

# Mirjana B ÄEoloviÄ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/18263/publications.pdf>

Version: 2024-02-01

40  
papers

2,572  
citations

471061

17  
h-index

344852

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Effects of Fruit Wines against Hydrogen Peroxide-Induced Oxidative Stress in Rat Synaptosomes. <i>Agronomy</i> , 2021, 11, 1414.	1.3	20
2	Selected polyoxopalladates as promising and selective antitumor drug candidates. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 957-971.	1.1	9
3	Lithium - Pharmacological and Toxicological Aspects: The Current State of the Art. <i>Current Medicinal Chemistry</i> , 2020, 27, 337-351.	1.2	27
4	Analytical techniques for multiplex analysis of protein biomarkers. <i>Expert Review of Proteomics</i> , 2020, 17, 257-273.	1.3	60
5	A new acetylcholinesterase allosteric site responsible for binding voluminous negatively charged molecules – the role in the mechanism of AChE inhibition. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 151, 105376.	1.9	20
6	<i>In vivo</i> toxicity evaluation of two polyoxotungstates with potential antidiabetic activity using <i>Wistar</i> rats as a model system. <i>RSC Advances</i> , 2020, 10, 2846-2855.	1.7	8
7	Polyoxometalates in Biomedicine: Update and Overview. <i>Current Medicinal Chemistry</i> , 2020, 27, 362-379.	1.2	92
8	The effects of acutely and subchronically applied DL-methionine on plasma oxidative stress markers and activity of acetylcholinesterase in rat cardiac tissue. <i>Vojnosanitetski Pregled</i> , 2020, 77, 165-173.	0.1	0
9	Tetravalent Metal Ion Guests in Polyoxopalladate Chemistry: Synthesis and Anticancer Activity of [MO <sub>8</sub> Pd <sub>12</sub> (PO <sub>4</sub> ) <sub>8</sub> ] <sup>12-</sup> (M = Tj ETQq1 1 0.784314 rgBT10 Overlo	1.4	10
10	Experimental and theoretical insights of functionalized hexavanadates on Na <sup>+</sup> /K <sup>+</sup> -ATPase activity; molecular interaction field, ab initio calculations and in vitro assays. <i>Journal of Inorganic Biochemistry</i> , 2019, 198, 110720.	1.5	6
11	The effects of gasotransmitters inhibition on homocysteine acutely induced changes in oxidative stress markers in rat plasma. <i>Scripta Medica</i> , 2019, 50, 6-12.	0.0	1
12	The effects of certain gasotransmitters inhibition on homocysteine acutely induced changes on rat cardiac acetylcholinesterase activity. <i>Scripta Medica</i> , 2019, 50, 112-116.	0.0	1
13	Subchronic methionine load induces oxidative stress and provokes biochemical and histological changes in the rat liver tissue. <i>Molecular and Cellular Biochemistry</i> , 2018, 448, 43-50.	1.4	11
14	Effects of homocysteine and its related compounds on oxygen consumption of the rat heart tissue homogenate: the role of different gasotransmitters. <i>Molecular and Cellular Biochemistry</i> , 2018, 444, 143-148.	1.4	10
15	Modulation of rat synaptosomal ATPases and acetylcholinesterase activities induced by chronic exposure to the static magnetic field. <i>International Journal of Radiation Biology</i> , 2018, 94, 1062-1071.	1.0	12
16	Sulphur-containing Amino Acids: Protective Role Against Free Radicals and Heavy Metals. <i>Current Medicinal Chemistry</i> , 2018, 25, 324-335.	1.2	89
17	The effects of acute hyperhomocysteinemia induced by DL-homocysteine or DL-homocysteine thiolactone on serum biochemical parameters, plasma antioxidant enzyme and cardiac acetylcholinesterase activities in the rat. <i>Archives of Biological Sciences</i> , 2018, 70, 241-248.	0.2	0
18	The influence of oxo-bridged binuclear gold(III) complexes on Na <sup>+</sup> /K <sup>+</sup> -ATPase activity: a joint experimental and theoretical approach. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 819-832.	1.1	7

#	ARTICLE	IF	CITATIONS
19	Hyperhomocysteinemia induced by methionine nutritional overload more promptly affects brain than heart cholinergic system without affects on food intake and body mass gain. <i>Atherosclerosis</i> , 2017, 263, e168.	0.4	0
20	Toxicity evaluation of two polyoxotungstates with anti-acetylcholinesterase activity. <i>Toxicology and Applied Pharmacology</i> , 2017, 333, 68-75.	1.3	14
21	The effect of subchronic supplementation with folic acid and L-arginine on homocysteine-induced seizures. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 1083-1089.	0.7	9
22	A combined crystallographic analysis and ab initio calculations to interpret the reactivity of functionalized hexavanadates and their inhibitor potency toward Na <sup>+</sup> /K <sup>+</sup> -ATPase. <i>Journal of Inorganic Biochemistry</i> , 2016, 161, 27-36.	1.5	18
23	Metal Based Compounds, Modulators of Na, K-ATPase with Anticancer Activity. , 2016, , 389-425.		1
24	Biochemical Markers of Renal Function. <i>Current Medicinal Chemistry</i> , 2016, 23, 2018-2040.	1.2	42
25	The effect of subchronic supplementation with folic acid on homocysteine induced seizures. <i>Acta Physiologica Hungarica</i> , 2015, 102, 151-162.	0.9	7
26	In vitro evaluation of neurotoxicity potential and oxidative stress responses of diazinon and its degradation products in rat brain synaptosomes. <i>Toxicology Letters</i> , 2015, 233, 29-37.	0.4	36
27	Inhibition of Na <sup>+</sup> /K <sup>+</sup> -ATPase and cytotoxicity of a few selected gold(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2014, 140, 228-235.	1.5	11
28	In vitro effects of some gold complexes on Na <sup>+</sup> /K <sup>+</sup> ATPase activity and cell proliferation. <i>Journal of Inorganic Biochemistry</i> , 2013, 124, 35-41.	1.5	15
29	Investigation of reaction between quercetin and Au(III) in acidic media: mechanism and identification of reaction products. <i>New Journal of Chemistry</i> , 2013, 37, 901.	1.4	18
30	Acetylcholinesterase Inhibitors: Pharmacology and Toxicology. <i>Current Neuropharmacology</i> , 2013, 11, 315-335.	1.4	1,718
31	Organophosphorus insecticides: Toxic effects and bioanalytical tests for evaluating toxicity during degradation processes. <i>Hemijaska Industrija</i> , 2013, 67, 217-230.	0.3	5
32	Different Sensitivity of Various Brain Structures to Thioacetamide-Induced Lipid Peroxidation. <i>Medicinal Chemistry</i> , 2012, 8, 52-58.	0.7	14
33	Single and simultaneous exposure of acetylcholinesterase to diazinon, chlorpyrifos and their photodegradation products. <i>Pesticide Biochemistry and Physiology</i> , 2011, 100, 16-22.	1.6	32
34	Oxidation of diazinon and malathion by myeloperoxidase. <i>Pesticide Biochemistry and Physiology</i> , 2011, 100, 140-144.	1.6	22
35	Inhibition of rat synaptic membrane Na <sup>+</sup> /K <sup>+</sup> -ATPase and ecto-nucleoside triphosphate diphosphohydrolases by 12-tungstosilicic and 12-tungstophosphoric acid. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7063-7069.	1.4	23
36	Toxic effects of diazinon and its photodegradation products. <i>Toxicology Letters</i> , 2010, 193, 9-18.	0.4	84

#	ARTICLE	IF	CITATIONS
37	Influence of decavanadate on rat synaptic plasma membrane ATPases activity. <i>General Physiology and Biophysics</i> , 2009, 28, 302-306.	0.4	16
38	The activity of erythrocyte and brain Na <sup>+</sup> /K <sup>+</sup> and Mg <sup>2+</sup> -ATPases in rats subjected to acute homocysteine and homocysteine thiolactone administration. <i>Molecular and Cellular Biochemistry</i> , 2009, 327, 39-45.	1.4	44
39	Interaction of the [PtCl <sub>2</sub> (DMSO) <sub>2</sub> ] Complex with L-Cysteine. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 103-108.	0.6	10
40	Inhibition of AChE by malathion and some structurally similar compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 562-573.	2.5	43