

# Adrian Doroszko

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

892  
citations

567281

15  
h-index

552781

26  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin Resistance and Endothelial Dysfunction Constitute a Common Therapeutic Target in Cardiometabolic Disorders. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	3.0	138
2	Resistant Hypertension. <i>Advances in Clinical and Experimental Medicine</i> , 2016, 25, 173-183.	1.4	47
3	Role of the eNOS Uncoupling and the Nitric Oxide Metabolic Pathway in the Pathogenesis of Autoimmune Rheumatic Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	4.0	40
4	The Use of Low-Level Energy Laser Radiation in Basic and Clinical Research. <i>Advances in Clinical and Experimental Medicine</i> , 2014, 23, 835-842.	1.4	37
5	Ischemia induced peroxynitrite dependent modifications of cardiomyocyte MLC1 increases its degradation by MMP-2 leading to contractile dysfunction. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1136-1147.	3.6	36
6	Neonatal Asphyxia Induces the Nitration of Cardiac Myosin Light Chain 2 That is Associated with Cardiac Systolic Dysfunction. <i>Shock</i> , 2010, 34, 592-600.	2.1	34
7	Role of the Platelets and Nitric Oxide Biotransformation in Ischemic Stroke: A Translative Review from Bench to Bedside. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-18.	4.0	32
8	Cardiac dysfunction in an animal model of neonatal asphyxia is associated with increased degradation of MLC1 by MMP-2. <i>Basic Research in Cardiology</i> , 2009, 104, 669-679.	5.9	31
9	Effect of the Rho kinase inhibitor Y27632 on the proteome of hearts with ischemia-reperfusion injury. <i>Proteomics</i> , 2010, 10, 4377-4385.	2.2	24
10	Effect of the transdermal low-level laser therapy on endothelial function. <i>Lasers in Medical Science</i> , 2016, 31, 1301-1307.	2.1	24
11	Effects of MMP-9 inhibition by doxycycline on proteome of lungs in high tidal volume mechanical ventilation-induced acute lung injury. <i>Proteome Science</i> , 2010, 8, 3.	1.7	23
12	Temporal and Pharmacological Characterization of Angiostatin Release and Generation by Human Platelets: Implications for Endothelial Cell Migration. <i>PLoS ONE</i> , 2013, 8, e59281.	2.5	19
13	Role of the nitric oxide metabolic pathway and prostanoids in the pathogenesis of endothelial dysfunction and essential hypertension in young men. <i>Hypertension Research</i> , 2011, 34, 79-86.	2.7	18
14	The Human Carbonic Anhydrase II in Platelets: An Underestimated Field of Its Activity. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	18
15	Left Ventricular Structural and Functional Alterations in Patients With Pheochromocytoma/Paraganglioma Before and After Surgery. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2498-2509.	5.3	18
16	Cardiovascular Disorders Triggered by Obstructive Sleep Apnea—A Focus on Endothelium and Blood Components. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5139.	4.1	17
17	Novel Molecular Mechanisms of Pulmonary Hypertension: A Search for Biomarkers and Novel Drug Targets—From Bench to Bed Site. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	4.0	17
18	History of Heart Failure in Patients Hospitalized Due to COVID-19: Relevant Factor of In-Hospital Complications and All-Cause Mortality up to Six Months. <i>Journal of Clinical Medicine</i> , 2022, 11, 241.	2.4	16

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19	Effect of the intravascular low energy laser illumination during percutaneous coronary intervention on the inflammatory process in vascular wall. <i>Lasers in Medical Science</i> , 2013, 28, 763-768.	2.1	15
20	Cardiovascular Risk and Endothelial Dysfunction in Primary Sjogren Syndrome Is Related to the Disease Activity. <i>Nutrients</i> , 2021, 13, 2072.	4.1	15
21	Intraplatelet L-Arginine-Nitric Oxide Metabolic Pathway: From Discovery to Clinical Implications in Prevention and Treatment of Cardiovascular Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	4.0	13
22	Use of the Shock Wave Therapy in Basic Research and Clinical Applicationsâ€”From Bench to Bedside. <i>Biomedicines</i> , 2022, 10, 568.	3.2	13
23	Matrix Metalloproteinase-2 Is Activated During Ischemia/Reperfusion in a Model of Myocardial Infarction. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1495-1503.	1.7	12
24	Endothelial dysfunction in young healthy men is associated with aspirin resistance. <i>Vascular Pharmacology</i> , 2015, 67-69, 30-37.	2.1	12
25	Profiling the endothelial function using both peripheral artery tonometry (EndoPAT) and Laser Doppler Flowmetry (LD) - Complementary studies or waste of time?. <i>Microvascular Research</i> , 2020, 130, 104008.	2.5	12
26	Feasibility of the intravascular lithotripsy in coronary artery disease. Short-term outcomes of the Lower-Silesia Shockwave Registry. <i>Kardiologia Polska</i> , 2021, 79, 1133-1135.	0.6	12
27	Low-Level Laser Irradiation Exerts Antiaggregative Effect on Human Platelets Independently on the Nitric Oxide Metabolism and Release of Platelet Activation Markers. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	4.0	11
28	Effect of Regular Aerobic Activity in Young Healthy Athletes on Profile of Endothelial Function and Platelet Activity. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	11
29	Plasma asymmetric dimethylarginine predicts restenosis after coronary angioplasty. <i>Archives of Medical Science</i> , 2011, 3, 444-448.	0.9	10
30	Anticoagulation Prior to COVID-19 Infection Has No Impact on 6 Months Mortality: A Propensity Scoreâ€”Matched Cohort Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 352.	2.4	10
31	Effects of Intravascular Low-Level Laser Therapy During Coronary Intervention on Selected Growth Factors Levels. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 582-587.	2.0	9
32	New Insights into the Role of Oxidative Stress in Onset of Cardiovascular Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-2.	4.0	9
33	Rota-Lithotripsyâ€”A Novel Bail-Out Strategy for Calcified Coronary Lesions in Acute Coronary Syndrome. The First-in-Man Experience. <i>Journal of Clinical Medicine</i> , 2021, 10, 1872.	2.4	8
34	Shockwave intravascular lithotripsy as a novel strategy for balloon undilatable heavily calcified chronic total occlusion lesions. <i>Cardiology Journal</i> , 2021, , .	1.2	8
35	Kidney Dysfunction and Its Progression in Patients Hospitalized Duo to COVID-19: Contribution to the Clinical Course and Outcomes. <i>Journal of Clinical Medicine</i> , 2021, 10, 5522.	2.4	8
36	Role of Erythrocytes in Nitric Oxide Metabolism and Paracrine Regulation of Endothelial Function. <i>Antioxidants</i> , 2022, 11, 943.	5.1	8

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37	Endothelial Function in Children with Acute Lymphoblastic Leukemia (ALL) May Reflect the Clinical Outcome. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	7
38	Interactions between the Cyclooxygenase Metabolic Pathway and the Renin-Angiotensin-Aldosterone Systems: Their Effect on Cardiovascular Risk, from Theory to the Clinical Practice. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	7
39	Novel Approaches for Diagnosing and Management of Cardiovascular Disorders Mediated by Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-3.	4.0	6
40	The 1-Year Safety and Efficacy Outcomes of Magmaris, Novel Magnesium Bioresorbable Vascular Scaffolds in Diabetes Mellitus Patients with Acute Coronary Syndrome. <i>Journal of Clinical Medicine</i> , 2021, 10, 3166.	2.4	6
41	Elevated plasma ADMA contributes to development of endothelial dysfunction in children with acute lymphoblastic leukemia. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2016, 70, 562-571.	0.1	6
42	New Candidates for Biomarkers and Drug Targets of Ischemic Stroke – A First Dynamic LC-MS Human Serum Proteomic Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 339.	2.4	6
43	Assessment of Gastrointestinal Symptoms and Dyspnea in Patients Hospitalized due to COVID-19: Contribution to Clinical Course and Mortality. <i>Journal of Clinical Medicine</i> , 2022, 11, 1821.	2.4	6
44	Platelet Carbonic Anhydrase II, a Forgotten Enzyme, May Be Responsible for Aspirin Resistance. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	4.0	5
45	Effect of endovascular coronary low-level laser therapy during angioplasty on the release of endothelin-1 and nitric oxide. <i>Advances in Clinical and Experimental Medicine</i> , 2017, 26, 595-599.	1.4	5
46	Efficacy and safety of shockwave intravascular lithotripsy (S-IVL) in calcified unprotected left main percutaneous coronary intervention – short-term outcomes. <i>Postepy W Kardiologii Interwencyjnej</i> , 2021, 17, 344-348.	0.2	5
47	Mortality Predictive Value of the C2HEST Score in Elderly Subjects with COVID-19 – A Subanalysis of the COLOS Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 992.	2.4	5
48	Platelet-Derived Drug Targets and Biomarkers of Ischemic Stroke – The First Dynamic Human LC-MS Proteomic Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 1198.	2.4	5
49	Increased Intraplatelet ADMA Level May Promote Platelet Activation in Diabetes Mellitus. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	4.0	4
50	“All hands on deck” – rota-lithotripsy – a combination of rotational atherectomy and intravascular lithotripsy (shockwave) with additional use of a Turnpike Gold microcatheter and guide extension as a novel approach for calcified lesions. <i>Postepy W Kardiologii Interwencyjnej</i> , 2021, 17, 214-217.	0.2	4
51	Sex Differences in the Clinical Features and Outcomes of Patients with Acute Coronary Syndrome Treated with Two Generations (Absorb and Magmaris) of Bioresorbable Vascular Scaffolds. <i>Journal of Clinical Medicine</i> , 2021, 10, 3768.	2.4	4
52	Retinal arterial remodeling in patients with pheochromocytoma or paraganglioma and its reversibility following surgical treatment. <i>Journal of Hypertension</i> , 2020, 38, 1551-1558.	0.5	3
53	Biodegradable Polymer DES (Ultimaster) vs. Magnesium Bioresorbable Scaffold (BRS Magmaris) in Diabetic Population with NSTEMI-ACS: A One-Year Clinical Outcome of Two Sirolimus-Eluting Stents. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-9.	2.3	3
54	Effect of the Renin-Angiotensin-Aldosterone System Reactivity on Endothelial Function and Modulative Role of Valsartan in Male Subjects with Essential Hypertension. <i>Journal of Clinical Medicine</i> , 2021, 10, 5816.	2.4	3

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55	Impella protected percutaneous coronary intervention on the last remaining highly calcified coronary artery facilitated by shockwave intravascular lithotripsy and levosimendan infusion. <i>Kardiologia Polska</i> , 2021, 79, 1145-1146.	0.6	2
56	Usefulness of the C2HEST Score in Predicting the Clinical Outcomes of COVID-19 in Diabetic and Non-Diabetic Cohorts. <i>Journal of Clinical Medicine</i> , 2022, 11, 873.	2.4	2
57	Sex-Dependent Differences in Predictive Value of the C2HEST Score in Subjects with COVID-19 – A Secondary Analysis of the COLOS Study. <i>Viruses</i> , 2022, 14, 628.	3.3	2
58	Successful shockwave intravascular lithotripsy of an under-expanded stent after a month from primary implantation. <i>Kardiologia Polska</i> , 2022, 80, 359-360.	0.6	2
59	Rota-lithotripsy: A combination of rotational atherectomy and intravascular lithotripsy (Shockwaves) as a novel strategy for a rotablation-resistant lesion in a patient with ST-segment elevation myocardial infarction. <i>Cardiology Journal</i> , 2021, 28, 993-994.	1.2	2
60	Usefulness of C2HEST Score in Predicting Clinical Outcomes of COVID-19 in Heart Failure and Non-Heart-Failure Cohorts. <i>Journal of Clinical Medicine</i> , 2022, 11, 3495.	2.4	2
61	Effect of electromagnetic field accompanying the magnetic resonance imaging on human heart rate variability – A pilot study. <i>International Journal of Injury Control and Safety Promotion</i> , 2018, 25, 229-231.	2.0	1
62	A Cross-Talk between the Erythrocyte L-Arginine/ADMA/Nitric Oxide Metabolic Pathway and the Endothelial Function in Subjects with Type 2 Diabetes Mellitus. <i>Nutrients</i> , 2021, 13, 2306.	4.1	1
63	Novel Approaches in Diagnosing the Role of Inflammation in the Onset Cardiovascular Disorders. <i>Mediators of Inflammation</i> , 2018, 2018, 1-2.	3.0	0
64	Single Centre Evaluation of Endocrine Complications in Children Treated with Auto- and Allo-Haematopoietic Stem Cell Transplantation (HSCT). <i>Blood</i> , 2006, 108, 5331-5331.	1.4	0
65	Leukemia, Solid Tumors and Methylarginines: Is There Any Relation?. <i>Blood</i> , 2008, 112, 5471-5471.	1.4	0
66	Endogenous Nitric Oxide Synthesis Inhibitor Asymmetrical Dimethyl-L-Arginine (ADMA) and Neoplasms in Children. <i>Blood</i> , 2008, 112, 5469-5469.	1.4	0
67	Muscular exertion in selected cardiovascular disorders. <i>Nursing and Public Health</i> , 2019, 9, 57-61.	0.2	0
68	Changes in the Plasma and Platelet Nitric Oxide Biotransformation Metabolites during Ischemic Stroke – A Dynamic Human LC/MS Metabolomic Study. <i>Antioxidants</i> , 2022, 11, 955.	5.1	0