

Cezary Watala

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170
papers

2,944
citations

26
h-index

44
g-index

179
ext. papers

3,314
ext. citations

4.6
avg, IF

5.19
L-index

#	Paper	IF	Citations
170	Interindividual variability in the response to oral antiplatelet drugs: a position paper of the Working Group on antiplatelet drugs resistance appointed by the Section of Cardiovascular Interventions of the Polish Cardiac Society, endorsed by the Working Group on Thrombosis of the European Society of Cardiology. <i>European Heart Journal</i> , 2009 , 30, 426-35	9.5	153
169	Reduced sensitivity of platelets from type 2 diabetic patients to acetylsalicylic acid (aspirin)-its relation to metabolic control. <i>Thrombosis Research</i> , 2004 , 113, 101-13	8.2	143
168	Comparison of PrestoBlue and MTT assays of cellular viability in the assessment of anti-proliferative effects of plant extracts on human endothelial cells. <i>Journal of Pharmacological and Toxicological Methods</i> , 2014 , 69, 9-16	1.7	121
167	The role of platelets in diabetes-related vascular complications. <i>Diabetes Research and Clinical Practice</i> , 2000 , 50, 1-16	7.4	93
166	PAMAM dendrimers: destined for success or doomed to fail? Plain and modified PAMAM dendrimers in the context of biomedical applications. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2-14	2.9	91
165	Increased protein glycation in diabetes mellitus is associated with decreased aspirin-mediated protein acetylation and reduced sensitivity of blood platelets to aspirin. <i>Journal of Molecular Medicine</i> , 2005 , 83, 148-58	5.5	89
164	Prognostic relevance of basal cytokeratin expression in operable breast cancer. <i>Oncology</i> , 2005 , 69, 478-36	3.5	83
163	Changes in fluidity and composition of erythrocyte membranes and in composition of plasma lipids in type I diabetes. <i>British Journal of Haematology</i> , 1986 , 62, 111-6	4.5	80
162	Molecular insights into the anticoagulant-induced spontaneous activation of platelets in whole blood-various anticoagulants are not equal. <i>Thrombosis Research</i> , 1996 , 83, 199-216	8.2	73
161	Decreased Platelet Membrane Fluidity Due to Glycation or Acetylation of Membrane Proteins. <i>Thrombosis and Haemostasis</i> , 1992 , 68, 577-582	7	70
160	Blood platelet reactivity and its pharmacological modulation in (people with) diabetes mellitus. <i>Current Pharmaceutical Design</i> , 2005 , 11, 2331-65	3.3	69
159	Resistance to aspirin in patients after coronary artery bypass grafting is transient: impact on the monitoring of aspirin antiplatelet therapy. <i>Therapeutic Drug Monitoring</i> , 2005 , 27, 484-90	3.2	48
158	1-Methylnicotinamide (MNA) prevents endothelial dysfunction in hypertriglyceridemic and diabetic rats. <i>Pharmacological Reports</i> , 2008 , 60, 127-38	3.9	46
157	Enhanced platelet-derived microparticle formation is associated with carotid atherosclerosis in convalescent stroke patients. <i>Platelets</i> , 2013 , 24, 63-70	3.6	45
156	Fat-soluble Vitamin Deficiencies and Inflammatory Bowel Disease: Systematic Review and Meta-Analysis. <i>Journal of Clinical Gastroenterology</i> , 2017 , 51, 878-889	3	40
155	Membrane Fluidity Is Related to the Extent of Glycation of Proteins, but not to Alterations in the Cholesterol to Phospholipid Molar Ratio in Isolated Platelet Membranes from Diabetic and Control Subjects. <i>Thrombosis and Haemostasis</i> , 1992 , 67, 567-571	7	39
154	Anti-diabetic effects of 1-methylnicotinamide (MNA) in streptozocin-induced diabetes in rats. <i>Pharmacological Reports</i> , 2009 , 61, 86-98	3.9	36

153	Limited usefulness of the PFA-100 for the monitoring of ADP receptor antagonists--in vitro experience. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004 , 42, 25-9	5.9	36
152	Cannabinoid Receptor Type 1 and mu-Opioid Receptor Polymorphisms Are Associated With Cyclic Vomiting Syndrome. <i>American Journal of Gastroenterology</i> , 2017 , 112, 933-939	0.7	32
151	Poly(amido)amine dendrimers generation 4.0 (PAMAM G4) reduce blood hyperglycaemia and restore impaired blood-brain barrier permeability in streptozotocin diabetes in rats. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 508-18	6.5	32
150	Platelet membrane lipid fluidity and intraplatelet calcium mobilization in type 2 diabetes mellitus. <i>European Journal of Haematology</i> , 1998 , 61, 319-26	3.8	30
149	Upregulation of CD40 ligand and enhanced monocyte-platelet aggregate formation are associated with worse clinical outcome after ischaemic stroke. <i>Thrombosis and Haemostasis</i> , 2012 , 107, 346-55	7	28
148	PAMAM G4 dendrimers lower high glucose but do not improve reduced survival in diabetic rats. <i>International Journal of Pharmaceutics</i> , 2008 , 364, 142-9	6.5	28
147	Effect of aspirin on conformation and dynamics of membrane proteins in platelets and erythrocytes. <i>Biochemical Pharmacology</i> , 1993 , 45, 1343-9	6	28
146	The Multiple Faces of C-Reactive Protein-Physiological and Pathophysiological Implications in Cardiovascular Disease. <i>Molecules</i> , 2019 , 24,	4.8	27
145	Increased blood plasma hydrolysis of acetylsalicylic acid in type 2 diabetic patients: a role of plasma esterases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006 , 1760, 207-15	4	27
144	Platelet activation and reactivity in the convalescent phase of ischaemic stroke. <i>Thrombosis and Haemostasis</i> , 2010 , 103, 644-50	7	26
143	Comparison of cytotoxic and anti-platelet activities of polyphenolic extracts from Arnica montana flowers and Juglans regia husks. <i>Platelets</i> , 2015 , 26, 168-76	3.6	25
142	Homocysteine is a novel risk factor for suboptimal response of blood platelets to acetylsalicylic acid in coronary artery disease: a randomized multicenter study. <i>Pharmacological Research</i> , 2013 , 74, 7-22	10.2	25
141	PAMAM dendrimers [D]iverse biomedical applications. Facts and unresolved questions. <i>Open Life Sciences</i> , 2009 , 4, 434-451	1.2	25
140	A new approach for the assessment of the toxicity of polyphenol-rich compounds with the use of high content screening analysis. <i>PLoS ONE</i> , 2017 , 12, e0180022	3.7	24
139	Release of calcium and P-selectin from intraplatelet granules is hampered by procaine. <i>Thrombosis Research</i> , 1999 , 94, 1-11	8.2	24
138	Direct evidence for the alterations in protein structure and conformation upon in vitro nonenzymatic glycosylation. <i>International Journal of Biochemistry & Cell Biology</i> , 1992 , 24, 1295-302		24
137	Elevated cholesterol reduces acetylsalicylic acid-mediated platelet acetylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007 , 1770, 1651-9	4	23
136	Is platelet aggregation a more important contributor than platelet adhesion to the overall platelet-related primary haemostasis measured by PFA-100?. <i>Thrombosis Research</i> , 2003 , 109, 299-306	8.2	22

135	Dual antiplatelet therapy with clopidogrel and aspirin increases mortality in 4T1 metastatic breast cancer-bearing mice by inducing vascular mimicry in primary tumour. <i>Oncotarget</i> , 2018 , 9, 17810-17824	3.3	22
134	Expression of VEGFA-regulating miRNAs and mortality in wet AMD. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 8464-8471	5.6	21
133	Acetylsalicylic acid is compounding to antiplatelet effect of C-reactive protein. <i>Thrombosis Research</i> , 2007 , 119, 209-16	8.2	21
132	High glucose contributes to aspirin insensitivity in streptozotocin-diabetic rats: a multiparametric aggregation study. <i>Blood Coagulation and Fibrinolysis</i> , 2006 , 17, 113-24	1	21
131	Multivariate relationships between international normalized ratio and vitamin K-dependent coagulation-derived parameters in normal healthy donors and oral anticoagulant therapy patients. <i>Thrombosis Journal</i> , 2003 , 1, 7	5.6	21
130	Effects of fibrinogen receptor antagonist GR144053F and aurintricarboxylic acid on platelet activation and degranulation. <i>Biochemical Pharmacology</i> , 2001 , 62, 1399-408	6	21
129	Differentiated reactivity of whole blood neonatal platelets to various agonists. <i>Platelets</i> , 2001 , 12, 99-107	7.6	21
128	Aspirin treatment influences platelet-related inflammatory biomarkers in healthy individuals but not in acute stroke patients. <i>Thrombosis Research</i> , 2011 , 128, e73-80	8.2	20
127	Oxidation of C-reactive protein by hypochlorous acid leads to the formation of potent platelet activator. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 2701-2714	7.9	18
126	Testosterone and dihydrotestosterone reduce platelet activation and reactivity in older men and women. <i>Aging</i> , 2018 , 10, 902-929	5.6	18
125	Pravastatin and simvastatin improves acetylsalicylic acid-mediated in vitro blood platelet inhibition. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 864-72	4.6	17
124	Xanthohumol from hop cones (<i>Humulus lupulus</i> L.) prevents ADP-induced platelet reactivity. <i>Archives of Physiology and Biochemistry</i> , 2017 , 123, 54-60	2.2	17
123	Reduced blood platelet sensitivity to aspirin in coronary artery disease: are dyslipidaemia and inflammatory states possible factors predisposing to sub-optimal platelet response to aspirin?. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2006 , 98, 503-9	3.1	17
122	The phospholipid composition of erythrocyte ghosts and plasma lipoproteins in diabetes type 1 in children. <i>Clinica Chimica Acta</i> , 1990 , 188, 211-9	6.2	17
121	Adenosine receptor agonists deepen the inhibition of platelet aggregation by P2Y antagonists. <i>Vascular Pharmacology</i> , 2019 , 113, 47-56	5.9	17
120	Genetic factors underlying differential blood platelet sensitivity to inhibitors. <i>Pharmacological Reports</i> , 2005 , 57, 1-13	3.9	17
119	How do the full-generation poly(amido)amine (PAMAM) dendrimers activate blood platelets? Activation of circulating platelets and formation of "fibrinogen aggregates" in the presence of polycations. <i>International Journal of Pharmaceutics</i> , 2016 , 503, 247-61	6.5	16
118	Platelet activation patterns are different in mouse models of diabetes and chronic inhibition of nitric oxide synthesis. <i>Thrombosis Research</i> , 2014 , 133, 1097-104	8.2	16

117	The Janus face of PAMAM dendrimers used to potentially cure nonenzymatic modifications of biomacromolecules in metabolic disorders-a critical review of the pros and cons. <i>Molecules</i> , 2013 , 18, 13769-811	4.8	16
116	The effect of a platelet cholesterol modulation on the acetylsalicylic acid-mediated blood platelet inhibition in hypercholesterolemic patients. <i>European Journal of Pharmacology</i> , 2011 , 658, 91-7	5.3	16
115	Aptamer inhibits degradation of platelet proteolytically activatable receptor, PAR-1, by thrombin. <i>Thrombosis Research</i> , 2001 , 104, 215-22	8.2	16
114	Hemolytic potency and phospholipase activity of some bee and wasp venoms. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1990 , 97, 187-94		16
113	Antibody binding, platelet adhesion, and protein adsorption on various polymer surfaces. <i>Blood Coagulation and Fibrinolysis</i> , 2014 , 25, 52-60	1	15
112	Can metabolic impairments in experimental diabetes be cured with poly(amido)amine (PAMAM) G4 dendrimers? In the search for minimizing of the adverse effects of PAMAM administration. <i>International Journal of Pharmaceutics</i> , 2014 , 464, 152-67	6.5	14
111	Extract from Aronia melanocarpa fruits potentiates the inhibition of platelet aggregation in the presence of endothelial cells. <i>Archives of Medical Science</i> , 2010 , 6, 141-4	2.9	14
110	Use of poly(amido)amine dendrimers in prevention of early non-enzymatic modifications of biomacromolecules. <i>Biochimie</i> , 2010 , 92, 1296-305	4.6	14
109	Analysis of membrane fluidity alterations and lipid disorders in type I diabetic children and adolescents. <i>Acta Diabetologica Latina</i> , 1987 , 24, 141-8		14
108	Diabetes Mellitus Alters the Effect of Peptide and Protein Ligands on Membrane Fluidity of Blood Platelets. <i>Thrombosis and Haemostasis</i> , 1996 , 75, 147-153	7	14
107	Platelet and Red Blood Cell Counts, as well as the Concentrations of Uric Acid, but Not Homocysteinaemia or Oxidative Stress, Contribute Mostly to Platelet Reactivity in Older Adults. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 9467562	6.7	13
106	Modified C-reactive protein interacts with platelet glycoprotein Ib. <i>Pharmacological Reports</i> , 2011 , 63, 464-75	3.9	13
105	Cerivastatin, a HMG-CoA reductase inhibitor, reduces plasminogen activator inhibitor-1 (PAI-1) expression in endothelial cells by down-regulation of cellular signaling and the inhibition of PAI-1 promoter activity. <i>The Japanese Journal of Pharmacology</i> , 2002 , 90, 337-44		13
104	Melittin-induced alterations in dynamic properties of human red blood cell membranes. <i>Chemico-Biological Interactions</i> , 1992 , 82, 135-49	5	13
103	Content of some heavy metal ions in various developmental stages of the social wasp, <i>Dolichovespula saxonica</i> (Fabr.) (Hymenoptera, Vespidae). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1989 , 43, 415-20	2.7	13
102	Regulation of cell function by isoforms of C-reactive protein: a comparative analysis.. <i>Acta Biochimica Polonica</i> , 2009 , 56,	2	13
101	Extract from spent hop (<i>Humulus lupulus</i> L.) reduces blood platelet aggregation and improves anticoagulant activity of human endothelial cells in vitro. <i>Journal of Functional Foods</i> , 2016 , 22, 257-269	5.1	12
100	Extract from <i>Ribes nigrum</i> leaves in vitro activates nitric oxide synthase (eNOS) and increases CD39 expression in human endothelial cells. <i>Journal of Physiology and Biochemistry</i> , 2014 , 70, 1007-19	5	12

99	Association between polymorphism of the NQO1 , NOS3 and NFE2L2 genes and AMD. <i>Frontiers in Bioscience - Landmark</i> , 2013 , 18, 80-90	2.8	12
98	1-methylnicotinamide effects on the selected markers of endothelial function, inflammation and haemostasis in diabetic rats. <i>European Journal of Pharmacology</i> , 2010 , 640, 157-62	5.3	12
97	Ki-67 expression in operable breast cancer: a comparative study of immunostaining and a real-time RT-PCR assay. <i>Pathology Research and Practice</i> , 2006 , 202, 491-5	3.4	12
96	The influence of <i>Rubus idaeus</i> and <i>Rubus caesius</i> leaf extracts on platelet aggregation in whole blood. Cross-talk of platelets and neutrophils. <i>Platelets</i> , 2016 , 27, 433-9	3.6	11
95	Chronic hyper-reactivity of platelets resulting in enhanced monocyte recruitment in patients after ischaemic stroke. <i>Platelets</i> , 2012 , 23, 132-42	3.6	11
94	A novel approach to inhibit the anticoagulant-induced spontaneous activation of blood platelets--effect of magnesium on platelet release reaction in whole blood. <i>Thrombosis Research</i> , 1997 , 85, 127-32	8.2	11
93	French maritime pine bark extract Pycnogenol reduces thromboxane generation in blood from diabetic male rats. <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 168-72	7.5	11
92	Merocyanine 540 as a fluorescent probe of altered membrane phospholipid asymmetry in activated whole blood platelets. <i>Cytometry</i> , 2002 , 49, 119-33		11
91	The effects of in vivo and in vitro non-enzymatic glycosylation and glycooxidation on physico-chemical properties of haemoglobin in control and diabetic patients. <i>International Journal of Biochemistry and Cell Biology</i> , 1996 , 28, 1393-403	5.6	11
90	Hyperglycaemia alters the physico-chemical properties of proteins in erythrocyte membranes of diabetic patients. <i>International Journal of Biochemistry & Cell Biology</i> , 1992 , 24, 1755-61		11
89	Blood Platelets as an Important but Underrated Circulating Source of TGF β <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	11
88	Blood platelet abnormalities and pharmacological modulation of platelet reactivity in patients with diabetes mellitus. <i>Pharmacological Reports</i> , 2005 , 57 Suppl, 42-58	3.9	11
87	Prognostic relevance of cyclin E expression in operable breast cancer. <i>Medical Science Monitor</i> , 2009 , 15, MT34-40	3.2	11
86	A peptide antagonist of F11R/JAM-A reduces plaque formation and prolongs survival in an animal model of atherosclerosis. <i>Atherosclerosis</i> , 2019 , 284, 92-101	3.1	10
85	Can the antiplatelet effects of cangrelor be reliably studied in mice under in vivo and in vitro conditions using flow cytometry?. <i>Pharmacological Reports</i> , 2013 , 65, 870-83	3.9	10
84	Inhibition of cyclooxygenase-2 causes a decrease in coronary flow in diabetic mice. The possible role of PGE2 and dysfunctional vasodilation mediated by prostacyclin receptor. <i>Journal of Physiology and Biochemistry</i> , 2015 , 71, 351-8	5	10
83	Effects of resorcylicidene aminoguanidine (RAG) on selected parameters of isolated rat liver mitochondria. <i>Chemico-Biological Interactions</i> , 2009 , 179, 280-7	5	10
82	Common Carotid Artery Remodeling Studied by Sonomorphological Criteria. <i>Journal of Neuroimaging</i> , 2004 , 14, 258-264	2.8	10

81	Blood platelet membrane fluidity and the exposition of membrane protein receptors in Alzheimer disease (AD) patients--preliminary Study. <i>Alzheimer Disease and Associated Disorders</i> , 2002 , 16, 52-4	2.5	10
80	Higher mitochondrial potential and elevated mitochondrial respiration are associated with excessive activation of blood platelets in diabetic rats. <i>Life Sciences</i> , 2016 , 148, 293-304	6.8	9
79	Inhibition of glutamate receptors reduces the homocysteine-induced whole blood platelet aggregation but does not affect superoxide anion generation or platelet membrane fluidization. <i>Platelets</i> , 2017 , 28, 90-98	3.6	9
78	Resorcylicidene aminoguanidine induces antithrombotic action that is not dependent on its antiglycation activity. <i>Vascular Pharmacology</i> , 2009 , 51, 275-83	5.9	9
77	Association of atherosclerotic risk factors with carotid adventitial thickness assessed by ultrasonography. <i>Journal of Clinical Ultrasound</i> , 2009 , 37, 333-41	1	9
76	Cyclin E expression in operable breast cancer quantified using real-time RT-PCR: a comparative study with immunostaining. <i>Japanese Journal of Clinical Oncology</i> , 2006 , 36, 142-9	2.8	9
75	Is aspirin resistance a real problem in people with type 2 diabetes?. <i>Diabetes Care</i> , 2004 , 27, 1245-6	14.6	9
74	Phosphatidylserine content is a more important contributor than transmembrane potential to interactions of merocyanine 540 with lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1567, 176-82	3.8	9
73	Enhanced adhesion of blood platelets to intact endothelium of mesenteric vascular bed in mice with streptozotocin-induced diabetes is mediated by an up-regulated endothelial surface deposition of VWF - In vivo study. <i>Platelets</i> , 2018 , 29, 476-485	3.6	8
72	Targeting the urine and plasma determinants of thromboxane A2 metabolism in detection of aspirin effectiveness. <i>Blood Coagulation and Fibrinolysis</i> , 2008 , 19, 421-8	1	8
71	An in vitro model for the detection of reduced platelet sensitivity to acetylsalicylic acid. <i>Blood Coagulation and Fibrinolysis</i> , 2004 , 15, 187-95	1	8
70	Activation of circulating platelets and platelet response to activating agents in children with cyanotic congenital heart disease: their relevance to palliative systemic-pulmonary shunt. <i>International Journal of Cardiology</i> , 2001 , 79, 49-59	3.2	8
69	Diabetes and Hyperglycemia Affect Platelet GPIIb Expression. Effects on Adhesion Potential of Blood Platelets from Diabetic Patients under In Vitro Flow Conditions. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
68	The Mystery behind the Pineal Gland: Melatonin Affects the Metabolism of Cholesterol. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 4531865	6.7	7
67	Effect of poly(amido)amine (PAMAM) G4 dendrimer on heart and liver mitochondria in an animal model of diabetes. <i>Cell Biology International</i> , 2009 , 34, 89-97	4.5	7
66	Usefulness of whole blood aggregometry and its comparison with thromboxane generation assay in monitoring acetylsalicylic acid effectiveness--a multiparametric study in rats. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 853-62	5.9	7
65	Microenvironmental changes in platelet membranes induced by the interaction of fibrinogen-derived peptide ligands with platelet integrins. <i>FEBS Journal</i> , 1996 , 235, 281-8		7
64	Quantification of the Blood Platelet Reactivity in the ADP-Induced Model of Non-Lethal Pulmonary Thromboembolism in Mice with the Use of Laser Doppler Flowmetry. <i>PLoS ONE</i> , 2016 , 11, e0146346	3.7	7

63	The cardioprotective power of leaves. <i>Archives of Medical Science</i> , 2015 , 11, 819-39	2.9	6
62	N-Methyl-2-pyridone-5-carboxamide is 1-methylnicotinamide metabolite of low cyclooxygenase-dependent vasodilating activity. <i>Journal of Physiology and Biochemistry</i> , 2012 , 68, 329-34		6
61	Reactive leptin resistance and the profile of platelet activation in acute ischaemic stroke patients. <i>Thrombosis and Haemostasis</i> , 2012 , 108, 107-18	7	6
60	Effectiveness of modified C-reactive protein in the modulation of platelet function under different experimental conditions. <i>Blood Coagulation and Fibrinolysis</i> , 2011 , 22, 301-9	1	6
59	Calcium mobilization by the plant estrogen ferutin does not induce blood platelet aggregation. <i>Pharmacological Reports</i> , 2010 , 62, 1117-26	3.9	6
58	Antagonists of platelet fibrinogen receptor are less effective in carriers of PL(A2) polymorphism of beta(3) integrin. <i>European Journal of Pharmacology</i> , 2002 , 454, 1-8	5.3	6
57	A photometric technique for the measurement of plant surface area: the adsorption of Brilliant Blue dye on to plant surfaces. <i>Freshwater Biology</i> , 1994 , 31, 175-181	3.1	6
56	Microenvironment changes in human blood platelet membranes associated with binding of tissue-type plasminogen activator. <i>FEBS Journal</i> , 1993 , 215, 867-71		6
55	Single-nucleotide polymorphisms of uracil-processing genes affect the occurrence and the onset of recurrent depressive disorder. <i>PeerJ</i> , 2018 , 6, e5116	3.1	6
54	Adenosine Receptor Agonists Exhibit Anti-Platelet Effects and the Potential to Overcome Resistance to P2Y Receptor Antagonists. <i>Molecules</i> , 2019 , 25,	4.8	6
53	Does pycnogenol intensify the efficacy of acetylsalicylic acid in the inhibition of platelet function? In vitro experience. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2006 , 60, 316-21	0.3	6
52	Long-term untreated streptozotocin-diabetes leads to increased expression and elevated activity of prostaglandin H2 synthase in blood platelets. <i>Platelets</i> , 2016 , 27, 203-11	3.6	5
51	CD39/NTPDase-1 expression and activity in human umbilical vein endothelial cells are differentially regulated by leaf extracts from <i>Rubus caesius</i> and <i>Rubus idaeus</i> . <i>Cellular and Molecular Biology Letters</i> , 2014 , 19, 361-80	8.1	5
50	Various laboratory protocols for measuring thromboxane A2 generation to detect the effectiveness of acetylsalicylic acid therapy: a comparative study. <i>Blood Coagulation and Fibrinolysis</i> , 2014 , 25, 46-51	1	5
49	Effect of acetylsalicylic acid on the current-voltage characteristics of planar lipid membranes. <i>Biophysical Chemistry</i> , 2009 , 142, 27-33	3.5	5
48	Effects of N1-methylnicotinamide on oxidative and glycooxidative stress markers in rats with streptozotocin-induced diabetes mellitus. <i>Redox Report</i> , 2012 , 17, 1-7	5.9	5
47	Structure, stability, and antiplatelet activity of O-acyl derivatives of salicylic acid and lipophilic esters of acetylsalicylate. <i>Pharmacological Reports</i> , 2009 , 61, 476-89	3.9	5
46	Common carotid artery remodeling studied by sonomorphological criteria 2004 , 14, 258-64		5

45	Novel association between TGFA, TGFB1, IRF1, PTGS2 and IKBKB single-nucleotide polymorphisms and occurrence, severity and treatment response of major depressive disorder. <i>PeerJ</i> , 2020 , 8, e8676	3.1	5
44	Does grape seed extract potentiate the inhibition of platelet reactivity in the presence of endothelial cells?. <i>Advances in Medical Sciences</i> , 2014 , 59, 178-82	2.8	4
43	COX-2-derived prostaglandins do not contribute to coronary flow regulation in diabetic rats: distinct secretion patterns of PGI2 and PGE2. <i>European Journal of Pharmacology</i> , 2013 , 700, 86-92	5.3	4
42	Modulators of intraplatelet calcium concentration affect the binding of thrombospondin to blood platelets in healthy donors and patients with type 2 diabetes mellitus. <i>European Journal of Haematology</i> , 2001 , 66, 396-403	3.8	4
41	Tissue-type plasminogen activator induces alterations in structure and conformation of membrane proteins upon its interaction with human platelets. <i>Chemico-Biological Interactions</i> , 1993 , 89, 115-27	5	4
40	Autophagy Genes for Wet Age-Related Macular Degeneration in a Finnish Case-Control Study. <i>Genes</i> , 2020 , 11,	4.2	4
39	Effect of acetylsalicylic acid intake on platelet derived microvesicles in healthy subjects. <i>Platelets</i> , 2020 , 31, 206-214	3.6	4
38	Diketopiperazine-Based, Flexible Tadalafil Analogues: Synthesis, Crystal Structures and Biological Activity Profile. <i>Molecules</i> , 2021 , 26,	4.8	4
37	Flow cytometry analysis reveals different activation profiles of thrombin- or TRAP-stimulated platelets in db/db mice. The regulatory role of PAR-3. <i>Blood Cells, Molecules, and Diseases</i> , 2017 , 65, 16-22 ¹	2.1	3
36	Effects of three-month streptozotocin-induced diabetes in mice on blood platelet reactivity, COX-1 expression and adhesion potential. <i>International Journal of Experimental Pathology</i> , 2019 , 100, 41-48	2.8	3
35	Binding of adenosine derivatives to carrier proteins may reduce their antiplatelet activity. <i>Biochemical Pharmacology</i> , 2020 , 174, 113827	6	3
34	How do the full-generation poly(amido)amine (PAMAM) dendrimers activate blood platelets? Platelet membrane zeta potential and other membrane-associated phenomena. <i>International Journal of Pharmaceutics</i> , 2016 , 500, 379-89	6.5	3
33	Comparison of different microscopy approaches to quantification of inhibitory effect on thrombus formation under flow conditions by the example of adenosine receptor agonist HE-NECA. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018 , 94, 94-104	1.7	3
32	Differentiated mitochondrial function in mouse 3T3 fibroblasts and human epithelial or endothelial cells in response to chemical exposure. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 124, 199-210 ¹	2.1	3
31	Do determinants of platelet function co-segregate with genetic markers of type 1 diabetes mellitus?: Analysis of platelet and fibrinolytic parameters in families with type 1 diabetes mellitus. <i>Platelets</i> , 1999 , 10, 169-177	3.6	3
30	An inverse relationship between plasma glutathione concentration and fasting glycemia in patients with coronary artery disease and concomitant type 2 diabetes: A pilot study. <i>Advances in Clinical and Experimental Medicine</i> , 2017 , 26, 1359-1366	1.8	3
29	Intravital Assessment of Blood Platelet Function. A Review of the Methodological Approaches with Examples of Studies of Selected Aspects of Blood Platelet Function. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
28	Adenosine Receptor Agonists Increase the Inhibition of Platelet Function by P2Y Antagonists in a cAMP- and Calcium-Dependent Manner. <i>Pharmaceutics</i> , 2020 , 13,	5.2	3

27	Single-Nucleotide Polymorphisms in Oxidative Stress-Related Genes and the Risk of a Stroke in a Polish Population-A Preliminary Study. <i>Brain Sciences</i> , 2021 , 11,	3.4	3
26	Melatonin as a Reducer of Neuro- and Vasculotoxic Oxidative Stress Induced by Homocysteine. <i>Antioxidants</i> , 2021 , 10,	7.1	3
25	Relationship between high on aspirin platelet reactivity and oxidative stress in coronary artery by-pass grafted patients. <i>Blood Coagulation and Fibrinolysis</i> , 2016 , 27, 151-5	1	3
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