

Tomasz Guzik

List of Publications by Year in descending order

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Version: 2024-02-01

262
papers

23,081
citations

12303

69
h-index

8835

145
g-index

267
all docs

267
docs citations

267
times ranked

27445
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the T cell in the genesis of angiotensin II-induced hypertension and vascular dysfunction. <i>Journal of Experimental Medicine</i> , 2007, 204, 2449-2460.	4.2	1,468
2	ESC Guidelines on the diagnosis and treatment of peripheral artery diseases: Document covering atherosclerotic disease of extracranial carotid and vertebral, mesenteric, renal, upper and lower extremity arteries * The Task Force on the Diagnosis and Treatment of Peripheral Artery Diseases of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2011, 32, 2851-2906.	1.0	1,394
3	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. <i>Cardiovascular Research</i> , 2020, 116, 1666-1687.	1.8	1,074
4	Diabetes, Hypertension, and Cardiovascular Disease: Clinical Insights and Vascular Mechanisms. <i>Canadian Journal of Cardiology</i> , 2018, 34, 575-584.	0.8	945
5	Mechanisms of Increased Vascular Superoxide Production in Human Diabetes Mellitus. <i>Circulation</i> , 2002, 105, 1656-1662.	1.6	915
6	Nitric oxide and superoxide in inflammation and immune regulation. <i>Journal of Physiology and Pharmacology</i> , 2003, 54, 469-87.	1.1	742
7	Inflammation, Immunity, and Hypertension. <i>Hypertension</i> , 2011, 57, 132-140.	1.3	718
8	Interleukin 17 Promotes Angiotensin II-Induced Hypertension and Vascular Dysfunction. <i>Hypertension</i> , 2010, 55, 500-507.	1.3	662
9	Regulation of T-cell function by endogenously produced angiotensin II. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R208-R216.	0.9	539
10	Oxidative Stress, Inflammation, and Vascular Aging in Hypertension. <i>Hypertension</i> , 2017, 70, 660-667.	1.3	453
11	Vascular Superoxide Production by NAD(P)H Oxidase. <i>Circulation Research</i> , 2000, 86, E85-90.	2.0	434
12	Rivaroxaban with or without aspirin in patients with stable coronary artery disease: an international, randomised, double-blind, placebo-controlled trial. <i>Lancet</i> , The, 2018, 391, 205-218.	6.3	426
13	DC isoketal-modified proteins activate T cells and promote hypertension. <i>Journal of Clinical Investigation</i> , 2014, 124, 4642-4656.	3.9	400
14	NADPH Oxidases in Vascular Pathology. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2794-2814.	2.5	370
15	A Myocardial Nox2 Containing NAD(P)H Oxidase Contributes to Oxidative Stress in Human Atrial Fibrillation. <i>Circulation Research</i> , 2005, 97, 629-636.	2.0	367
16	Endothelial dysfunction in COVID-19: a position paper of the ESC Working Group for Atherosclerosis and Vascular Biology, and the ESC Council of Basic Cardiovascular Science. <i>Cardiovascular Research</i> , 2020, 116, 2177-2184.	1.8	331
17	The role of infiltrating immune cells in dysfunctional adipose tissue. <i>Cardiovascular Research</i> , 2017, 113, 1009-1023.	1.8	302
18	Adipocytokines - novel link between inflammation and vascular function?. <i>Journal of Physiology and Pharmacology</i> , 2006, 57, 505-28.	1.1	291

#	ARTICLE	IF	CITATIONS
19	Hypertension, the renin-angiotensin system, and the risk of lower respiratory tract infections and lung injury: implications for COVID-19. <i>Cardiovascular Research</i> , 2020, 116, 1688-1699.	1.8	282
20	Immune mechanisms of hypertension. <i>Nature Reviews Immunology</i> , 2019, 19, 517-532.	10.6	281
21	Tetrahydrobiopterin-dependent preservation of nitric oxide-mediated endothelial function in diabetes by targeted transgenic GTP-cyclohydrolase I overexpression. <i>Journal of Clinical Investigation</i> , 2003, 112, 725-735.	3.9	281
22	Central and Peripheral Mechanisms of T-Lymphocyte Activation and Vascular Inflammation Produced by Angiotensin II-Induced Hypertension. <i>Circulation Research</i> , 2010, 107, 263-270.	2.0	280
23	Shear Stress Insensitivity of Endothelial Nitric Oxide Synthase Expression as a Genetic Risk Factor for Coronary Heart Disease. <i>Circulation Research</i> , 2004, 95, 841-847.	2.0	279
24	Perivascular adipose tissue inflammation in vascular disease. <i>British Journal of Pharmacology</i> , 2017, 174, 3496-3513.	2.7	251
25	Calcium-Dependent NOX5 Nicotinamide Adenine Dinucleotide Phosphate Oxidase Contributes to Vascular Oxidative Stress in Human Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1803-1809.	1.2	249
26	Inhibition and Genetic Ablation of the B7/CD28 T-Cell Costimulation Axis Prevents Experimental Hypertension. <i>Circulation</i> , 2010, 122, 2529-2537.	1.6	249
27	Coronary Artery Superoxide Production and Nox Isoform Expression in Human Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 333-339.	1.1	245
28	Nitric Oxide Modulates Superoxide Release and Peroxynitrite Formation in Human Blood Vessels. <i>Hypertension</i> , 2002, 39, 1088-1094.	1.3	225
29	Functional Effect of the C242T Polymorphism in the NAD(P)H Oxidase p22phox Gene on Vascular Superoxide Production in Atherosclerosis. <i>Circulation</i> , 2000, 102, 1744-1747.	1.6	223
30	Targeting NADPH oxidases in vascular pharmacology. <i>Vascular Pharmacology</i> , 2012, 56, 216-231.	1.0	204
31	Periodontitis is associated with hypertension: a systematic review and meta-analysis. <i>Cardiovascular Research</i> , 2020, 116, 28-39.	1.8	200
32	Vascular NADPH oxidases as drug targets for novel antioxidant strategies. <i>Drug Discovery Today</i> , 2006, 11, 524-533.	3.2	199
33	Rapid, Direct Effects of Statin Treatment on Arterial Redox State and Nitric Oxide Bioavailability in Human Atherosclerosis via Tetrahydrobiopterin-Mediated Endothelial Nitric Oxide Synthase Coupling. <i>Circulation</i> , 2011, 124, 335-345.	1.6	191
34	Activation of Human T Cells in Hypertension. <i>Hypertension</i> , 2016, 68, 123-132.	1.3	191
35	Oxidative stress and inflammatory markers in prediabetes and diabetes. <i>Journal of Physiology and Pharmacology</i> , 2019, 70, .	1.1	186
36	Obligatory Role for B Cells in the Development of Angiotensin II-Dependent Hypertension. <i>Hypertension</i> , 2015, 66, 1023-1033.	1.3	185

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37	Role of chemokine RANTES in the regulation of perivascular inflammation, T cell accumulation, and vascular dysfunction in hypertension. <i>FASEB Journal</i> , 2016, 30, 1987-1999.	0.2	185
38	Novel methodologies for biomarker discovery in atherosclerosis. <i>European Heart Journal</i> , 2015, 36, 2635-2642.	1.0	174
39	Causal association between periodontitis and hypertension: evidence from Mendelian randomization and a randomized controlled trial of non-surgical periodontal therapy. <i>European Heart Journal</i> , 2019, 40, 3459-3470.	1.0	172
40	Endothelial function in cardiovascular medicine: a consensus paper of the European Society of Cardiology Working Groups on Atherosclerosis and Vascular Biology, Aorta and Peripheral Vascular Diseases, Coronary Pathophysiology and Microcirculation, and Thrombosis. <i>Cardiovascular Research</i> , 2021, 117, 29-42.	1.8	164
41	Induction of Hypertension and Peripheral Inflammation by Reduction of Extracellular Superoxide Dismutase in the Central Nervous System. <i>Hypertension</i> , 2010, 55, 277-283.	1.3	154
42	Smooth Muscle Cells in Human Atherosclerotic Plaques Express the Fractalkine Receptor CX3CR1 and Undergo Chemotaxis to the CX3C Chemokine Fractalkine (CX3CL1). <i>Circulation</i> , 2003, 108, 2498-2504.	1.6	137
43	Rationale, Design and Baseline Characteristics of Participants in the Cardiovascular Outcomes for People Using Anticoagulation Strategies (COMPASS) Trial. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1027-1035.	0.8	133
44	Immune cells as targets for cardioprotection: new players and novel therapeutic opportunities. <i>Cardiovascular Research</i> , 2019, 115, 1117-1130.	1.8	125
45	White Blood Cells and Blood Pressure. <i>Circulation</i> , 2020, 141, 1307-1317.	1.6	125
46	Persistent skin colonization with <i>Staphylococcus aureus</i> in atopic dermatitis: relationship to clinical and immunological parameters. <i>Clinical and Experimental Allergy</i> , 2005, 35, 448-455.	1.4	123
47	Hypertension and increased endothelial mechanical stretch promote monocyte differentiation and activation: roles of STAT3, interleukin 6 and hydrogen peroxide. <i>Cardiovascular Research</i> , 2018, 114, 1547-1563.	1.8	121
48	Systemic Regulation of Vascular NAD(P)H Oxidase Activity and Nox Isoform Expression in Human Arteries and Veins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1614-1620.	1.1	120
49	Perivascular adipose tissue as a messenger of the brain-vessel axis: role in vascular inflammation and dysfunction. <i>Journal of Physiology and Pharmacology</i> , 2007, 58, 591-610.	1.1	118
50	Role and analysis of monocyte subsets in cardiovascular disease. <i>Thrombosis and Haemostasis</i> , 2016, 116, 626-637.	1.8	113
51	ESC guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 2 – care pathways, treatment, and follow-up. <i>European Heart Journal</i> , 2022, 43, 1059-1103.	1.0	111
52	Mechanisms of superoxide production in human blood vessels: relationship to endothelial dysfunction, clinical and genetic risk factors. <i>Journal of Physiology and Pharmacology</i> , 2002, 53, 515-24.	1.1	110
53	M2 macrophage accumulation in the aortic wall during angiotensin II infusion in mice is associated with fibrosis, elastin loss, and elevated blood pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H906-H917.	1.5	109
54	Loss of Extracellular Superoxide Dismutase Leads to Acute Lung Damage in the Presence of Ambient Air. <i>American Journal of Pathology</i> , 2008, 173, 915-926.	1.9	108

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55	Mechanisms of oxidative stress in human aortic aneurysms – Association with clinical risk factors for atherosclerosis and disease severity. <i>International Journal of Cardiology</i> , 2013, 168, 2389-2396.	0.8	108
56	Oxidative stress and hypertension. <i>Journal of the American Society of Hypertension</i> , 2007, 1, 30-44.	2.3	97
57	Significance of sphingosine-1-phosphate in cardiovascular physiology and pathology. <i>Pharmacological Research</i> , 2020, 156, 104793.	3.1	97
58	Anti-atherosclerotic effect of the angiotensin 1-7 mimetic AVE0991 is mediated by inhibition of perivascular and plaque inflammation in early atherosclerosis. <i>British Journal of Pharmacology</i> , 2017, 174, 4055-4069.	2.7	94
59	Hypertension: Focus on autoimmunity and oxidative stress. <i>Free Radical Biology and Medicine</i> , 2018, 125, 104-115.	1.3	91
60	Nitric Oxide Synthase (nNOS) Gene Transfer Modifies Venous Bypass Graft Remodeling. <i>Circulation</i> , 2001, 104, 1526-1532.	1.6	89
61	Inhibition of five lipoxygenase activating protein (FLAP) by MK-886 decreases atherosclerosis in apoE/LDLR-double knockout mice. <i>European Journal of Clinical Investigation</i> , 2006, 36, 141-146.	1.7	88
62	Role of the Multidrug Resistance Protein-1 in Hypertension and Vascular Dysfunction Caused by Angiotensin II. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 762-768.	1.1	86
63	Neuroimmune cardiovascular interfaces control atherosclerosis. <i>Nature</i> , 2022, 605, 152-159.	13.7	86
64	GCH1 Haplotype Determines Vascular and Plasma Biopterin Availability in Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2008, 52, 158-165.	1.2	83
65	Enhanced Superoxide Production in Experimental Venous Bypass Graft Intimal Hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 189-194.	1.1	82
66	European Society of Cardiology guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 1 – epidemiology, pathophysiology, and diagnosis. <i>European Heart Journal</i> , 2022, 43, 1033-1058.	1.0	80
67	Prolactin – not only lactotrophin. A "new" view of the "old" hormone. <i>Journal of Physiology and Pharmacology</i> , 2012, 63, 435-43.	1.1	79
68	Chanzyme TRPM7 protects against cardiovascular inflammation and fibrosis. <i>Cardiovascular Research</i> , 2020, 116, 721-735.	1.8	78
69	Comparative efficacies and durations of action of phenoxybenzamine, verapamil/nitroglycerin solution, and papaverine as topical antispasmodics for radial artery coronary bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 1798-1805.	0.4	73
70	Is hypertension an immunologic disease?. <i>Current Cardiology Reports</i> , 2008, 10, 464-469.	1.3	72
71	Adaptive Immunity in Hypertension. <i>Current Hypertension Reports</i> , 2019, 21, 68.	1.5	71
72	Ghrelin Inhibits Vascular Superoxide Production in Spontaneously Hypertensive Rats. <i>American Journal of Hypertension</i> , 2006, 19, 764-767.	1.0	70

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73	PoLA/CFPI/PCS Guidelines for the Management of Dyslipidaemias for Family Physicians 2016. Archives of Medical Science, 2017, 1, 1-45.	0.4	70
74	Role of inflammatory chemokines in hypertension. , 2021, 223, 107799.		70
75	Effects of Interleukin-1 ^β Inhibition on Blood Pressure, Incident Hypertension, and Residual Inflammatory Risk. Hypertension, 2020, 75, 477-482.	1.3	69
76	Relationship between the G894T polymorphism (Glu298Asp variant) in endothelial nitric oxide synthase and nitric oxide-mediated endothelial function in human atherosclerosis. American Journal of Medical Genetics Part A, 2001, 100, 130-137.	2.4	64
77	Epigenetics and Immunometabolism in Diabetes and Aging. Antioxidants and Redox Signaling, 2018, 29, 257-274.	2.5	63
78	T-Cell-Derived miRNA-214 Mediates Perivascular Fibrosis in Hypertension. Circulation Research, 2020, 126, 988-1003.	2.0	59
79	CD14 ⁺ CD16 ⁺⁺ "nonclassical" monocytes are associated with endothelial dysfunction in patients with coronary artery disease. Thrombosis and Haemostasis, 2017, 117, 971-980.	1.8	58
80	<i>In vivo</i> multiplex molecular imaging of vascular inflammation using surface-enhanced Raman spectroscopy. Theranostics, 2018, 8, 6195-6209.	4.6	56
81	Novel Immune Mechanisms in Hypertension and Cardiovascular Risk. Current Cardiovascular Risk Reports, 2017, 11, 12.	0.8	55
82	Why do some asthma patients respond poorly to glucocorticoid therapy?. Pharmacological Research, 2020, 160, 105189.	3.1	53
83	Plasma Asymmetric Dimethylarginine (ADMA) Is Associated With Retinopathy in Type 2 Diabetes. Diabetes Care, 2007, 30, 2899-2901.	4.3	52
84	High Fat Diet Attenuates the Anticontractile Activity of Aortic PVAT via a Mechanism Involving AMPK and Reduced Adiponectin Secretion. Frontiers in Physiology, 2018, 9, 51.	1.3	51
85	Retinopathy in type 2 diabetes mellitus is associated with increased intima-media thickness and endothelial dysfunction. European Journal of Clinical Investigation, 2008, 38, 925-930.	1.7	47
86	Do we know enough about the immune pathogenesis of acute coronary syndromes to improve clinical practice?. Thrombosis and Haemostasis, 2012, 108, 443-456.	1.8	46
87	The pathogenic role of coronary microvascular dysfunction in the setting of other cardiac or systemic conditions. Cardiovascular Research, 2020, 116, 817-828.	1.8	46
88	T Cells Are Dominant Population in Human Abdominal Aortic Aneurysms and Their Infiltration in the Perivascular Tissue Correlates With Disease Severity. Frontiers in Immunology, 2019, 10, 1979.	2.2	45
89	Effects of novel plant antioxidants on platelet superoxide production and aggregation in atherosclerosis. Journal of Physiology and Pharmacology, 2006, 57, 611-26.	1.1	45
90	Periodontitis and Hypertension: Is the Association Causal?. High Blood Pressure and Cardiovascular Prevention, 2020, 27, 281-289.	1.0	44

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91	Minimally invasive saphenous vein harvesting: effects on endothelial and smooth muscle function. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1503-1507.	0.7	41
92	Hypertension and renin-angiotensin system blockers are not associated with expression of angiotensin-converting enzyme 2 (ACE2) in the kidney. <i>European Heart Journal</i> , 2020, 41, 4580-4588.	1.0	41
93	Endothelial NF- κ B As a Mediator of Kidney Damage. <i>Circulation Research</i> , 2007, 101, 227-229.	2.0	40
94	Heterogeneity of peripheral blood monocytes, endothelial dysfunction and subclinical atherosclerosis in patients with systemic lupus erythematosus. <i>Lupus</i> , 2016, 25, 18-27.	0.8	40
95	Endothelial function assessment in atherosclerosis. Comparison of brachial artery flow-mediated vasodilation and peripheral arterial tonometry. <i>Polish Archives of Internal Medicine</i> , 2013, 123, 443-452.	0.3	40
96	NADPH Oxidases: Molecular Understanding Finally Reaching the Clinical Level?. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2365-2370.	2.5	39
97	Measurement of Vascular Reactive Oxygen Species Production by Chemiluminescence. , 2005, 108, 073-090.		37
98	Implications of Oral <i>Helicobacter pylori</i> for the Outcome of its Gastric Eradication Therapy. <i>Journal of Clinical Gastroenterology</i> , 2007, 41, 145-151.	1.1	37
99	Uncovering genetic mechanisms of hypertension through multi-omic analysis of the kidney. <i>Nature Genetics</i> , 2021, 53, 630-637.	9.4	37
100	Local inflammation is associated with aortic thrombus formation in abdominal aortic aneurysms. <i>Thrombosis and Haemostasis</i> , 2012, 108, 812-823.	1.8	36
101	Vascular transcriptome profiling identifies Sphingosine kinase 1 as a modulator of angiotensin II-induced vascular dysfunction. <i>Scientific Reports</i> , 2017, 7, 44131.	1.6	36
102	Human Y Chromosome Exerts Pleiotropic Effects on Susceptibility to Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2386-2401.	1.1	36
103	Th1-type immune responses to <i>Porphyromonas gingivalis</i> antigens exacerbate angiotensin II-dependent hypertension and vascular dysfunction. <i>British Journal of Pharmacology</i> , 2019, 176, 1922-1931.	2.7	35
104	Skeletonized vs Pedicled Internal Mammary Artery Graft Harvesting in Coronary Artery Bypass Surgery. <i>JAMA Cardiology</i> , 2021, 6, 1042.	3.0	35
105	Angiotensin-(1-7) receptor Mas agonist ameliorates progress of atherosclerosis in apoE-knockout mice. <i>Journal of Physiology and Pharmacology</i> , 2012, 63, 77-85.	1.1	34
106	Inside the heart of COVID-19. <i>Cardiovascular Research</i> , 2020, 116, e59-e61.	1.8	33
107	Binding of SARS-CoV-2 and angiotensin-converting enzyme 2: clinical implications. <i>Cardiovascular Research</i> , 2020, 116, e87-e89.	1.8	33
108	Active gingival inflammation is linked to hypertension. <i>Journal of Hypertension</i> , 2020, 38, 2018-2027.	0.3	32

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109	ESC guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 2 "care pathways, treatment, and follow-up. Cardiovascular Research, 2022, 118, 1618-1666.	1.8	32
110	Mortality Benefit of Rivaroxaban Plus Aspirin in Patients With Chronic Coronary or Peripheral Artery Disease. Journal of the American College of Cardiology, 2021, 78, 14-23.	1.2	31
111	The aorta can act as a site of naïve CD4+ T-cell priming. Cardiovascular Research, 2019, 116, 306-316.	1.8	30
112	Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC Working Group on Myocardial Function and the ESC Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2022, 118, 3016-3051.	1.8	30
113	Immune System and Microvascular Remodeling in Humans. Hypertension, 2022, 79, 691-705.	1.3	30
114	Blood Monocyte Heterogeneity and Markers of Endothelial Activation in Ankylosing Spondylitis. Journal of Rheumatology, 2014, 41, 481-489.	1.0	29
115	Medical Misinformation. Circulation, 2019, 139, 571-572.	1.6	29
116	A call to action for new global approaches to cardiovascular disease drug solutions. European Heart Journal, 2021, 42, 1464-1475.	1.0	29
117	Novel Therapeutic Approaches in Limiting Oxidative Stress and Inflammation. Current Pharmaceutical Biotechnology, 2012, 13, 2456-2466.	0.9	29
118	Management of familial heterozygous hypercholesterolemia: Position Paper of the Polish Lipid Expert Forum. Journal of Clinical Lipidology, 2013, 7, 217-221.	0.6	28
119	Superoxide dismutase activity and expression in human venous and arterial bypass graft vessels. Journal of Physiology and Pharmacology, 2005, 56, 313-23.	1.1	28
120	Elevated markers of inflammation and endothelial activation and increased counts of intermediate monocytes in adult survivors of childhood acute lymphoblastic leukemia. Immunobiology, 2013, 218, 810-816.	0.8	27
121	Pleiotropic actions of factor Xa inhibition in cardiovascular prevention: mechanistic insights and implications for anti-thrombotic treatment. Cardiovascular Research, 2021, 117, 2030-2044.	1.8	27
122	European Society of Cardiology guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 1 "epidemiology, pathophysiology, and diagnosis. Cardiovascular Research, 2022, 118, 1385-1412.	1.8	27
123	Comorbidity burden and clinical characteristics of patients with difficult-to-control rheumatoid arthritis. Clinical Rheumatology, 2019, 38, 2473-2481.	1.0	26
124	Central role of c-Src in NOX5- mediated redox signalling in vascular smooth muscle cells in human hypertension. Cardiovascular Research, 2022, 118, 1359-1373.	1.8	26
125	A Novel Triple-Cell Two-Dimensional Model to Study Immune-Vascular Interplay in Atherosclerosis. Frontiers in Immunology, 2019, 10, 849.	2.2	25
126	Therapeutic targeting of inflammation in hypertension: from novel mechanisms to translational perspective. Cardiovascular Research, 2021, 117, 2589-2609.	1.8	25

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127	Is systemic inflammation a missing link between periodontitis and hypertension? Results from two large population-based surveys. <i>Journal of Internal Medicine</i> , 2021, 289, 532-546.	2.7	24
128	Denture-Related Stomatitis Is Associated with Endothelial Dysfunction. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	23
129	Role of Tumor Necrosis Factor- α and Natural Killer Cells in Uterine Artery Function and Pregnancy Outcome in the Stroke-Prone Spontaneously Hypertensive Rat. <i>Hypertension</i> , 2016, 68, 1298-1307.	1.3	23
130	Progress in cardiac research: from rebooting cardiac regeneration to a complete cell atlas of the heart. <i>Cardiovascular Research</i> , 2021, 117, 2161-2174.	1.8	23
131	1,2,3,4,6-Penta-O-galloyl- α -D-glucose modulates perivascular inflammation and prevents vascular dysfunction in angiotensin II-induced hypertension. <i>British Journal of Pharmacology</i> , 2019, 176, 1951-1965.	2.7	22
132	Cytokines at the Interplay Between Asthma and Atherosclerosis?. <i>Frontiers in Pharmacology</i> , 2020, 11, 166.	1.6	22
133	Periodontal therapy and treatment of hypertension-alternative to the pharmacological approach. A systematic review and meta-analysis. <i>Pharmacological Research</i> , 2021, 166, 105511.	3.1	22
134	IL-18 (Interleukin-18) Produced by Renal Tubular Epithelial Cells Promotes Renal Inflammation and Injury During Deoxycorticosterone/Salt-Induced Hypertension in Mice. <i>Hypertension</i> , 2021, 78, 1296-1309.	1.3	22
135	Chemokine RANTES is increased at early stages of coronary artery disease. <i>Journal of Physiology and Pharmacology</i> , 2016, 67, 321-8.	1.1	22
136	NO and PGI2 in coronary endothelial dysfunction in transgenic mice with dilated cardiomyopathy. <i>Basic Research in Cardiology</i> , 2008, 103, 417-430.	2.5	21
137	Blood Monocyte Subsets and Selected Cardiovascular Risk Markers in Rheumatoid Arthritis of Short Duration in relation to Disease Activity. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	20
138	Nox1/4 inhibition exacerbates age dependent perivascular inflammation and fibrosis in a model of spontaneous hypertension. <i>Pharmacological Research</i> , 2020, 161, 105235.	3.1	19
139	Markers of Thrombogenesis and Fibrinolysis and Their Relation to Inflammation and Endothelial Activation in Patients with Idiopathic Pulmonary Arterial Hypertension. <i>PLoS ONE</i> , 2013, 8, e82628.	1.1	19
140	Microvascular dysfunction in ankylosing spondylitis is associated with disease activity and is improved by anti-TNF treatment. <i>Scientific Reports</i> , 2018, 8, 13205.	1.6	18
141	Cardiovascular and Renal Risk Factors and Complications Associated With COVID-19. <i>CJC Open</i> , 2021, 3, 1257-1272.	0.7	18
142	A Call to Action for New Global Approaches to Cardiovascular Disease Drug Solutions. <i>Circulation</i> , 2021, 144, 159-169.	1.6	18
143	Cardio-oncology: a novel platform for basic and translational cardiovascular investigation driven by clinical need. <i>Cardiovascular Research</i> , 2019, 115, 819-823.	1.8	17
144	Contributions of obesity to kidney health and disease: insights from Mendelian randomization and the human kidney transcriptomics. <i>Cardiovascular Research</i> , 2022, 118, 3151-3161.	1.8	17

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145	In Search of the T Cell Involved in Hypertension and Target Organ Damage. <i>Hypertension</i> , 2014, 64, 224-226.	1.3	16
146	Oleacein and Foam Cell Formation in Human Monocyte-Derived Macrophages: A Potential Strategy against Early and Advanced Atherosclerotic Lesions. <i>Pharmaceuticals</i> , 2020, 13, 64.	1.7	15
147	Efficacy and safety of rivaroxaban plus aspirin in women and men with chronic coronary or peripheral artery disease. <i>Cardiovascular Research</i> , 2021, 117, 942-949.	1.8	15
148	Low-grade chronic inflammation and immune alterations in childhood and adolescent cancer survivors: A contribution to accelerated aging?. <i>Cancer Medicine</i> , 2021, 10, 1772-1782.	1.3	15
149	Mechanisms of increased vascular superoxide production in human varicose veins. <i>Polish Archives of Internal Medicine</i> , 2011, 121, 279-286.	0.3	15
150	Urinary leukotriene levels are increased during exacerbation of atopic eczema/dermatitis syndrome. Relation to clinical status. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 732-736.	2.7	14
151	Characterization of the impairment of the uptake of apoptotic polymorphonuclear cells by monocyte subpopulations in systemic lupus erythematosus. <i>Lupus</i> , 2014, 23, 1358-1369.	0.8	14
152	Treatment of denture-related stomatitis improves endothelial function assessed by flow-mediated vascular dilation. <i>Archives of Medical Science</i> , 2017, 1, 66-74.	0.4	14
153	Current progress in clinical, molecular, and genetic aspects of adult fibromuscular dysplasia. <i>Cardiovascular Research</i> , 2022, 118, 65-83.	1.8	14
154	MMP-2 knockdown blunts age-dependent carotid stiffness by decreasing elastin degradation and augmenting eNOS activation. <i>Cardiovascular Research</i> , 2022, 118, 2385-2396.	1.8	14
155	UltraRapid Communications. <i>Circulation Research</i> , 2000, 86, 1008-1008.	2.0	13
156	When, where, and how to target vascular inflammation in the post-CANTOS era?. <i>European Heart Journal</i> , 2019, 40, 2492-2494.	1.0	13
157	From Rags to Riches. <i>Hypertension</i> , 2020, 75, 930-934.	1.3	13
158	Nanoparticle theranostics in cardiovascular inflammation. <i>Seminars in Immunology</i> , 2021, 56, 101536.	2.7	13
159	Intima-media thickness and endothelial dysfunction in GCK and HNF1A-MODY patients. <i>European Journal of Endocrinology</i> , 2015, 172, 277-283.	1.9	12
160	GTP Cyclohydrolase I Gene Polymorphisms Are Associated with Endothelial Dysfunction and Oxidative Stress in Patients with Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2014, 9, e108587.	1.1	11
161	Cardiovascular Research: new challenges and new horizons. <i>Cardiovascular Research</i> , 2018, 114, 1-2.	1.8	11
162	Higher levels of circulating naïve CD8+CD45RA+ cells are associated with lower extent of coronary atherosclerosis and vascular dysfunction. <i>International Journal of Cardiology</i> , 2018, 259, 26-30.	0.8	11

#	ARTICLE	IF	CITATIONS
163	Involvement of CD8+ T cell subsets in early response to vascular injury in patients with peripheral artery disease in vivo. <i>Clinical Immunology</i> , 2018, 194, 26-33.	1.4	11
164	Rivaroxaban Plus Aspirin in Obese and Overweight Patients With Vascular Disease in the COMPASS Trial. <i>Journal of the American College of Cardiology</i> , 2021, 77, 511-525.	1.2	11
165	Macrophages come to mind as keys to cognitive decline. <i>Journal of Clinical Investigation</i> , 2016, 126, 4393-4395.	3.9	11
166	Mechanisms of increased vascular superoxide production in human varicose veins. , 2011, 121, 279-86.		11
167	Breast cancer chemotherapy induces vascular dysfunction and hypertension through a NOX4-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	11
168	Kidney omics in hypertension: from statistical associations to biological mechanisms and clinical applications. <i>Kidney International</i> , 2022, 102, 492-505.	2.6	11
169	Thermographic imaging as alternative method in allergy diagnosis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1163-1170.	2.0	10
170	What matters in Cardiovascular Research? Scientific discovery driving clinical delivery. <i>Cardiovascular Research</i> , 2018, 114, 1565-1568.	1.8	10
171	Malignant hypertension: new aspects of an old clinical entity. <i>Polish Archives of Internal Medicine</i> , 2015, 126, 86-93.	0.3	10
172	Systemic administration of glucocorticoids, cardiovascular complications and mortality in patients hospitalised with COVID-19, SARS, MERS or influenza: A systematic review and meta-analysis of randomised trials. <i>Pharmacological Research</i> , 2022, 176, 106053.	3.1	10
173	Studies of the T-Cell Angiotensin Receptor Using Cre-Lox Technology. <i>Circulation Research</i> , 2012, 110, 1543-1545.	2.0	9
174	High Leukocyte Count and Risk of Poor Outcome After Subarachnoid Hemorrhage: A Meta-Analysis. <i>World Neurosurgery</i> , 2020, 135, e541-e547.	0.7	9
175	Changes in Exercise Capacity and Cardiac Performance in a Series of Patients with Eisenmenger's Syndrome Transitioned from Selective to Dual Endothelin Receptor Antagonist. <i>Heart Lung and Circulation</i> , 2012, 21, 671-678.	0.2	8
176	Age determines response to anti-TNF α treatment in patients with ankylosing spondylitis and is related to TNF α -producing CD8 cells. <i>Clinical Rheumatology</i> , 2018, 37, 1597-1604.	1.0	8
177	22-Year-old patient with malignant hypertension associated with primary aldosteronism. <i>Journal of Human Hypertension</i> , 2013, 27, 138-140.	1.0	7
178	Systemic T Cells and Monocyte Characteristics in Patients with Denture Stomatitis. <i>Journal of Prosthodontics</i> , 2017, 26, 19-28.	1.7	7
179	Linking noise to cardiovascular disease pathogenesis. <i>European Heart Journal</i> , 2017, 38, 2850-2852.	1.0	7
180	The evolution of Cardiovascular Research Onlife: online and on demand. <i>Cardiovascular Research</i> , 2018, 114, e9-e9.	1.8	7

#	ARTICLE	IF	CITATIONS
181	Plan S: in Service or Disservice to Society?. <i>European Heart Journal</i> , 2019, 40, 949-952.	1.0	7
182	Echocardiography Predictors of Survival in Hypertensive Patients With Left Ventricular Hypertrophy. <i>American Journal of Hypertension</i> , 2021, 34, 636-644.	1.0	7
183	Selective Inhibition of the C-Domain of ACE (Angiotensin-Converting Enzyme) Combined With Inhibition of NEP (Nepriylsin): A Potential New Therapy for Hypertension. <i>Hypertension</i> , 2021, 78, 604-616.	1.3	7
184	How can the results of the COMPASS trial benefit patients with coronary or peripheral artery disease in Poland?. <i>Kardiologia Polska</i> , 2019, 77, 661-669.	0.3	7
185	Thermographic assessment of skin prick tests in comparison with the routine evaluation methods. <i>Postepy Dermatologii I Alergologii</i> , 2016, 3, 193-198.	0.4	6
186	Natural killer cells in placentation and cancer: Implications for hypertension during pregnancy. <i>Placenta</i> , 2017, 56, 59-64.	0.7	6
187	Impact of acute total occlusion of the culprit artery on outcome in NSTEMI based on the results of a large national registry. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 297.	0.7	6
188	Endothelial dysfunction is independent of inflammation and altered CCR7 T cell expression in patients with ankylosing spondylitis. <i>Clinical and Experimental Rheumatology</i> , 2017, 35, 844-849.	0.4	6
189	Long-Term Treatment with the Combination of Rivaroxaban and Aspirin in Patients with Chronic Coronary or Peripheral Artery Disease: Outcomes During the Open Label Extension of the COMPASS trial. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2022, 8, 786-795.	1.4	6
190	Molecular imaging of cardiovascular inflammation. <i>British Journal of Pharmacology</i> , 2021, 178, 4216-4245.	2.7	5
191	Access to dental care and blood pressure profiles in adults with high socioeconomic status. <i>Journal of Periodontology</i> , 2021, , .	1.7	5
192	Leaders in Cardiovascular Research: Stefanie Dimmeler. <i>Cardiovascular Research</i> , 2020, 116, e202-e204.	1.8	5
193	âœRadicalâœLink Between Chronic Obstructive Pulmonary Disease and Cardiovascular Disease?. <i>Hypertension</i> , 2014, 63, 444-446.	1.3	4
194	Pushing the frontiers of cardiovascular biology. <i>Cardiovascular Research</i> , 2018, 114, e22-e22.	1.8	4
195	High impact Cardiovascular Research: beyond the heart and vessels. <i>Cardiovascular Research</i> , 2019, 115, e166-e171.	1.8	4
196	E-vaporating benefits of e-vaping. <i>European Heart Journal</i> , 2020, 41, 2484-2486.	1.0	4
197	The year in basic vascular biology research: from mechanoreceptors and neutrophil extracellular traps to smartphone data and omics. <i>Cardiovascular Research</i> , 2021, 117, 1814-1822.	1.8	4
198	Nitric oxide metabolite levels in children and adult patients with atopic eczema/dermatitis syndrome. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 856-856.	2.7	3

#	ARTICLE	IF	CITATIONS
199	Case of Asymptomatic Carotid Artery Stenosis in a Hypertensive Patient. <i>Hypertension</i> , 2017, 69, 985-991.	1.3	3
200	New heights and hot topics in Cardiovascular Research. <i>Cardiovascular Research</i> , 2018, 114, e114-e119.	1.8	3
201	Monocytes Making Way for T-Cell Vascular Infiltration. <i>Circulation Research</i> , 2018, 123, 638-640.	2.0	3
202	Medical misinformation: vet the message!. <i>Cardiovascular Research</i> , 2019, , .	1.8	3
203	Plan S: In service or disservice to society?. <i>British Journal of Pharmacology</i> , 2019, 176, 753-756.	2.7	3
204	Medical misinformation: Vet the message!. <i>Heart Rhythm</i> , 2019, 16, 332-333.	0.3	3
205	Picking up the pace: another record high impact factor for Cardiovascular Research. <i>Cardiovascular Research</i> , 2020, 116, e165-e168.	1.8	3
206	Cardiovascular Research at the frontier of biomedical science. <i>Cardiovascular Research</i> , 2020, 116, e83-e86.	1.8	3
207	Immune spleen cells attenuate the inflammatory profile of the mesenteric perivascular adipose tissue in obese mice. <i>Scientific Reports</i> , 2021, 11, 11153.	1.6	3
208	IL-15 and IL-7: keys to dysregulated inflammation in acute coronary syndromes. <i>Cardiovascular Research</i> , 2021, 117, 1806-1808.	1.8	3
209	Periodontitis as an inflammatory trigger in hypertension: From basic immunology to clinical implications. <i>Kardiologia Polska</i> , 2021, 79, 1206-1214.	0.3	3
210	Rationale and Design for the LOnger-term effects of SARS-CoV-2 INfection on blood Vessels And blood pRessure (LOCHINVAR): an observational phenotyping study. <i>Open Heart</i> , 2022, 9, e002057.	0.9	3
211	Letter to the Editor Inflammatory aortic abdominal aneurysm â€“ immunophenotypic characterization of inflammatory infiltrate. <i>Archives of Medical Science</i> , 2014, 6, 1258-1262.	0.4	2
212	Leaders in Cardiovascular Research: Peter Libby. <i>Cardiovascular Research</i> , 2019, 115, e61-e62.	1.8	2
213	Response by Siedlinski et al to Letters Regarding Article, â€œWhite Blood Cells and Blood Pressure: A Mendelian Randomization Studyâ€. <i>Circulation</i> , 2020, 142, e191-e192.	1.6	2
214	The swan song of dying cells. <i>Cardiovascular Research</i> , 2020, 116, e90-e92.	1.8	2
215	Oxidative Stress as a Link between Cerebrocardiovascular and Psychiatric Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-2.	1.9	2
216	Mounting Pressure of Periodontitis. <i>Hypertension</i> , 2021, 78, 552-554.	1.3	2

#	ARTICLE	IF	CITATIONS
217	Diabetes enhances epicardial fat dysfunction. Polish Archives of Internal Medicine, 2019, 129, 733-734.	0.3	2
218	Functional Implications of Reactive Oxygen Species (ROS) in Human Blood Vessels. , 2014, , 1155-1176.		2
219	Angiogenesis, stem cells, eNOS and inflammation – the many faces of vascular biology. Thrombosis and Haemostasis, 2012, 108, 801-803.	1.8	1
220	Vessel wall – where coagulation meets cell biology and immunology. Thrombosis and Haemostasis, 2012, 108, 416-418.	1.8	1
221	Immune Mechanisms in Vascular Disease and Stroke. BioMed Research International, 2014, 2014, 1-2.	0.9	1
222	Heterogenous treatment effects: secrets for a reliable treat-to-target trial?. Cardiovascular Research, 2017, 113, e18-e20.	1.8	1
223	Medical Misinformation. Hypertension, 2019, 73, 506-507.	1.3	1
224	Medical misinformation: vet the message!. European Heart Journal Quality of Care & Clinical Outcomes, 2019, 5, 83-84.	1.8	1
225	Medical Misinformation. Circulation Genomic and Precision Medicine, 2019, 12, e002439.	1.6	1
226	Medical Misinformation. Journal of Cardiovascular Pharmacology, 2019, 73, 61-62.	0.8	1
227	Leaders in Cardiovascular Research: Salim Yusuf. Cardiovascular Research, 2020, 116, e26-e28.	1.8	1
228	Coronary microvascular dysfunction in Cardiovascular Research: Time to turn on the spotlight!. European Heart Journal, 2020, 41, 612-613.	1.0	1
229	Leaders in Cardiovascular Research: Joseph C. Wu. Cardiovascular Research, 2021, 117, e126-e128.	1.8	1
230	Dynamic sustainability, a look at the philosophy behind one of Spain’s flagship cardiovascular institutes, the CNIC. Cardiovascular Research, 2021, 117, e151-e155.	1.8	1
231	Polish Forum for Prevention Guidelines on Prophylactic Pharmacotherapy: update 2017. Kardiologia Polska, 2017, 75, 508-511.	0.3	1
232	Management of familial heterozygous hypercholesterolemia. Position paper of the Polish Lipid Expert Forum. Polish Archives of Internal Medicine, 2013, 123, 7-10.	0.3	1
233	Perivascular adipose tissue as the secret behind resistance to atherosclerosis exhibited by the human internal mammary artery. Kardiologia Polska, 2020, 78, 1194-1196.	0.3	1
234	Old, but gold? Not the case for the immune system when promoting systemic ageing. Cardiovascular Research, 2022, 118, e14-e16.	1.8	1

#	ARTICLE	IF	CITATIONS
235	Effects of controlled physical activity on immune cell phenotype in peripheral blood in prehypertension - studies in preclinical model and randomised crossover study. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, .	1.1	1
236	P2856 Predictors of survival in hypertensive patients with left ventricle hypertrophy. <i>European Heart Journal</i> , 2018, 39, .	1.0	0
237	Professor Charalambos Antoniades interviews Professor Tomasz Guzik, incoming Editor-in-Chief of <i>Cardiovascular Research</i> . <i>Cardiovascular Research</i> , 2018, 114, e10-e10.	1.8	0
238	P4783 Arterial elastance predicts survival in low risk hypertensive patients. <i>European Heart Journal</i> , 2018, 39, .	1.0	0
239	Leaders in Cardiovascular Research: Jeroen Bax. <i>Cardiovascular Research</i> , 2019, 115, e109-e110.	1.8	0
240	New Frontiers in Cardiovascular Research 2019. <i>European Heart Journal</i> , 2019, 40, 2931-2932.	1.0	0
241	Leaders in Cardiovascular Research: Thomas Lüscher. <i>Cardiovascular Research</i> , 2019, 115, e125-e126.	1.8	0
242	Medical misinformation: vet the message!. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2019, 5, 62-63.	1.4	0
243	Medical Misinformation. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008809.	1.3	0
244	Leaders in Cardiovascular Research: Barbara Casadei. <i>Cardiovascular Research</i> , 2019, 115, e17-e19.	1.8	0
245	Medical Misinformation. <i>Circulation: Heart Failure</i> , 2019, 12, e005869.	1.6	0
246	Medical Misinformation. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007796.	1.4	0
247	Medical Misinformation. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019, 12, e005496.	0.9	0
248	Leaders in Cardiovascular Research: Eric Olson. <i>Cardiovascular Research</i> , 2020, 116, e54-e55.	1.8	0
249	CardioScape-II: the need to map cardiovascular funding patterns in Europe. <i>Cardiovascular Research</i> , 2020, 116, 879-881.	1.8	0
250	Leaders in Cardiovascular Research: Filippo Crea. <i>Cardiovascular Research</i> , 2020, 116, e159-e161.	1.8	0
251	Leaders in Cardiovascular Research: Stephan Achenbach. <i>Cardiovascular Research</i> , 2020, 116, e143-e145.	1.8	0
252	Leaders in Cardiovascular Research: Valentin Fuster. <i>Cardiovascular Research</i> , 2020, 116, e62-e63.	1.8	0

#	ARTICLE	IF	CITATIONS
253	Reply. Journal of Hypertension, 2021, 39, 383.	0.3	0
254	BS25â€¦TAM receptor AXL loss regulates smooth muscle cell differentiation and accelerates atherosclerosis in mice. , 2021, , .		0
255	Reply. Journal of the American College of Cardiology, 2021, 77, 2757.	1.2	0
256	Leaders in Cardiovascular Research: Nilesh J. Samani. Cardiovascular Research, 2021, 117, e144-e146.	1.8	0
257	Importance of the chemokine RANTES in the development of angiotensin IIâ€¦induced hypertension and vascular dysfunction. FASEB Journal, 2008, 22, 1210.8.	0.2	0
258	Functional Studies of NADPH Oxidases in Human Vasculature. , 2010, , 149-167.		0
259	Medical Misinformation: Vet the Message!. Anatolian Journal of Cardiology, 2019, 21, 58-59.	0.5	0
260	Diagnostic and Therapeutic Targeting of Inflammation. , 2019, , 239-246.		0
261	Ekonomiczne uzasadnienie swobody sÄ™dziowskiej. Studia Iuridica Lublinensia, 2020, 29, 87.	0.2	0
262	COVID-19: The New Immune Challenge. Frontiers for Young Minds, 0, 8, .	0.8	0