

# Mariola Herbet

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36 papers	260 citations	9 h-index	14 g-index
40 ext. papers	461 ext. citations	3.7 avg, IF	3.73 L-index

#	Paper	IF	Citations
36	Chronic Variable Stress Is Responsible for Lipid and DNA Oxidative Disorders and Activation of Oxidative Stress Response Genes in the Brain of Rats. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 7313090	6.7	26
35	The beneficial effects of resveratrol on steatosis and mitochondrial oxidative stress in HepG2 cells. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2017</b> , 95, 1442-1453	2.4	21
34	Apigenin and hesperidin augment the toxic effect of doxorubicin against HepG2 cells. <i>BMC Pharmacology &amp; Toxicology</i> , <b>2019</b> , 20, 22	2.6	19
33	New hydrazide-hydrazones and 1,3-thiazolidin-4-ones with 3-hydroxy-2-naphthoic moiety: Synthesis, in vitro and in vivo studies. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 103, 1337-1347	7.5	17
32	Inhibition of glycolysis disrupts cellular antioxidant defense and sensitizes HepG2 cells to doxorubicin treatment. <i>FEBS Open Bio</i> , <b>2019</b> , 9, 959-972	2.7	16
31	Monoaminergic system is implicated in the antidepressant-like effect of hyperoside and protocatechuic acid isolated from <i>Impatiens glandulifera</i> Royle in mice. <i>Neurochemistry International</i> , <b>2019</b> , 128, 206-214	4.4	15
30	Role of the Intestinal Microbiome, Intestinal Barrier and Psychobiotics in Depression. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	14
29	Estimation of oxidative stress parameters in rats after simultaneous administration of rosuvastatin with antidepressants. <i>Pharmacological Reports</i> , <b>2016</b> , 68, 172-6	3.9	12
28	-Tocopherol Ameliorates Redox Equilibrium and Reduces Inflammatory Response Caused by Chronic Variable Stress. <i>BioMed Research International</i> , <b>2018</b> , 2018, 7210783	3	10
27	Acetylcholinesterase Inhibitors in the Treatment of Neurodegenerative Diseases and the Role of Acetylcholinesterase in their Pathogenesis. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	9
26	HPA Axis in the Pathomechanism of Depression and Schizophrenia: New Therapeutic Strategies Based on Its Participation. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	9
25	Chronic treatment with caffeine and its withdrawal modify the antidepressant-like activity of selective serotonin reuptake inhibitors in the forced swim and tail suspension tests in mice. Effects on Comt, Slc6a15 and Adora1 gene expression. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 337, 95-103	4.6	8
24	Effect of the interaction between atorvastatin and selective serotonin reuptake inhibitors on the blood redox equilibrium. <i>Experimental and Therapeutic Medicine</i> , <b>2016</b> , 12, 3440-3444	2.1	8
23	8-Cyclopentyl-1,3-dimethylxanthine enhances effectiveness of antidepressant in behavioral tests and modulates redox balance in the cerebral cortex of mice. <i>Saudi Pharmaceutical Journal</i> , <b>2018</b> , 26, 694-702	4.4	7
22	Resveratrol Limits Lipogenesis and Enhance Mitochondrial Activity in HepG2 Cells. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2018</b> , 21, 504-515	3.4	7
21	Edaravone presents antidepressant-like activity in corticosterone model of depression in mice with possible role of Fkbp5, Comt, Adora1 and Slc6a15 genes. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 380, 114689	4.6	6
20	Withdrawal of caffeine after its chronic administration modifies the antidepressant-like activity of atypical antidepressants in mice. Changes in cortical expression of Comt, Slc6a15 and Adora1 genes. <i>Psychopharmacology</i> , <b>2018</b> , 235, 2423-2434	4.7	5

19	The Role of Molecular and Inflammatory Indicators in the Assessment of Cognitive Dysfunction in a Mouse Model of Diabetes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
18	Altered expression of genes involved in brain energy metabolism as adaptive responses in rats exposed to chronic variable stress; changes in cortical level of glucogenic and neuroactive amino acids. <i>Molecular Medicine Reports</i> , <b>2019</b> , 19, 2386-2396	2.9	5
17	Chronic Stress and Oxidative Stress as Common Factors of the Pathogenesis of Depression and Alzheimer's Disease: The Role of Antioxidants in Prevention and Treatment. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
16	EVALUATION OF SELECTED BIOCHEMICAL PARAMETERS OF OXIDATIVE STRESS IN RATS PRETREATED WITH ROSUVASTATIN AND FLUOXETINE. <i>Acta Polonicae Pharmaceutica</i> , <b>2015</b> , 72, 261-5	1.3	5
15	Impact of combined treatment with rosuvastatin and antidepressants on liver and kidney function in rats. <i>Experimental and Therapeutic Medicine</i> , <b>2016</b> , 11, 1459-1464	2.1	4
14	Determination of Lipophilicity of Allyl Thiosemicarbazide, N1-Thiocarbamylamidrazone Derivatives, and their Cyclic Products by RP-HPLC, RP-TLC, and Theoretical Methods: Effects of Selected Compounds on the CNS of Mice. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2015</b> , 38, 1452-1465	1.3	3
13	New benzenesulphonohydrazide derivatives as potential antitumour agents. <i>Oncology Letters</i> , <b>2020</b> , 20, 136	2.6	3
12	Beneficial effects of combined administration of fluoxetine and mitochondria-targeted antioxidant at in behavioural and molecular studies in mice model of depression. <i>Behavioural Brain Research</i> , <b>2021</b> , 405, 113185	3.4	3
11	Influence of combined therapy with rosuvastatin and amitriptyline on the oxidation-reduction status in rats. <i>Acta Polonicae Pharmaceutica</i> , <b>2013</b> , 70, 913-7	1.3	3
10	Pioglitazone as a modulator of the chemoresistance of renal cell adenocarcinoma to methotrexate. <i>Oncology Reports</i> , <b>2020</b> , 43, 1019-1030	3.5	2
9	The Positive Synergism of CPT and MK-801 in Behavioral Tests and in Reduction of Environmental Stress and Redox Signaling Changes in Mice Cerebral Cortex. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2017</b> , 16, 837-845	2.6	2
8	The Interaction of Selective A1 and A2A Adenosine Receptor Antagonists with Magnesium and Zinc Ions in Mice: Behavioural, Biochemical and Molecular Studies. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
7	Preliminary Pharmacological Screening of Some Thiosemicarbazide, s-triazole, and Thiadiazole Derivatives. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2016</b> , 15, 730-9	2.6	1
6	Anxiolytic-like effects of the new arylpiperazine derivatives containing isonicotinic and picolinic nuclei: behavioral and biochemical studies. <i>Fundamental and Clinical Pharmacology</i> , <b>2019</b> , 33, 254-266	3.1	1
5	Novel 2,3-disubstituted 1,3-thiazolidin-4-one derivatives as potential antitumor agents in renal cell adenocarcinoma. <i>Oncology Reports</i> , <b>2019</b> , 41, 693-701	3.5	1
4	The novel adamantane derivatives as potential mediators of inflammation and neural plasticity in diabetes mice with cognitive impairment.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6708	4.9	1
3	Regulation of Neuroinflammatory Signaling by PPAR $\alpha$ Agonist in Mouse Model of Diabetes. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5502	6.3	0
2	Assessment of oxidative stress parameters in rats pretreated with Ukrain and amitriptyline. <i>Current Issues in Pharmacy and Medical Sciences</i> , <b>2012</b> , 25, 262-265	0.5	

- 1 The COVID-19 related problems encountered by nursing homes in Poland and the steps undertaken to prevent disease spread in the first phase of the epidemic. *Current Issues in Pharmacy and Medical Sciences*, **2021**, 34, 206-211 0.5