

Michał, Woźniak

List of Publications by Year in descending order

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99
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2,511
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236612

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docs citations

100
times ranked

3698
citing authors

#	ARTICLE	IF	CITATIONS
1	Plausible Role of Estrogens in Pathogenesis, Progression and Therapy of Lung Cancer. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 648.	1.2	24
2	Regulation of Mitochondrial Dynamics in Parkinson's Disease—Is 2-Methoxyestradiol a Missing Piece?. <i>Antioxidants</i> , 2021, 10, 248.	2.2	4
3	Presence of N-methylamino-L-alanine in cyanobacteria and aquatic organisms from waters of Northern Poland; BMAA toxicity studies. <i>Toxicon</i> , 2021, 194, 90-97.	0.8	7
4	JNK/p66Shc/ITCH Signaling Pathway Mediates Angiotensin II-induced Ferritin Degradation and Labile Iron Pool Increase. <i>Nutrients</i> , 2020, 12, 668.	1.7	9
5	The Major Heat Shock Proteins, Hsp70 and Hsp90, in 2-Methoxyestradiol-Mediated Osteosarcoma Cell Death Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 616.	1.8	8
6	Modification of DNA structure by reactive nitrogen species as a result of 2-methoxyestradiol-induced neuronal nitric oxide synthase uncoupling in metastatic osteosarcoma cells. <i>Redox Biology</i> , 2020, 32, 101522.	3.9	10
7	2-Methoxyestradiol and Its Combination with a Natural Compound, Ferulic Acid, Induces Melanoma Cell Death via Downregulation of Hsp60 and Hsp90. <i>Journal of Oncology</i> , 2019, 2019, 1-12.	0.6	10
8	Docosahexaenoic Acid Inhibits PTP1B Phosphatase and the Viability of MCF-7 Breast Cancer Cells. <i>Nutrients</i> , 2019, 11, 2554.	1.7	9
9	Nitric oxide and its derivatives in the cancer battlefield. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 93, 102-114.	1.2	79
10	Influence of Diosmin Treatment on the Level of Oxidative Stress Markers in Patients with Chronic Venous Insufficiency. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-5.	1.9	32
11	Potential Health Benefits of Olive Oil and Plant Polyphenols. <i>International Journal of Molecular Sciences</i> , 2018, 19, 686.	1.8	421
12	Nerve growth factor as an important possible component of novel therapy for cancer, diabetes and cardiovascular diseases. <i>Cellular and Molecular Biology</i> , 2018, 64, 16-23.	0.3	5
13	Nerve growth factor as an important possible component of novel therapy for cancer, diabetes and cardiovascular diseases. <i>Cellular and Molecular Biology</i> , 2018, 64, 16-23.	0.3	1
14	Novel liquid chromatography method based on linear weighted regression for the fast determination of isoprostane isomers in plasma samples using sensitive tandem mass spectrometry detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1051, 17-23.	1.2	16
15	Doxorubicin anti-tumor mechanisms include Hsp60 post-translational modifications leading to the Hsp60/p53 complex dissociation and instauration of replicative senescence. <i>Cancer Letters</i> , 2017, 385, 75-86.	3.2	54
16	Lipoic Acid Decreases the Viability of Breast Cancer Cells and Activity of PTP1B and SHP2. <i>Anticancer Research</i> , 2017, 37, 2893-2898.	0.5	22
17	Inhibitory Activity of Iron Chelators ATA and DFO on MCF-7 Breast Cancer Cells and Phosphatases PTP1B and SHP2. <i>Anticancer Research</i> , 2017, 37, 4799-4806.	0.5	17
18	Exercise-Induced Changes in Caveolin-1, Depletion of Mitochondrial Cholesterol, and the Inhibition of Mitochondrial Swelling in Rat Skeletal Muscle but Not in the Liver. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-8.	1.9	8

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19	Chicoric acid binds to two sites and decreases the activity of the YopH bacterial virulence factor. <i>Oncotarget</i> , 2016, 7, 2229-2238.	0.8	16
20	Vitamin D derivatives enhance cytotoxic effects of H ₂ O ₂ or cisplatin on human keratinocytes. <i>Steroids</i> , 2016, 110, 49-61.	0.8	47
21	Aurinricarboxylic acid structure modifications lead to reduction of inhibitory properties against virulence factor YopH and higher cytotoxicity. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 163.	1.7	6
22	Neuronal Nitric Oxide Synthase-Mediated Genotoxicity of 2-Methoxyestradiol in Hippocampal HT22 Cell Line. <i>Molecular Neurobiology</i> , 2016, 53, 5030-5040.	1.9	12
23	New Insight into 2-Methoxyestradiol- a Possible Physiological Link between Neurodegeneration and Cancer Cell Death. <i>Current Medicinal Chemistry</i> , 2016, 23, 1513-1527.	1.2	10
24	Growth Inhibition of Osteosarcoma Cell Lines in 3D Cultures: Role of Nitrosative and Oxidative Stress. <i>Anticancer Research</i> , 2016, 36, 221-9.	0.5	7
25	Nitro-oxidative Stress Is Involved in Anticancer Activity of 17 β -Estradiol Derivative in Neuroblastoma Cells. <i>Anticancer Research</i> , 2016, 36, 1693-8.	0.5	10
26	Impact of Apparent Antagonism of Estrogen Receptor β by Fulvestrant on Anticancer Activity of 2-Methoxyestradiol. <i>Anticancer Research</i> , 2016, 36, 2217-26.	0.5	9
27	Determination of free and bounded phenolic acids in the rhizomes and herb of <i>Sanguisorba officinalis</i> L.. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2015, 28, 254-256.	0.1	7
28	Protein tyrosine phosphatases in pathological process. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 377-388.	3.0	17
29	A Proposed Molecular Mechanism of High-Dose Vitamin D ₃ Supplementation in Prevention and Treatment of Preeclampsia. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13043-13064.	1.8	19
30	Titanium dioxide nanoparticles enhance production of superoxide anion and alter the antioxidant system in human osteoblast cells. <i>International Journal of Nanomedicine</i> , 2015, 10, 1095.	3.3	49
31	The physiological concentration of ferrous iron (II) alters the inhibitory effect of hydrogen peroxide on CD45, LAR and PTP1B phosphatases. <i>BioMetals</i> , 2015, 28, 975-986.	1.8	5
32	Inactivation of Protein Tyrosine Phosphatases by Peracids Correlates with the Hydrocarbon Chain Length. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1069-1083.	1.1	12
33	DNA strand breaks induced by nuclear hijacking of neuronal NOS as an anti-cancer effect of 2-methoxyestradiol. <i>Oncotarget</i> , 2015, 6, 15449-15463.	0.8	20
34	Redox process is crucial for inhibitory properties of aurintricarboxylic acid against activity of YopH: virulence factor of <i>Yersinia pestis</i> . <i>Oncotarget</i> , 2015, 6, 18364-18373.	0.8	6
35	Cis-[Cr(C ₂ O ₄)(pm)(OH ₂) ₂] ⁺ Coordination Ion as a Specific Sensing Ion for H ₂ O ₂ Detection in HT22 Cells. <i>Molecules</i> , 2014, 19, 8533-8543.	1.7	15
36	Neuronal Nitric Oxide Synthase Induction in the Antitumorigenic and Neurotoxic Effects of 2-Methoxyestradiol. <i>Molecules</i> , 2014, 19, 13267-13281.	1.7	19

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37	Age-dependent neuroprotection of retinal ganglion cells by tempol-C8 acyl ester in a rat NMDA toxicity model. <i>Folia Neuropathologica</i> , 2014, 3, 291-297.	0.5	3
38	Aliskiren attenuates oxidative stress and improves tubular status in non-diabetic patients with chronic kidney disease-Placebo controlled, randomized, cross-over study. <i>Advances in Medical Sciences</i> , 2014, 59, 256-260.	0.9	14
39	Protective Effect of γ -ketobutyrate on Survival of Hippocampal Neurons Challenged with Hydrogen Peroxide Chemistry Mimicking Brain Ischemia. <i>Current Pharmaceutical Analysis</i> , 2014, 10, 87-91.	0.3	3
40	Cerulein-Induced Acute Pancreatitis Is Associated With c-Jun NH(2)-Terminal Kinase 1-Dependent Ferritin Degradation and Iron-Dependent Free Radicals Formation. <i>Pancreas</i> , 2013, 42, 1070-1077.	0.5	16
41	Exercise-induced heart mitochondrial cholesterol depletion influences the inhibition of mitochondrial swelling. <i>Experimental Physiology</i> , 2013, 98, 1457-1468.	0.9	8
42	Electrochemical and Biological Studies on Reactivity of [VO(oda)(H ₂ O) ₂], [Co(oda)(H ₂ O) ₂ ·H ₂ O], and [Ni(oda)(H ₂ O) ₃ ·1.5H ₂ O] Towards Superoxide Free Radicals. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1795-1799.	0.6	20
43	Diosmin – Isolation Techniques, Determination in Plant Material and Pharmaceutical Formulations, and Clinical Use. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	30
44	Geldanamycin-Induced Osteosarcoma Cell Death Is Associated with Hyperacetylation and Loss of Mitochondrial Pool of Heat Shock Protein 60 (Hsp60). <i>PLoS ONE</i> , 2013, 8, e71135.	1.1	50
45	Fisetin prevents fluoride- and dexamethasone-induced oxidative damage in osteoblast and hippocampal cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 583-589.	1.8	57
46	Diallyl trisulfide-induced prostate cancer cell death is associated with Akt/PKB dephosphorylation mediated by P-p66shc. <i>European Journal of Nutrition</i> , 2012, 51, 817-825.	1.8	23
47	Activation of Hydrogen Peroxide to Peroxytetradecanoic Acid Is Responsible for Potent Inhibition of Protein Tyrosine Phosphatase CD45. <i>PLoS ONE</i> , 2012, 7, e52495.	1.1	11
48	Impact of JNK1, JNK2, and ligase Itch on reactive oxygen species formation and survival of prostate cancer cells treated with diallyl trisulfide. <i>European Journal of Nutrition</i> , 2012, 51, 573-581.	1.8	15
49	Protein tyrosine phosphatase CD45 as a molecular biosensor of hydrogen peroxide generation in cell culture media. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 270-273.	1.0	4
50	Neuroprotective effects of tempol acyl esters against retinal ganglion cell death in a rat partial optic nerve crush model. <i>Acta Ophthalmologica</i> , 2011, 89, e555-e560.	0.6	12
51	P66Shc mediated ferritin degradation – A novel mechanism of ROS formation. <i>Free Radical Biology and Medicine</i> , 2011, 51, 658-663.	1.3	29
52	Methyl- β -cyclodextrin induces mitochondrial cholesterol depletion and alters the mitochondrial structure and bioenergetics. <i>FEBS Letters</i> , 2010, 584, 4606-4610.	1.3	44
53	A Novel Biosensor for Evaluation of Apoptotic or Necrotic Effects of Nitrogen Dioxide during Acute Pancreatitis in Rat. <i>Sensors</i> , 2010, 10, 280-291.	2.1	15
54	Up-regulation of ferritin ubiquitination in skeletal muscle of transgenic rats bearing the G93A hmSOD1 gene mutation. <i>Neuromuscular Disorders</i> , 2010, 20, 29-33.	0.3	11

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55	Effect of pentoxifylline on proteinuria, markers of tubular injury and oxidative stress in non-diabetic patients with chronic kidney disease - placebo controlled, randomized, cross-over study.. Acta Biochimica Polonica, 2010, 57, .	0.3	19
56	Using Acetaminophen's Toxicity Mechanism to Enhance Cisplatin Efficacy in Hepatocarcinoma and Hepatoblastoma Cell Lines. Neoplasia, 2009, 11, 1003-1011.	2.3	31
57	High-dose angiotensin-converting enzyme inhibitor attenuates oxidative stress in patients with chronic kidney disease. Nephrology Dialysis Transplantation, 2008, 24, 689-690.	0.4	6
58	Spironolactone Attenuates Oxidative Stress in Patients With Chronic Kidney Disease. Hypertension, 2008, 52, e132-3; author reply e134.	1.3	7
59	Nitric Dioxide as Biologically Important Radical and its Role in Molecular Mechanism of Pancreatic Inflammation. Current Pharmaceutical Analysis, 2008, 4, 183-196.	0.3	11
60	Intravenous Sodium Pyruvate Protects Against Cerulein-Induced Acute Pancreatitis. Pancreas, 2008, 37, 238-239.	0.5	6
61	Coordinate cis-[Cr(C2O4)(pm)(OH2)2]+ Cation as Molecular Biosensor of Pyruvate's Protective Activity Against Hydrogen Peroxide Mediated Cytotoxicity. Sensors, 2008, 8, 4487-4504.	2.1	11
62	Dynamics of Oxidative Damage at Early Stages of Estrogen-dependant Carcinogenesis. Advances in Experimental Medicine and Biology, 2008, 617, 609-615.	0.8	2
63	Reactions of NO2 with chromium(III) complexes with histamine and pyridoxamine ligands studied by the stopped-flow technique. Analytical Biochemistry, 2006, 350, 256-262.	1.1	9
64	Stopped-flow study of H+ induced CO2 release from a non-peptide analogue of decarboxylase-substrate mimicking cis-[Cr(C2O4)(AaraNH2)(O2CO)] ⁺ . Transition Metal Chemistry, 2006, 31, 1045-1051.	0.7	3
65	Does Resveratrol Prevent Free Radical-induced Acute Pancreatitis?. Pancreas, 2005, 31, 43-47.	0.5	20
66	A stopped-flow study on the kinetics and mechanism of CO2 uptake by chromium(III) complexes with histamine and pyridoxamine. Transition Metal Chemistry, 2005, 30, 209-216.	0.7	13
67	Increased plasma concentrations of Palmitoylethanolamide, an endogenous fatty acid amide, affect oxidative damage of human low-density lipoproteins: An in vitro study. Atherosclerosis, 2005, 182, 47-55.	0.4	19
68	Pivotal participation of nitrogen dioxide in l-arginine induced acute necrotizing pancreatitis: protective role of superoxide scavenger 4-OH-TEMPO. Biochemical and Biophysical Research Communications, 2005, 326, 313-320.	1.0	37
69	The switch mechanism of the cell death mode from apoptosis to necrosis in menadione-treated human osteosarcoma cell line 143B cells. Microscopy Research and Technique, 2004, 64, 255-268.	1.2	16
70	Kinetics and mechanisms of the CO2 and SO2 uptake by coordinate ion, cis-[Cr(C2O4)(L)(OH2)2]+ {(L)=methyl 3-amino-2,3-dideoxy-β-d-arabino-hexopyranoside} as studied by stopped-flow spectrophotometry. Inorganica Chimica Acta, 2004, 357, 4467-4475.	1.2	14
71	Fast perinuclear clustering of mitochondria in oxidatively stressed human choriocarcinoma cells. Folia Morphologica, 2004, 63, 407-12.	0.4	16
72	Different modulation of phospholipase A2 activity by saturated and monounsaturated N-acyl ethanolamines. Journal of Lipid Research, 2003, 44, 742-753.	2.0	16

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73	Mechanism of leflunomide-induced proliferation of mitochondria in mammalian cells. <i>Mitochondrion</i> , 2002, 2, 163-179.	1.6	25
74	Dual effect of 2-methoxyestradiol on cell cycle events in human osteosarcoma 143B cells. <i>Acta Biochimica Polonica</i> , 2002, 49, 59-65.	0.3	23
75	Dual effect of 2-methoxyestradiol on cell cycle events in human osteosarcoma 143B cells. <i>Acta Biochimica Polonica</i> , 2002, 49, 59-65.	0.3	6
76	Hemoglobin components from trout (<i>Salmo irideus</i>): determination of their peroxidative activity. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 130, 559-564.	0.7	15
77	Steady-state and time resolved fluorescence of albumins interacting with N-oleylethanolamine, a component of the endogenous N-acylethanolamines. , 2000, 40, 39-48.		93
78	The effects of nitroxide radicals on oxidative DNA damage. <i>Free Radical Biology and Medicine</i> , 2000, 28, 1257-1265.	1.3	50
79	Protein carbonyl groups™ content as a useful clinical marker of antioxidant barrier impairment in plasma of children with juvenile chronic arthritis. <i>Free Radical Biology and Medicine</i> , 2000, 29, 101-104.	1.3	51
80	Morphological and functional changes of mitochondria from density separated trout erythrocytes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2000, 1457, 118-128.	0.5	18
81	Free radical-induced megamitochondria formation and apoptosis. <i>Free Radical Biology and Medicine</i> , 1999, 26, 396-409.	1.3	138
82	Cycloheximide and 4-OH-TEMPO suppress chloramphenicol-induced apoptosis in RL-34 cells via the suppression of the formation of megamitochondria. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1449, 25-40.	1.9	33
83	Complete Suppression of Ethanol-Induced Formation of Megamitochondria By 4-Hydroxy-2,2,6,6-Tetramethyl-Piperidine-1-Oxyl (4-OH-Tempo). <i>Free Radical Biology and Medicine</i> , 1998, 24, 139-147.	1.3	23
84	Inhibitory Effect of Free Radicals Derived From Organic Hydroperoxide on Progesterone Synthesis in Human Term Placental Mitochondria. <i>Free Radical Biology and Medicine</i> , 1998, 24, 1168-1175.	1.3	23
85	Structural-Functional Relationships in Pig Heart AMP-Deaminase in the Presence of ATP, Orthophosphate, and Phosphatidate Bilayers. <i>Molecular Genetics and Metabolism</i> , 1998, 65, 51-58.	0.5	8
86	The Effect of Indolinic and Quinolinic Nitroxide Radicals on Trout Erythrocytes Exposed to Oxidative Stress. <i>Free Radical Research</i> , 1998, 28, 507-516.	1.5	14
87	Suppression of the formation of megamitochondria by scavengers for free radicals. <i>Molecular Aspects of Medicine</i> , 1997, 18, 51-61.	2.7	27
88	Influence of structure on the antioxidant activity of indolinic nitroxide radicals. <i>Free Radical Biology and Medicine</i> , 1997, 22, 249-255.	1.3	47
89	Role of Free Radicals in the Mechanism of The Hydrazine- Induced Formation of Megamitochondria. <i>Free Radical Biology and Medicine</i> , 1997, 23, 285-293.	1.3	20
90	Effects of indolinic and quinolinic aminoxyls on protein and lipid peroxidation of rat liver microsomes. <i>Free Radical Biology and Medicine</i> , 1995, 18, 913-917.	1.3	41

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91	Protective effect of 4-hydroxy-TEMPO, a low molecular weight superoxide dismutase mimic, on free radical toxicity in experimental pancreatitis. <i>International Journal of Gastrointestinal Cancer</i> , 1995, 18, 153-160.	0.4	42
92	Quinolinic Aminoxyl Protects Albumin Against Peroxyl Radical Mediated Damage. <i>Free Radical Research</i> , 1994, 21, 309-315.	1.5	20
93	The effect of N-acyl ethanolamines on phosphatidylethanolamine phase transitions studied by laurdan generalised polarisation. <i>Chemistry and Physics of Lipids</i> , 1994, 72, 127-134.	1.5	8
94	Indolinonic and quinolinic aminoxyls as protectants against oxidative stress. <i>Free Radical Biology and Medicine</i> , 1993, 15, 203-208.	1.3	32
95	Effect of N-acylethanolamines with different acyl-chains on DPPC multilamellar liposomes. <i>Chemistry and Physics of Lipids</i> , 1993, 65, 165-169.	1.5	18
96	N-Acylethanolamines as membrane topological stress compromising agents. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1148, 351-355.	1.4	33
97	A new fluorescence method to detect singlet oxygen inside phospholipid model membranes. <i>Lipids and Lipid Metabolism</i> , 1991, 1082, 94-100.	2.6	54
98	Regulation of trout gill AMP deaminase by lipid bilayers. Effects of phospholipid composition and temperature. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1985, 80, 685-692.	0.2	2
99	Butylmalonate counteracts the inhibitory effect of protamine on succinate oxidation. An ultrastructural interpretation. <i>Biochemical and Biophysical Research Communications</i> , 1979, 86, 801-807.	1.0	2