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	Anticancer Activity of Natural Compounds from Plant and Marine Environment. International Journal of Molecular Sciences, 2018, 19, 3533.	1.8	308
2	Nitroxides as Antioxidants and Anticancer Drugs. International Journal of Molecular Sciences, 2017, 18, 2490.	1.8	85
3	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
4	Therapeutic potential of natural compounds in inflammation and chronic venous insufficiency. European Journal of Medicinal Chemistry, 2019, 176, 68-91.	2.6	67
5	Pro-oxidative activity of nitroxides in their reactions with glutathione. Free Radical Biology and Medicine, 2003, 35, 310-316.	1.3	40
6	Microcystin assimilation and detoxification by Daphnia spp. in two ecosystems of different cyanotoxin concentrations. Journal of Limnology, 2013, 72, 13.	0.3	35
7	Effect of aspirin on conformation and dynamics of membrane proteins in platelets and erythrocytes. Biochemical Pharmacology, 1993, 45, 1343-1349.	2.0	33
8	Investigation of albumin properties in patients with chronic renal failure. Free Radical Research, 2009, 43, 1008-1018.	1.5	26
9	Factors Affecting the Formation and Treatment of Thrombosis by Natural and Synthetic Compounds. International Journal of Molecular Sciences, 2020, 21, 7975.	1.8	26
10	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
11	Melittin-induced alterations in dynamic properties of human red blood cell membranes. Chemico-Biological Interactions, 1992, 82, 135-149.	1.7	19
12	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
13	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
14	Structural alterations of erythrocyte membrane components induced by exhaustive exercise. Applied Physiology, Nutrition and Metabolism, 2008, 33, 1223-1231.	0.9	18
15	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
16	The flavonoid quercetin: Possible solution for anthracycline-induced cardiotoxicity and multidrug resistance. Biomedicine and Pharmacotherapy, 2014, 68, 1149-1159.	2.5	17
17	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
18	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

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19	Structure-activity relationship studies of protective function of nitroxides in Fenton system. BioMetals, 2001, 14, 159-170.	1.8	15
20	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
21	Merocyanine 540 as a fluorescent probe of altered membrane phospholipid asymmetry in activated whole blood platelets. Cytometry, 2002, 49, 119-133.	1.8	14
22	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
23	Response of Daphnia's Antioxidant System to Spatial Heterogeneity in Cyanobacteria Concentrations in a Lowland Reservoir. PLoS ONE, 2014, 9, e112597.	1.1	14
24	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
25	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
26	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
27	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
28	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
29	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
30	Microbial Modulation of Coagulation Disorders in Venous Thromboembolism . Journal of Inflammation Research, 2020, Volume 13, 387-400.	1.6	11
31	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
32	Oxygen free radicals and red blood cell damage in acute renal failure. Biochemical Society Transactions, 1995, 23, 635S-635S.	1.6	10
33	Up-regulation of CacyBP/SIP during rat breast cancer development. Breast Cancer, 2014, 21, 350-357.	1.3	10
34	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
35	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
36	Alterations in conformational state of albumin in plasma in chronic hemodialyzed patients. PLoS ONE, 2018, 13, e0192268.	1.1	9

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37	Aging of the erythrocyte. 23. Changes in the permeation of spin-labeled electrolytes. American Journal of Hematology, 1983, 14, 377-379.	2.0	8
38	Microenvironment changes in human blood platelet membranes associated with binding of tissue-type plasminogen activator. FEBS Journal, 1993, 215, 867-871.	0.2	8
39	Structural changes in erythrocyte components induced by copper and mercury. Radiation Physics and Chemistry, 1995, 45, 877-882.	1.4	8
40	Nitric oxide induced oxidative changes in erythrocyte membrane components. Cell Biology International, 2008, 32, 114-120.	1.4	8
41	Carbamylation and oxidation of proteins lead to apoptotic death of lymphocytes. Chemico-Biological Interactions, 2017, 270, 24-32.	1.7	7
42	Carbamylation of proteins leads to alterations in the membrane structure of erythrocytes. Cellular and Molecular Biology Letters, 2003, 8, 127-31.	2.7	7
43	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
44	Erythrocytes properties in varicose veins patients. Microvascular Research, 2017, 111, 72-79.	1.1	6
45	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
46	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
47	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
48	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
49	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
50	Evaluation of hydralazine and procainamide effects on fibroblast membrane fluidity. Biochimie, 2003, 85, 549-556.	1.3	4
51	Cardiac rehabilitation improves the blood plasma properties of cardiac patients. Experimental Biology and Medicine, 2016, 241, 1997-2006.	1.1	4
52	Detection and analysis of spin signal in spin-labeled poly(l-lysine). Biointerphases, 2015, 10, 031001.	0.6	3
53	Indoxyl Sulfate Induces Oxidative Changes in Plasma and Hemolysate. Molecules, 2022, 27, 3848.	1.7	3
54	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

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55	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
56	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
57	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
58	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
59	Doxyl Nitroxide Spin Probes Can Modify Toxicity of Doxorubicin towards Fibroblast Cells. Molecules, 2020, 25, 5138.	1.7	1
60	RED BLOOD CELLS DAMAGE BY OXYGEN FREE RADICALS GENERATED DURING HAEMODIALYSIS. Biochemical Society Transactions, 1996, 24, 538S-538S.	1.6	0
61	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