular Pharmacology and Therapeutics, 2016, 21, 93-99.	1.0	7
47	Stent healing response following delivery of paclitaxel via durable polymeric matrix versus iopromide-based balloon coating in the familial hypercholesterolaemic swine model of coronary injury. EuroIntervention, 2013, 9, 510-516.	1.4	7
48	Comparison of Adverse Cardiovascular Events and Bleeding Complications of Loading Dose of Clopidogrel 300 mg Versus 600 mg in Stable Patients Undergoing Elective Percutaneous Intervention (from the CADICE Study). American Journal of Cardiology, 2011, 107, 6-9.	0.7	6
49	Comparable clinical safety and efficacy of biodegradable versus durable polymer paclitaxel eluting stents despite shorter dual antiplatelet therapy: Insights from a multicenter, propensity scoreâ€matched registry. Catheterization and Cardiovascular Interventions, 2013, 82, E155-62.	0.7	6
50	Assessment of vascular response to Bi<scp>OSS LIM</scp> C^{Â®} stents vs Orsiro^{Â®} stents in the porcine coronary artery model. Cardiovascular Therapeutics, 2017, 35, e12267.	1.1	6
51	<scp>RE</scp>mote <scp>SU</scp>pervision to Decrease HospitaLization RaTe. Unified and integrated platform for data collected from devices manufactured by different companies: Design and rationale of the <scp>RESULT</scp> study. Annals of Noninvasive Electrocardiology, 2017, 22, .	0.5	6
52	Longâ€term impact of balloon postdilatation on neointimal formation: An experimental comparative study between secondâ€generation selfâ€expanding versus balloonâ€expandable stent technologies. Catheterization and Cardiovascular Interventions, 2014, 83, 397-404.	0.7	5
53	Novel biodegradable polymer-coated, paclitaxel-eluting stent inhibits neointimal formation in porcine coronary arteries. Kardiologia Polska, 2010, 68, 503-9.	0.3	5
54	The role of CXCR4/SDF-1, CD117/SCF, and c-met/HGF chemokine signalling in the mobilization of progenitor cells and the parameters of the left ventricular function, remodelling, and myocardial perfusion following acute myocardial infarction. European Heart Journal Supplements, 2008, 10, K16-K23.	0.0	4

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55	Longâ€term results of cephalad arteries percutanoeus transluminal angioplasty with stent implantation (The CAPTAS registry). Catheterization and Cardiovascular Interventions, 2012, 79, 532-540.	0.7	4
56	Long-Term Outcomes After Percutaneous Lower Extremity Arterial Interventions With Atherectomy vs. Balloon Angioplastyã€€â€• Propensity Score-Matched Registry â€•. Circulation Journal, 2017, 81, 376-382.	0.7	4
57	Vascular response and mechanical integrity of the new biodegradable polymer coated sirolimus-eluting PROLIM stent implanted in porcine coronary arteries. Kardiologia Polska, 2012, 70, 703-11.	0.3	4
58	Low-pressure self-expandable luminal shield system: mechanical stabilization of high-risk coronary atherosclerotic lesions. Interventional Cardiology, 2010, 2, 493-499.	0.0	3
59	A Novel Peritoneum Derived Vascular Prosthesis Formed on a Latex Catheter in an SDF-1 Chemokine Enriched Environment: A Pilot Study. International Journal of Artificial Organs, 2015, 38, 89-95.	0.7	3
60	BiOSS LIM C: thin-strut cobalt-chromium version of the dedicated bifurcation stent. Expert Review of Medical Devices, 2017, 14, 279-284.	1.4	3
61	First clinical evaluation of a luminal self-expanding shield in patients with intermediate coronary lesions. EuroIntervention, 2011, 7, 780-788.	1.4	3
62	Safety and biocompatibility of a novel self-expanding nitinol carotid stent with hybrid cell design in a porcine model of neointimal hyperplasia. Kardiologia Polska, 2015, 73, 240-245.	0.3	3
63	Dose-dependent vascular response following delivery of sirolimus via fast releasing, biodegradable polymer stent matrix: an experimental study in the porcine coronary model of restenosis. Kardiologia Polska, 2015, 73, 916-923.	0.3	3
64	Long term outcomes in diabetic patients treated with atherectomy for peripheral artery disease. Cardiology Journal, 2020, 27, 600-607.	0.5	3
65	Effects of local intracoronary paclitaxel delivery using the Remedy transport catheter on neointimal hyperplasia after stent implantation in a porcine model. Cardiovascular Revascularization Medicine, 2011, 12, 82-89.	0.3	2
66	Safety and feasibility of sameâ€day early discharge after endovascular revascularization of lower extremities in elderly. S<scp>ENIORâ€ER</scp> registry. Catheterization and Cardiovascular Interventions, 2018, 91, 515-520.	0.7	2
67	Comparison of the Absorb bioresorbable vascular scaffold to the Xience durable polymer everolimus-eluting metallic stent in routine clinical practice: a propensity score-matched analysis from aÂmulticenter registry. Postepy W Kardiologii Interwencyjnej, 2018, 14, 149-156.	0.1	2
68	Neointimal hyperplasia of ultra-thin stents with microcrystalline sirolimus or durable polymer everolimus-eluting stents: 6- and 24-month results of the DESSOLVE III OCT study. EuroIntervention, 2021, 16, 1187-1194.	1.4	2
69	Local paclitaxel delivery as a treatment of persistent, recurrent in-stent restenosis -- safety assessment. Kardiologia Polska, 2006, 64, 268-72; discussion 273-4.	0.3	2
70	Nanospheres encapsulated everolimus delivery into arterial wallâ€“the tissue pharmacokinetics and vascular response experimental study. Catheterization and Cardiovascular Interventions, 2021, 98, 914-922.	0.7	1
71	Temporal healing patterns and coverage dynamics after new Polish transcatheter PFO occluder implantation in a swine. Kardiologia Polska, 2017, 75, 907-913.	0.3	1
72	State-of-the-art of transcatheter treatment of aortic valve stenosis and the overview of the InFlow project aiming at developing the first Polish TAVI system. Cardiology Journal, 2017, 24, 685-694.	0.5	1

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73	The new Polish stent Chopin. Assessment of safety and efficacy in the treatment of de-novo coronary lesions using percutaneous angioplasty. Kardiologia Polska, 2005, 62, 451-9; discussion 460-1.	0.3	1
74	TCT-575 Different Vessel Healing Patterns Following Delivery of Everolimus and Paclitaxel Eluted from Biodegradable Polymer Coated Stents Implanted in Porcine Coronary Arteries. Journal of the American College of Cardiology, 2012, 60, B167.	1.2	0
75	AS-108 Allogenic Bone Marrow-Derived Mesenchymal Stromal Cells Expressing Heme Oxygenase-1 to Reduce the Infarct Area in Porcine Model of Myocardial Infarction. American Journal of Cardiology, 2012, 109, S54.	0.7	0
76	TCT-211 Stenting and Delivery of Paclitaxel via Iopromide-Based Balloon Coating versus Durable Polymeric Matrix for De-Novo Coronary Lesions: Clinical and Angiographic Results from the Prospective Randomized Trial.. Journal of the American College of Cardiology, 2013, 62, B68.	1.2	0
77	TCT-547 Long term outcomes of percutaneous lower- extremity arterial interventions with balloon angioplasty versus atherectomy- propensity score matched registry.. Journal of the American College of Cardiology, 2013, 62, B165.	1.2	0
78	TCTAP C-141 Hybrid Revascularization Procedure in Patient with Multivessel Coronary Disease Presenting with Unstable Angina. Journal of the American College of Cardiology, 2014, 63, S155-S156.	1.2	0
79	TCT-608 Comparison of stent design on early outcome in patients undergoing primary percutaneous coronary intervention. Insights from large, multicenter, registry. Journal of the American College of Cardiology, 2015, 66, B248.	1.2	0
80	Percutaneous Coronary Intervention vs. Coronary Artery Bypass Grafting for Treating In-Stent Restenosis in Unprotected-Left Main: LM-DRAGON-Registry. Frontiers in Cardiovascular Medicine, 2022, 9, .	1.1	0