Krzysztof Gwozdzinski

List of Publications by Year
in descending order

61	1,199	516215 16	414034 32
papers	citations	h-index	g-index

64	64	64	1890
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Indoxyl Sulfate Induces Oxidative Changes in Plasma and Hemolysate. Molecules, 2022, 27, 3848.	1.7	3
2	Reactive Oxygen Species and Their Involvement in Red Blood Cell Damage in Chronic Kidney Disease. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-19.	1.9	69
3	Alterations in the Plasma and Red Blood Cell Properties in Patients with Varicose Vein: A Pilot Study. Cardiology Research and Practice, 2021, 2021, 1-10.	0.5	5
4	Factors Affecting the Formation and Treatment of Thrombosis by Natural and Synthetic Compounds. International Journal of Molecular Sciences, 2020, 21, 7975.	1.8	26
5	Microbial Modulation of Coagulation Disorders in Venous Thromboembolism . Journal of Inflammation Research, 2020, Volume 13, 387-400.	1.6	11
6	Alterations in the Properties of Red Blood Cells in Men with Coronary Artery Diseases after Comprehensive Cardiac Rehabilitation. Cardiology Research and Practice, 2020, 2020, 1-9.	0.5	2
7	Doxyl Nitroxide Spin Probes Can Modify Toxicity of Doxorubicin towards Fibroblast Cells. Molecules, 2020, 25, 5138.	1.7	1
8	Therapeutic potential of natural compounds in inflammation and chronic venous insufficiency. European Journal of Medicinal Chemistry, 2019, 176, 68-91.	2.6	67
9	Cytotoxic effect, generation of reactive oxygen/nitrogen species and electrochemical properties of Cu(<scp>ii</scp>) complexes in comparison to half-sandwich complexes of Ru(<scp>ii</scp>) with aminochromone derivatives. RSC Advances, 2019, 9, 31943-31952.	1.7	6
10	Anticancer Activity of Natural Compounds from Plant and Marine Environment. International Journal of Molecular Sciences, 2018, 19, 3533.	1.8	308
11	Indoxyl Sulfate Generates Free Radicals, Decreases Antioxidant Defense, and Leads to Damage to Mononuclear Blood Cells. Chemical Research in Toxicology, 2018, 31, 869-875.	1.7	17
12	Alterations in conformational state of albumin in plasma in chronic hemodialyzed patients. PLoS ONE, 2018, 13, e0192268.	1.1	9
13	Investigation of oxidative stress parameters in different lifespan erythrocyte fractions in young untrained men after acute exercise. Experimental Physiology, 2017, 102, 190-201.	0.9	13
14	Carbamylation and oxidation of proteins lead to apoptotic death of lymphocytes. Chemico-Biological Interactions, 2017, 270, 24-32.	1.7	7
15	The role of environmental factors in the induction of oxidative stress in zebra mussel (Dreissena) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	9
16	Erythrocytes properties in varicose veins patients. Microvascular Research, 2017, 111, 72-79.	1.1	6
17	Nitroxides as Antioxidants and Anticancer Drugs. International Journal of Molecular Sciences, 2017, 18, 2490.	1.8	85
18	Changes in lymphocyte properties after employment of the combination of carbamylation and oxidative stress, an in vitro study. Toxicology in Vitro, 2016, 34, 105-112.	1.1	2

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19	Cardiac rehabilitation improves the blood plasma properties of cardiac patients. Experimental Biology and Medicine, 2016, 241, 1997-2006.	1.1	4
20	Photoprotective and radioprotective properties of nitroxides and their application in magnetic resonance imaging. Postepy Higieny I Medycyny Doswiadczalnej, 2016, 70, 1101-1111.	0.1	5
21	Detection and analysis of spin signal in spin-labeled poly(l-lysine). Biointerphases, 2015, 10, 031001.	0.6	3
22	Changes in the Conformational State of Hemoglobin in Hemodialysed Patients with Chronic Renal Failure. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-9.	1.9	11
23	Anti-tumor potential of nitroxyl derivative Pirolin in the DMBA-induced rat mammary carcinoma model: A comparison with quercetin. Pharmacological Reports, 2015, 67, 527-534.	1.5	15
24	Response of Daphnia's Antioxidant System to Spatial Heterogeneity in Cyanobacteria Concentrations in a Lowland Reservoir. PLoS ONE, 2014, 9, e112597.	1.1	14
25	Up-regulation of CacyBP/SIP during rat breast cancer development. Breast Cancer, 2014, 21, 350-357.	1.3	10
26	The flavonoid quercetin: Possible solution for anthracycline-induced cardiotoxicity and multidrug resistance. Biomedicine and Pharmacotherapy, 2014, 68, 1149-1159.	2.5	17
27	Microcystin assimilation and detoxification by Daphnia spp. in two ecosystems of different cyanotoxin concentrations. Journal of Limnology, 2013, 72, 13.	0.3	35
28	Quercetin attenuates oxidative stress in the blood plasma ofâ€¯rats bearing DMBA-induced mammary cancer and treated with aâ€¯combination of doxorubicin and docetaxel. General Physiology and Biophysics, 2013, 32, 535-543.	0.4	13
29	Alterations in Red Blood Cells and Plasma Properties after Acute Single Bout of Exercise. Scientific World Journal, The, 2013, 2013, 1-10.	0.8	16
30	Antioxidant enzyme activities and lipid peroxidation in Mytilus galloprovincialis from the French Mediterranean coast. Oceanological and Hydrobiological Studies, 2010, 39, 33-43.	0.3	6
31	Investigation of albumin properties in patients with chronic renal failure. Free Radical Research, 2009, 43, 1008-1018.	1.5	26
32	Nitric oxide induced oxidative changes in erythrocyte membrane components. Cell Biology International, 2008, 32, 114-120.	1.4	8
33	Structural alterations of erythrocyte membrane components induced by exhaustive exercise. Applied Physiology, Nutrition and Metabolism, 2008, 33, 1223-1231.	0.9	18
34	Alterations of erythrocyte structure and cellular susceptibility in patients with chronic renal failure: Effect of haemodialysis and oxidative stress. Free Radical Research, 2008, 42, 40-48.	1.5	14
35	Pro-oxidative activity of nitroxides in their reactions with glutathione. Free Radical Biology and Medicine, 2003, 35, 310-316.	1.3	40
36	Alterations in human red blood cell membrane properties induced by the lipopolysaccharide from Proteus mirabilis S1959. Chemico-Biological Interactions, 2003, 146, 73-80.	1.7	5

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37	Evaluation of hydralazine and procainamide effects on fibroblast membrane fluidity. Biochimie, 2003, 85, 549-556.	1.3	4
38	Lipopolysaccharide from Proteus mirabilis O29 induces changes in red blood cell membrane lipids and proteins. International Journal of Biochemistry and Cell Biology, 2003, 35, 333-338.	1.2	5
39	Carbamylation of proteins leads to alterations in the membrane structure of erythrocytes. Cellular and Molecular Biology Letters, 2003, 8, 127-31.	2.7	7
40	Effects of pyrroline and pyrrolidine nitroxides on lipid peroxidation in heart tissue of rats treated with doxorubicin. Cellular and Molecular Biology Letters, 2003, 8, 179-83.	2.7	2
41	Blood Platelet Membrane Fluidity and the Exposition of Membrane Protein Receptors in Alzheimer Disease (AD) Patientsâ€"Preliminary Study. Alzheimer Disease and Associated Disorders, 2002, 16, 52-54.	0.6	20
42	Merocyanine 540 as a fluorescent probe of altered membrane phospholipid asymmetry in activated whole blood platelets. Cytometry, 2002, 49, 119-133.	1.8	14
43	Structure-activity relationship studies of protective function of nitroxides in Fenton system. BioMetals, 2001, 14, 159-170.	1.8	15
44	CHANGES IN PLASMA MEMBRANE FLUIDITY OF IMMORTAL RODENT CELLS INDUCED BY ANTICANCER DRUGS DOXORUBICIN, ACLARUBICIN AND MITOXANTRONE. Cell Biology International, 1999, 23, 497-506.	1.4	18
45	The effects of in vivo and in vitro non-enzymatic glycosylation and glycoxidation on physico-chemical properties of haemoglobin in control and diabetic patients. International Journal of Biochemistry and Cell Biology, 1996, 28, 1393-1403.	1.2	13
46	RED BLOOD CELLS DAMAGE BY OXYGEN FREE RADICALS GENERATED DURING HAEMODIALYSIS. Biochemical Society Transactions, 1996, 24, 538S-538S.	1.6	0
47	LACK OF CORRELATION BETWEEN CHANGES IN PLASMA MEMBRANE FLUIDITY AND INHIBITION OF CELL GROWTH INDUCED BY ANTHRACYCLINES IN IMMORTAL RODENT CELLS. Biochemical Society Transactions, 1996, 24, 554S-554S.	1.6	0
48	Microenvironmental Changes in Platelet Membranes Induced by the Interaction of Fibrinogen-Derived Peptide Ligands with Platelet Integrins. FEBS Journal, 1996, 235, 281-288.	0.2	9
49	Diabetes Mellitus Alters the Effect of Peptide and Protein Ligands on Membrane Fluidity of Blood Platelets. Thrombosis and Haemostasis, 1996, 75, 147-153.	1.8	19
50	Oxygen free radicals and red blood cell damage in acute renal failure. Biochemical Society Transactions, 1995, 23, 635S-635S.	1.6	10
51	Structural changes in erythrocyte components induced by copper and mercury. Radiation Physics and Chemistry, 1995, 45, 877-882.	1.4	8
52	Microenvironment changes in human blood platelet membranes associated with binding of tissue-type plasminogen activator. FEBS Journal, 1993, 215, 867-871.	0.2	8
53	Do the spectra of maleimide spin-labelled whole blood platelets reflect the structure and conformation of membrane proteins?. Journal of Proteomics, 1993, 27, 157-165.	2.4	2
54	Effect of aspirin on conformation and dynamics of membrane proteins in platelets and erythrocytes. Biochemical Pharmacology, 1993, 45, 1343-1349.	2.0	33

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55	Structural changes of proteins in fish red blood cells after copper and mercury treatment. Archives of Environmental Contamination and Toxicology, 1992, 23, 426-30.	2.1	11
56	Melittin-induced alterations in dynamic properties of human red blood cell membranes. Chemico-Biological Interactions, 1992, 82, 135-149.	1.7	19
57	The comparison of the effects of heavy metal ions on the antioxidant enzyme activities in human and fish Dicentrarchus labrax erythrocytes. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1992, 102, 57-60.	0.2	17
58	Voltammetric studies of the cell membrane of the alga Nitellopsis obtusa as modified by positively charged amphiphilic derivatives of glycine esters. Physiologia Plantarum, 1991, 83, 433-440.	2.6	10
59	In vitro fatty acid acylatin of mucus glycoprotein from sublingual salivary glands. Biochimica Et Biophysica Acta - General Subjects, 1986, 880, 108-116.	1.1	13
60	Aging of the erythrocyte. 23. Changes in the permeation of spin-labeled electrolytes. American Journal of Hematology, 1983, 14, 377-379.	2.0	8
61	Effect of Adenine Nucleotides and Gamma Radiation on the Transport of TEMPOL Across the Erythrocyte Membrane. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1983, 44, 301-305.	1.0	2