

Grzegorz Machnik

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

607
citations

516215

16
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610482

24
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41
all docs

41
docs citations

41
times ranked

1136
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin affects macrophages'™ phenotype and improves the activity of glutathione peroxidase, superoxide dismutase, catalase and decreases malondialdehyde concentration in a partially AMPK-independent manner in LPS-stimulated human monocytes/macrophages. <i>Pharmacological Reports</i> , 2014, 66, 418-429.	1.5	82
2	Gene expression and activity of antioxidant enzymes in the blood cells of workers who were occupationally exposed to lead. <i>Toxicology</i> , 2012, 301, 79-84.	2.0	65
3	Exenatide (a GLP-1 agonist) expresses anti-inflammatory properties in cultured human monocytes/macrophages in a protein kinase A and B/Akt manner. <i>Pharmacological Reports</i> , 2016, 68, 329-337.	1.5	44
4	Exenatide and metformin express their anti-inflammatory effects on human monocytes/macrophages by the attenuation of MAPKs and NF- κ B signaling. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1103-1115.	1.4	36
5	Pleiotropic Effects of PCSK-9 Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3144.	1.8	33
6	Effect of N-acetylcysteine administration on the expression and activities of antioxidant enzymes and the malondialdehyde level in the blood of lead-exposed workers. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 638-647.	2.0	32
7	AMP-activated protein kinase is involved in induction of protective autophagy in astrocytes exposed to oxygen-glucose deprivation. <i>Cell Biology International</i> , 2014, 38, 1086-1097.	1.4	30
8	Exenatide (a GLP-1 agonist) improves the antioxidative potential of in vitro cultured human monocytes/macrophages. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 905-919.	1.4	26
9	Superoxide dismutase 1 and glutathione peroxidase 1 are involved in the protective effect of sulodexide on vascular endothelial cells exposed to oxygen-glucose deprivation. <i>Microvascular Research</i> , 2016, 103, 26-35.	1.1	24
10	Time-Dependent Changes in Apoptosis Upon Autophagy Inhibition in Astrocytes Exposed to Oxygen and Glucose Deprivation. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 223-234.	1.7	22
11	Insight into the Evolving Role of PCSK9. <i>Metabolites</i> , 2022, 12, 256.	1.3	21
12	Eplerenone promotes alternative activation in human monocyte-derived macrophages. <i>Pharmacological Reports</i> , 2013, 65, 226-234.	1.5	20
13	Knockdown of <i>AKT3</i> (<i>PKBβ</i>) and <i>PI3KCA</i> Suppresses Cell Viability and Proliferation and Induces the Apoptosis of Glioblastoma Multiforme T98G Cells. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	20
14	SOCS and diabetes—ups and downs of a turbulent relationship. <i>Cell Biochemistry and Function</i> , 2013, 31, 181-195.	1.4	19
15	Tricyclic Antidepressants Modulate Stressed Mitochondria in Glioblastoma Multiforme Cells. <i>Cancer Control</i> , 2018, 25, 107327481879859.	0.7	17
16	The Effects of Statins on Neurotransmission and Their Neuroprotective Role in Neurological and Psychiatric Disorders. <i>Molecules</i> , 2021, 26, 2838.	1.7	16
17	Epicardial, paracardial and perivascular fat quantity, genes expression and serum cytokines in coronary artery disease and diabetes. <i>Polish Archives of Internal Medicine</i> , 2019, 129, 738-746.	0.3	16
18	A peptide nucleic acid (PNA)-mediated polymerase chain reaction clamping allows the selective inhibition of the ERVWE1 gene amplification. <i>Molecular and Cellular Probes</i> , 2014, 28, 237-241.	0.9	9

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19	Metformin reduces the expression of NADPH oxidase and increases the expression of antioxidative enzymes in human monocytes/macrophages cultured in vitro. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 1095-1103.	0.8	9
20	The impact of exenatide (a GLP-1 agonist) on markers of inflammation and oxidative stress in normal human astrocytes subjected to various glycemic conditions. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 2861-2869.	0.8	8
21	Eplerenone mimics features of the alternative activation in macrophages obtained from patients with heart failure and healthy volunteers. <i>European Journal of Pharmacology</i> , 2014, 726, 96-108.	1.7	7
22	A Novel, Highly Selective RT-QPCR Method for Quantification of MSR/V Using PNA Clamping Syncytin-1 (ERVWE1). <i>Molecular Biotechnology</i> , 2015, 57, 801-813.	1.3	7
23	Sulodexide up-regulates glutathione S-transferase P1 by enhancing Nrf2 expression and translocation in human umbilical vein endothelial cells injured by oxygen glucose deprivation. <i>Archives of Medical Science</i> , 2020, 16, 957-963.	0.4	7
24	Imipramine and Venlafaxine Differentially Affect Primary Glial Cultures of Prenatally Stressed Rats. <i>Frontiers in Pharmacology</i> , 2019, 10, 1687.	1.6	6
25	The influence of ezetimibe on classical and alternative activation pathways of monocytes/macrophages isolated from patients with hypercholesterolemia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 733-742.	1.4	5
26	The application of strand invasion phenomenon, directed by peptide nucleic acid (PNA) and single-stranded DNA binding protein (SSB) for the recognition of specific sequences of human endogenous retroviral HERV-W family. <i>Journal of Molecular Recognition</i> , 2017, 30, e2600.	1.1	4
27	Monitoring the Transcriptional Activity of Human Endogenous Retroviral HERV-W Family Using PNA Strand Invasion into Double-Stranded DNA. <i>Molecular Biotechnology</i> , 2018, 60, 124-133.	1.3	3
28	Treatment Based on Cinacalcet Reduces Oxidative Stress in Hemodialysis Patients with Secondary Hyperparathyroidism. <i>Nephron</i> , 2018, 139, 286-292.	0.9	3
29	Epicardial, pericardial fat and glucagon-like peptide-1 and 2 receptors expression in stable patients with multivessel coronary artery disease: an association with renin-angiotensin-aldosterone. <i>Polish Archives of Internal Medicine</i> , 2021, 131, 233-240.	0.3	3
30	Perivascular adipose tissue from the internal mammary artery in patients with severe coronary artery atherosclerosis. <i>Kardiologia Polska</i> , 2020, 78, 1215-1220.	0.3	3
31	Exenatide improves antioxidant capacity and reduces the expression of LDL receptors and PCSK9 in human insulin-secreting 1.1E7 cell line subjected to hyperglycemia and oxidative stress. <i>Postępy Higieny i Medycyny Doswiadczalnej</i> , 2022, 76, 16-23.	0.1	3
32	Treatment With Cinacalcet Increases Plasma Adiponectin Concentration in Hemodialyzed Patients With Chronic Kidney Disease and Secondary Hyperparathyroidism. <i>Endocrine Practice</i> , 2015, 21, 743-749.	1.1	2
33	Modulation of Porcine Endogenous Retroviruses (PERVs) expression in vitro by shRNA in the presence of cyclosporine A and dexamethasone. <i>Annals of Transplantation</i> , 2012, 17, 92-107.	0.5	2
34	A new and improved method based on polymerase chain reaction-restriction fragment length polymorphism (PCR-RFLP) for the determination of A1298C mutation in the methylenetetrahydrofolate reductase (MTHFR) gene. <i>Annals of Clinical and Laboratory Science</i> , 2013, 43, 436-40.	0.2	1