

# Krzysztof P Milewski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1425741/publications.pdf>

Version: 2024-02-01

80  
papers

3,157  
citations

331259

21  
h-index

155451

55  
g-index

100  
all docs

100  
docs citations

100  
times ranked

4100  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Percutaneous Coronary Intervention vs. Coronary Artery Bypass Grafting for Treating In-Stent Restenosis in Unprotected-Left Main: LM-DRAGON-Registry. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .  | 1.1  | 0         |
| 2  | Nanospheres encapsulated everolimus delivery into arterial wall—the tissue pharmacokinetics and vascular response experimental study. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 914-922.  | 0.7  | 1         |
| 3  | 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. <i>EuroIntervention</i> , 2021, 16, 1187-1194.   | 1.4  | 2         |
| 4  | Final 3-Year Outcomes of MiStent Biodegradable Polymer Crystalline Sirolimus-Eluting Stent Versus Xience Permanent Polymer Everolimus-Eluting Stent. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008737.  | 1.4  | 17        |
| 5  | Remote Supervision to Decrease Hospitalization Rate (RESULT) study in patients with implanted cardioverter-defibrillator. <i>Europace</i> , 2020, 22, 769-776.  | 0.7  | 26        |
| 6  | Long term outcomes in diabetic patients treated with atherectomy for peripheral artery disease. <i>Cardiology Journal</i> , 2020, 27, 600-607.  | 0.5  | 3         |
| 7  | Safety and feasibility of same-day early discharge after endovascular revascularization of lower extremities in elderly. S<sc>ENIOR&ER</sc> registry. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 515-520.  | 0.7  | 2         |
| 8  | 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        |
| 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. <i>Lancet, The</i> , 2018, 391, 431-440. | 6.3  | 70        |
| 10 | Clinical Randomized Trial Evaluating Novel, Microcrystalline, and Biocompatible Polymer Paclitaxel-Coated Balloon for the Treatment of Femoropopliteal Occlusive Disease. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2436-2438.  | 1.1  | 8         |
| 11 | 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 a multicenter registry. <i>Postępy W Kardiologii Interwencyjnej</i> , 2018, 14, 149-156.                | 0.1  | 2         |
| 12 | One-Year Outcomes after PCI Strategies in Cardiogenic Shock. <i>New England Journal of Medicine</i> , 2018, 379, 1699-1710.   | 13.9 | 303       |
| 13 | 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. <i>EuroIntervention</i> , 2018, 14, e1207-e1214.                                      | 1.4  | 14        |
| 14 | BiOSS LIM C: thin-strut cobalt-chromium version of the dedicated bifurcation stent. <i>Expert Review of Medical Devices</i> , 2017, 14, 279-284.  | 1.4  | 3         |
| 15 | Assessment of vascular response to Bi<sc>OSS LIM</sc> C<sup>Â®</sup> stents vs Orsiro<sup>Â®</sup> stents in the porcine coronary artery model. <i>Cardiovascular Therapeutics</i> , 2017, 35, e12267.  | 1.1  | 6         |
| 16 | <sc>RE</sc> mote <sc>SU</sc> pervision to Decrease Hospitalization RaTe. Unified and integrated platform for data collected from devices manufactured by different companies: Design and rationale of the <sc>RESULT</sc> study. <i>Annals of Noninvasive Electrocardiology</i> , 2017, 22, .           | 0.5  | 6         |
| 17 | PCI Strategies in Patients with Acute Myocardial Infarction and Cardiogenic Shock. <i>New England Journal of Medicine</i> , 2017, 377, 2419-2432.   | 13.9 | 764       |
| 18 | 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. <i>Neurotoxicity Research</i> , 2017, 31, 99-108.                      | 1.3  | 10        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Ammonia Reduces Intracellular Asymmetric Dimethylarginine in Cultured Astrocytes Stimulating Its $\gamma$ -LAT2 Carrier-Mediated Loss. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2308.  | 1.8 | 9         |
| 20 | Long-Term Outcomes After Percutaneous Lower Extremity Arterial Interventions With Atherectomy vs. Balloon Angioplasty – Propensity Score-Matched Registry. <i>Circulation Journal</i> , 2017, 81, 376-382.   | 0.7 | 4         |
| 21 | Temporal healing patterns and coverage dynamics after new Polish transcatheter PFO occluder implantation in a swine. <i>Kardiologia Polska</i> , 2017, 75, 907-913.  | 0.3 | 1         |
| 22 | 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. <i>Cardiology Journal</i> , 2017, 24, 685-694.  | 0.5 | 1         |
| 23 | Evaluation of safety and efficacy of NexGen – an ultrathin strut and hybrid cell design cobalt-chromium bare metal stent implanted in a real life patient population – the Polish NexGen Registry. <i>Postępy W Kardiologii Interwencyjnej</i> , 2016, 3, 217-223.         | 0.1 | 7         |
| 24 | Renal Artery Stenting Associated With Improvement in Renal Function and Blood Pressure Control in Long-Term Follow-Up. <i>Kidney and Blood Pressure Research</i> , 2016, 41, 278-287.  | 0.9 | 7         |
| 25 | A Nuclear Magnetic Resonance Spectroscopy as a Method for Evaluation of In Vivo Poly-L-lactide Biodegradation Kinetics From Stent-Polymer Matrices. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016, 21, 93-99.                                      | 1.0 | 7         |
| 26 | Left Main Stenting in Comparison With Surgical Revascularization. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 318-327.  | 1.1 | 129       |
| 27 | Comparable vascular response of a new generation sirolimus eluting stents when compared to fluoropolymer everolimus eluting stents in the porcine coronary restenosis model. <i>Cardiology Journal</i> , 2016, 23, 657-666.  | 0.5 | 12        |
| 28 | Induction of inducible nitric oxide synthase expression in ammonia-exposed cultured astrocytes is coupled to increased arginine transport by upregulated $\gamma$ -LAT2 transporter. <i>Journal of Neurochemistry</i> , 2015, 135, 1272-1281.                              | 2.1 | 19        |
| 29 | A Novel Peritoneum Derived Vascular Prosthesis Formed on a Latex Catheter in an SDF-1 Chemokine Enriched Environment: A Pilot Study. <i>International Journal of Artificial Organs</i> , 2015, 38, 89-95.  | 0.7 | 3         |
| 30 | Cyclosporine A reduces microvascular obstruction and preserves left ventricular function deterioration following myocardial ischemia and reperfusion. <i>Basic Research in Cardiology</i> , 2015, 110, 18.   | 2.5 | 33        |
| 31 | 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. <i>Journal of Interventional Cardiology</i> , 2015, 28, 348-357. | 0.5 | 12        |
| 32 | Optimizing flushing parameters in intracoronary optical coherence tomography: an in vivo swine study. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1097-1106.  | 0.7 | 12        |
| 33 | TCT-608 Comparison of stent design on early outcome in patients undergoing primary percutaneous coronary intervention. Insights from large, multicenter, registry. <i>Journal of the American College of Cardiology</i> , 2015, 66, B248.                                  | 1.2 | 0         |
| 34 | The dimethylarginine (ADMA)/nitric oxide pathway in the brain and periphery of rats with thioacetamide-induced acute liver failure: Modulation by histidine. <i>Neurochemistry International</i> , 2015, 88, 26-31.  | 1.9 | 13        |
| 35 | Safety and biocompatibility of a novel self-expanding nitinol carotid stent with hybrid cell design in a porcine model of neointimal hyperplasia. <i>Kardiologia Polska</i> , 2015, 73, 240-245.   | 0.3 | 3         |
| 36 | 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. <i>Kardiologia Polska</i> , 2015, 73, 916-923.                                 | 0.3 | 3         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Neointimal patterns obtained by optical coherence tomography correlate with specific histological components and neointimal proliferation in a swine model of restenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 292-298.   | 0.5 | 54        |
| 38 | Experimental evaluation of pharmacokinetic profile and biological effect of a novel paclitaxel microcrystalline balloon coating in the iliofemoral territory of swine. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 83, 325-333.   | 0.7 | 19        |
| 39 | Long-term impact of balloon postdilatation on neointimal formation: An experimental comparative study between second-generation self-expanding versus balloon-expandable stent technologies. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 83, 397-404.                         | 0.7 | 5         |
| 40 | Peri-strut low-intensity areas in optical coherence tomography correlate with peri-strut inflammation and neointimal proliferation. <i>Coronary Artery Disease</i> , 2014, 25, 595-601.   | 0.3 | 21        |
| 41 | Experimental evaluation of efficacy and healing response of everolimus-eluting stents in the familial hypercholesterolemic swine model. <i>Coronary Artery Disease</i> , 2014, 25, 198-207.   | 0.3 | 13        |
| 42 | Comparison of Stenting and Surgical Revascularization Strategy in Non-ST Elevation Acute Coronary Syndromes and Complex Coronary Artery Disease (from the Milestone Registry). <i>American Journal of Cardiology</i> , 2014, 114, 979-987.  | 0.7 | 16        |
| 43 | TCTAP C-141 Hybrid Revascularization Procedure in Patient with Multivessel Coronary Disease Presenting with Unstable Angina. <i>Journal of the American College of Cardiology</i> , 2014, 63, S155-S156.  | 1.2 | 0         |
| 44 | Differences in vessel healing following delivery of everolimus or paclitaxel: a comparative experimental study using identical stent and biodegradable polymer platforms. <i>EuroIntervention</i> , 2014, 10, 724-731.  | 1.4 | 8         |
| 45 | 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. <i>Journal of the American College of Cardiology</i> , 2013, 62, B68.      | 1.2 | 0         |
| 46 | TCT-547 Long term outcomes of percutaneous lower- extremity arterial interventions with balloon angioplasty versus atherectomy- propensity score matched registry. <i>Journal of the American College of Cardiology</i> , 2013, 62, B165.   | 1.2 | 0         |
| 47 | Comparable clinical safety and efficacy of biodegradable versus durable polymer paclitaxel eluting stents despite shorter dual antiplatelet therapy: Insights from a multicenter, propensity score-matched registry. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 82, E155-62. | 0.7 | 6         |
| 48 | 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. <i>EuroIntervention</i> , 2013, 9, 510-516.   | 1.4 | 7         |
| 49 | Controlled Reperfusion with Intravenous Bivalirudin and Intracoronary Abciximab Combination Therapy in the Porcine Myocardial Infarction Model. <i>Thrombosis Research</i> , 2012, 130, 265-272.  | 0.8 | 15        |
| 50 | TCT-575 Different Vessel Healing Patterns Following Delivery of Everolimus and Paclitaxel Eluted from Biodegradable Polymer Coated Stents Implanted in Porcine Coronary Arteries. <i>Journal of the American College of Cardiology</i> , 2012, 60, B167.  | 1.2 | 0         |
| 51 | Evaluation of Efficacy and Dose Response of Different Paclitaxel-Coated Balloon Formulations in a Novel Swine Model of Iliofemoral In-Stent Restenosis. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 1081-1088.   | 1.1 | 28        |
| 52 | OCT-Verified Peri-Strut Low-Intensity Areas and the Extent of Neointimal Formation After 3 Years Following Stent Implantation. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 1156-1160.  | 2.3 | 9         |
| 53 | Effects of intracoronary delivery of allogenic bone marrow-derived stem cells expressing heme oxygenase-1 on myocardial reperfusion injury. <i>Thrombosis and Haemostasis</i> , 2012, 108, 464-475.   | 1.8 | 21        |
| 54 | Long-term results of cephalad arteries percutaneous transluminal angioplasty with stent implantation (The CAPTAS registry). <i>Catheterization and Cardiovascular Interventions</i> , 2012, 79, 532-540.  | 0.7 | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Long-term effects on vascular healing of bare metal stents delivered via paclitaxel-coated balloons in the porcine model of restenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 80, 603-610.  | 0.7 | 23        |
| 56 | AS-108 Allogenic Bone Marrow-Derived Mesenchymal Stromal Cells Expressing Heme Oxygenase-1 to Reduce the Infarct Area in Porcine Model of Myocardial Infarction. <i>American Journal of Cardiology</i> , 2012, 109, S54.  | 0.7 | 0         |
| 57 | 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 TCEA (SECRITT). <i>EuroIntervention</i> , 2012, 8, 945-954. | 1.4 | 42        |
| 58 | Vascular response and mechanical integrity of the new biodegradable polymer coated sirolimus-eluting PROLIM stent implanted in porcine coronary arteries. <i>Kardiologia Polska</i> , 2012, 70, 703-11.   | 0.3 | 4         |
| 59 | Correlation of Angiographic Late Loss With Neointimal Proliferation in Stents Evaluated by OCT and Histology in Porcine Coronary Arteries. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 1002-1010.  | 2.3 | 13        |
| 60 | Intracoronary adiponectin at reperfusion reduces infarct size in a porcine myocardial infarction model. <i>International Journal of Molecular Medicine</i> , 2011, 27, 775-81.  | 1.8 | 14        |
| 61 | 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). <i>American Journal of Cardiology</i> , 2011, 107, 6-9.  | 0.7 | 6         |
| 62 | Effects of local intracoronary paclitaxel delivery using the Remedy transport catheter on neointimal hyperplasia after stent implantation in a porcine model. <i>Cardiovascular Revascularization Medicine</i> , 2011, 12, 82-89.   | 0.3 | 2         |
| 63 | Vascular Response to Zotarolimus-Coated Balloons in Injured Superficial Femoral Arteries of the Familial Hypercholesterolemic Swine. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 447-455.   | 1.4 | 66        |
| 64 | Paclitaxel-iodopromide coated balloon followed by "bail-out" bare metal stent in porcine iliofemoral arteries: first report on biological effects in peripheral circulation. <i>EuroIntervention</i> , 2011, 7, 362-368.  | 1.4 | 12        |
| 65 | Bifurcation Optimisation Stent System (BiOSS Lim) with sirolimus elution: results from porcine coronary artery model. <i>EuroIntervention</i> , 2011, 7, 614-620.   | 1.4 | 15        |
| 66 | First clinical evaluation of a luminal self-expanding shield in patients with intermediate coronary lesions. <i>EuroIntervention</i> , 2011, 7, 780-788.  | 1.4 | 3         |
| 67 | Low-pressure self-expandable luminal shield system: mechanical stabilization of high-risk coronary atherosclerotic lesions. <i>Interventional Cardiology</i> , 2010, 2, 493-499.  | 0.0 | 3         |
| 68 | Development of a Novel Prohealing Stent Designed to Deliver Sirolimus From a Biodegradable Abluminal Matrix. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 257-266.   | 1.4 | 114       |
| 69 | Cardiomyocyte differentiation of bone marrow-derived Oct-4+CXCR4+SSEA-1+ very small embryonic-like stem cells. <i>International Journal of Oncology</i> , 2010, 37, 237-47.   | 1.4 | 34        |
| 70 | Coronary bare metal stent implantation in homozygous LDL receptor deficient swine induces a neointimal formation pattern similar to humans. <i>Atherosclerosis</i> , 2010, 213, 518-524.  | 0.4 | 28        |
| 71 | Comparison of thin-strut cobalt-chromium stents and stainless steel stents in a porcine model of neointimal hyperplasia. <i>Medical Science Monitor</i> , 2010, 16, BR40-4.   | 0.5 | 8         |
| 72 | Novel biodegradable polymer-coated, paclitaxel-eluting stent inhibits neointimal formation in porcine coronary arteries. <i>Kardiologia Polska</i> , 2010, 68, 503-9.   | 0.3 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Intracoronary infusion of bone marrow-derived selected CD34 <sup>+</sup> CXCR4 <sup>+</sup> 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. <i>European Heart Journal</i> , 2009, 30, 1313-1321. | 1.0 | 427       |
| 74 | Drug Delivery at the Aortic Valve Tissues of Healthy Domestic Pigs with a Paclitaxel-Eluting Valvuloplasty Balloon. <i>Journal of Interventional Cardiology</i> , 2009, 22, 291-298.  | 0.5 | 9         |
| 75 | Early and Long-Term Results of Unprotected Left Main Coronary Artery Stenting. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1500-1511.  | 1.2 | 118       |
| 76 | Novel paclitaxel-eluting, biodegradable polymer coated stent in the treatment of de novo coronary lesions: A prospective multicenter registry. <i>Catheterization and Cardiovascular Interventions</i> , 2008, 71, 51-57.   | 0.7 | 30        |
| 77 | Acute and Late Outcomes of Unprotected Left Main Stenting in Comparison With Surgical Revascularization. <i>Journal of the American College of Cardiology</i> , 2008, 51, 538-545.  | 1.2 | 352       |
| 78 | 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. <i>European Heart Journal Supplements</i> , 2008, 10, K16-K23.   | 0.0 | 4         |
| 79 | Local paclitaxel delivery as a treatment of persistent, recurrent in-stent restenosis – safety assessment. <i>Kardiologia Polska</i> , 2006, 64, 268-72; discussion 273-4.  | 0.3 | 2         |
| 80 | The new Polish stent Chopin. Assessment of safety and efficacy in the treatment of de-novo coronary lesions using percutaneous angioplasty. <i>Kardiologia Polska</i> , 2005, 62, 451-9; discussion 460-1.  | 0.3 | 1         |