

# Sladan Z PavloviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

674  
citations

566801

15  
h-index

610482

24  
g-index

51  
all docs

51  
docs citations

51  
times ranked

987  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Cadmium and Selenium on the Antioxidant Defense System in Rat Kidneys. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1997, 117, 167-172.	0.5	51
2	The activity of antioxidant defence enzymes in the mussel <i>Mytilus galloprovincialis</i> from the Adriatic Sea. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 366-374.	1.3	49
3	Seasonal Variations of the Activity of Antioxidant Defense Enzymes in the Red Mullet ( <i>Mullus barbatus</i> ) Tj ETQq1 1 0,784314 rgBT/O	2.2	48
4	Antioxidant defence enzyme activities in hepatopancreas, gills and muscle of Spiny cheek crayfish ( <i>Orconectes limosus</i> ) from the River Danube. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 147, 122-128.	1.3	41
5	Superoxide dismutase and catalase activities in the liver and muscle of barbel ( <i>Barbus barbus</i> ) and its intestinal parasite ( <i>Pomphorynchus laevis</i> ) from the Danube river, Serbia. <i>Archives of Biological Sciences</i> , 2010, 62, 97-105.	0.2	39
6	Influence of some metal concentrations on the activity of antioxidant enzymes and concentrations of vitamin E and SH-groups in the digestive gland and gills of the freshwater bivalve <i>Unio tumidus</i> from the Serbian part of Sava River. <i>Ecological Indicators</i> , 2013, 32, 212-221.	2.6	31
7	Antioxidative responses of the tissues of two wild populations of <i>Pelophylax kl. esculentus</i> frogs to heavy metal pollution. <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 21-29.	2.9	27
8	Combined effects of coenzyme Q10 and Vitamin E in cadmium induced alterations of antioxidant defense system in the rat heart. <i>Environmental Toxicology and Pharmacology</i> , 2006, 22, 219-224.	2.0	26
9	A Report of <i>Orconectes (Faxonius) Limosus</i> (Rafinesque, 1817) [Crustacea: Decapoda: Astacidea: Cambaridae: Orconectes: Subgenus Faxonius] in the Serbian Part of the River Danube. <i>Biotechnology and Biotechnological Equipment</i> , 2006, 20, 53-56.	0.5	24
10	Glutathione as a suitable biomarker in hepatopancreas, gills and muscle of three freshwater crayfish species. <i>Archives of Biological Sciences</i> , 2008, 60, 59-66.	0.2	24
11	Comparative study of oxidative stress parameters and acetylcholinesterase activity in the liver of <i>Pelophylax esculentus</i> complex frogs. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 51-58.	1.8	19
12	Changes in antioxidant enzyme activities in the livers and gills of three cyprinids after exposure to a cyanobacterial bloom in the Gruža Reservoir, Serbia. <i>Ecological Indicators</i> , 2014, 38, 141-148.	2.6	18
13	Sublethal effects of the pyrethroid insecticide deltamethrin on oxidative stress parameters in green toad ( <i>Bufo viridis</i> L.). <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2814-2822.	2.2	18
14	Oxidative stress biomarkers, cholinesterase activity and biotransformation enzymes in the liver of dice snake ( <i>Natrix tessellata</i> Laurenti) during pre-hibernation and post-hibernation: A possible correlation with heavy metals in the environment. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 154-162.	2.9	18
15	Bioaccumulation and effects of metals on oxidative stress and neurotoxicity parameters in the frogs from the <i>Pelophylax esculentus</i> complex. <i>Ecotoxicology</i> , 2016, 25, 1531-1542.	1.1	17
16	Results of the 2006 Sava survey: Aquatic macroinvertebrates. <i>Archives of Biological Sciences</i> , 2008, 60, 265-271.	0.2	16
17	Oxidative stress in <i>Pelophylax esculentus</i> complex frogs in the wild during transition from aquatic to terrestrial life. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 234, 98-105.	0.8	15
18	The protective role of virgin coconut oil on the alloxan-induced oxidative stress in the liver, kidneys and heart of diabetic rats. <i>Food and Function</i> , 2019, 10, 2114-2124.	2.1	15

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19	The Effects of Meldonium on the Renal Acute Ischemia/Reperfusion Injury in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5747.	1.8	15
20	Superoxide dismutase and catalase activities in the digestive gland and gills of the freshwater bivalve <i>Unio pictorum</i> from the Sava river. <i>Archives of Biological Sciences</i> , 2011, 63, 185-192.	0.2	13
21	Biomarkers of oxidative stress and metal accumulation in marsh frog ( <i>Pelophylax ridibundus</i> ). <i>Environmental Science and Pollution Research</i> , 2016, 23, 9649-9659.	2.7	12
22	Lipidomics Provides New Insight into Pathogenesis and Therapeutic Targets of the Ischemia-Induced Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2798.	1.8	11
23	The effects of meldonium on the acute ischemia/reperfusion liver injury in rats. <i>Scientific Reports</i> , 2021, 11, 1305.	1.6	11
24	Biomarkers of oxidative stress and acetylcholinesterase activity in the blood of grass snake ( <i>Natrix</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Technology, 2015, 58, 443-453.	0.5	10
25	Oxidative stress parameters in two <i>Pelophylax esculentus</i> complex frogs during pre- and post-hibernation: Arousal vs heavy metals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 202, 19-25.	1.3	9
26	Glutathione dependent enzyme activities in the foot of three freshwater mussel species in the Sava river, Serbia. <i>Archives of Biological Sciences</i> , 2007, 59, 169-175.	0.2	9
27	Biochemical and ultrastructural changes in the liver of European perch ( <i>Perca fluviatilis</i> L.) in response to cyanobacterial bloom in the Gruza reservoir. <i>Archives of Biological Sciences</i> , 2011, 63, 979-989.	0.2	9
28	Seasonal changes in oxidative stress biomarkers of the snail <i>Viviparus acerosus</i> from the Velika Morava River, Serbia. <i>Archives of Biological Sciences</i> , 2012, 64, 953-962.	0.2	7
29	Glutathione-dependent enzyme activities and concentrations of glutathione, vitamin E and sulfhydryl groups in barbel ( <i>Barbus barbus</i> ) and its intestinal parasite <i>Pomphorhynchus laevis</i> ( <i>Acanthocephala</i> ). <i>Ecological Indicators</i> , 2015, 54, 31-38.	2.6	7
30	Prooxidant effects of chronic exposure to deltamethrin in green toad <i>Bufo viridis</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 30597-30608.	2.7	6
31	Association between oxidative stress biomarkers and concentrations of some metal ions in the blood of patients with brain tumors and hydrocephalus. <i>Archives of Medical Science</i> , 2020, 16, 811-819.	0.4	6
32	The concentrations of antioxidant compounds in the hepatopancreas, the gills and muscle of some freshwater crayfish species. <i>Acta Biologica Hungarica</i> , 2006, 57, 449-458.	0.7	6
33	Cadmium and Fullerenes in Liver Diseases. , 2019, , 333-344.		5
34	Effects of metals on blood oxidative stress biomarkers and acetylcholinesterase activity in dice snakes ( <i>Natrix tessellata</i> ) from Serbia. <i>Archives of Biological Sciences</i> , 2015, 67, 303-315.	0.2	5
35	Evaluation of the river snail <i>Viviparus acerosus</i> as a potential bioindicator species of metal pollution in freshwater ecosystems. <i>Archives of Biological Sciences</i> , 2019, 71, 39-47.	0.2	5
36	Differences between antioxidant defense parameters and specific trace element concentrations in healthy, benign, and malignant brain tissues. <i>Scientific Reports</i> , 2021, 11, 14766.	1.6	4

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37	Activity of oxidative stress biomarkers in the white muscle of red mullet ( <i>Mullus barbatus</i> L.) from the Adriatic sea. <i>Archives of Biological Sciences</i> , 2009, 61, 693-701.	0.2	4
38	The Effects of a Meldonium Pre-Treatment on the Course of the Faecal-Induced Sepsis in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9698.	1.8	3
39	A possible protective role of coenzyme Q10 on antioxidant defense system in the heart of rats treated with cadmium. <i>Journal of Medical Biochemistry</i> , 2005, 24, 121-127.	0.1	3
40	Integrated response of antioxidant biomarkers in the liver and white muscle of European hake ( <i>Merluccius merluccius</i> L.) females from the Adriatic sea with respect to environmental influences. <i>Archives of Biological Sciences</i> , 2018, 70, 205-214.	0.2	3
41	Antioxidant enzymes in the liver of <i>Chelidonichthys obscurus</i> from the Montenegrin coastline. <i>Open Life Sciences</i> , 2013, 8, 747-755.	0.6	2
42	Do different diets affect oxidative stress biomarkers and metal bioaccumulation in two snake species?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 223, 26-34.	1.3	2
43	Activities of superoxide dismutase and catalase in the foot of three freshwater mussel species. <i>Archives of Biological Sciences</i> , 2007, 59, 17P-19P.	0.2	2
44	Glutathione redox status in some tissues and the intestinal parasite <i>Pomphorhynchus laevis</i> ( <i>Acanthocephala</i> ) from barbel ( <i>Barbus barbus</i> ) (Pisces) from the Danube river. <i>Archives of Biological Sciences</i> , 2007, 59, P57-P58.	0.2	2
45	Antioxidant parameters in fish white muscle as biomarkers of exposure to a cyanobacterial bloom. <i>Biologia (Poland)</i> , 2015, 70, 831-838.	0.8	1
46	A first record of the antioxidant defense and selected trace elements in <i>Salamandra salamandra</i> larvae on Mt. Avala and Mt. Vrsacki Breg (Serbia). <i>Archives of Biological Sciences</i> , 2020, 72, 491-501.	0.2	1
47	Metal and metalloid bioaccumulation in three centipedes (Chilopoda). <i>Archives of Biological Sciences</i> , 2022, , 19-19.	0.2	1
48	Effects of prolonged atherogenic diet on lipid status and some antioxidant parameters in rat blood. <i>Journal of Medical Biochemistry</i> , 2002, 21, 31-36.	0.1	0
49	Effects of acute hypoxia on the energy status and antioxidant defense system in the blood of carp - <i>Cyprinus carpio</i> L.. <i>Archives of Biological Sciences</i> , 2002, 54, 11-18.	0.2	0
50	Effect of coenzyme Q10 on ascorbic acid, vitamin E, and coenzyme Q concentrations in testes of rats chronically exposed to cadmium. <i>Archives of Biological Sciences</i> , 2006, 58, 19P-20P.	0.2	0