

Zorica S SaiÄiÄ

List of Publications by Year in descending order

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74
papers

1,272
citations

430442

18
h-index

395343

33
g-index

75
all docs

75
docs citations

75
times ranked

2023
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium-induced lipid peroxidation and changes in antioxidant defense system in the rat testes: Protective role of coenzyme Q10 and Vitamin E. <i>Reproductive Toxicology</i> , 2010, 29, 191-197.	1.3	166
2	Lipid Peroxidative Damage on Cisplatin Exposure and Alterations in Antioxidant Defense System in Rat Kidneys: A Possible Protective Effect of Selenium. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1790-1803.	1.8	98
3	Antioxidant status and lipid peroxidation in the blood of breast cancer patients of different ages after chemotherapy with 5-fluorouracil, doxorubicin and cyclophosphamide. <i>Clinical Biochemistry</i> , 2010, 43, 1287-1293.	0.8	70
4	Oxidative stress and changes in antioxidative defense system in erythrocytes of preeclampsia in women. <i>Reproductive Toxicology</i> , 2008, 25, 213-218.	1.3	52
5	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
6	Seasonal Variations of the Activity of Antioxidant Defense Enzymes in the Red Mullet (<i>Mullus barbatus</i>) Tj ETQq 0,0,rgBT /Overlock 10	2.2	48
7	Antioxidant status and lipid peroxidation in small intestinal mucosa of children with celiac disease. <i>Clinical Biochemistry</i> , 2009, 42, 1431-1437.	0.8	46
8	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
9	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
10	Protective effects of oestradiol against cadmium-induced changes in blood parameters and oxidative damage in rats. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2014, 65, 37-46.	0.4	35
11	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
12	Role of selenium and vitamin C in mitigating oxidative stress induced by fenitrothion in rat liver. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 232-238.	2.5	30
13	Comparative assessment of the antioxidative defense system in subadult and adult anurans: A lesson from the <i>Bufo viridis</i> toad. <i>Zoology</i> , 2018, 130, 30-37.	0.6	28
14	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
15	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
16	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
17	Antioxidative and haematoprotective activity of coenzyme Q10 and vitamin E against cadmium-induced oxidative stress in Wistar rats. <i>Toxicology and Industrial Health</i> , 2017, 33, 746-756.	0.6	23
18	Correlation analysis confirms differences in antioxidant defence in the blood of types I and II schizophrenic male patients treated with anti-psychotic medication. <i>Psychiatry Research</i> , 2010, 178, 68-72.	1.7	19

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19	Comparative study of oxidative stress parameters and acetylcholinesterase activity in the liver of Pelophylax esculentus complex frogs. Saudi Journal of Biological Sciences, 2017, 24, 51-58.	1.8	19
20	Prooxidative effects of aspartame on antioxidant defense status in erythrocytes of rats. Journal of Biosciences, 2014, 39, 859-866.	0.5	18
21	Changes in antioxidant enzyme activities in the livers and gills of three cyprinids after exposure to a cyanobacterial bloom in the GruÅ¼a Reservoir, Serbia. Ecological Indicators, 2014, 38, 141-148.	2.6	18
22	Sublethal effects of the pyrethroid insecticide deltamethrin on oxidative stress parameters in green toad (<i>Bufotes viridis</i> L.). Environmental Toxicology and Chemistry, 2017, 36, 2814-2822.	2.2	18
23	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. Ecotoxicology and Environmental Safety, 2017, 138, 154-162.	2.9	18
24	Bioaccumulation and effects of metals on oxidative stress and neurotoxicity parameters in the frogs from the Pelophylax esculentus complex. Ecotoxicology, 2016, 25, 1531-1542.	1.1	17
25	Effect of aspartame on biochemical and oxidative stress parameters in rat blood. Archives of Biological Sciences, 2015, 67, 535-545.	0.2	17
26	Results of the 2006 Sava survey: Aquatic macroinvertebrates. Archives of Biological Sciences, 2008, 60, 265-271.	0.2	16
27	The antioxidative effect of estradiol therapy on erythrocytes in women with preeclampsia. Reproductive Toxicology, 2010, 29, 231-236.	1.3	15
28	The ameliorating effects of selenium and vitamin C against fenitrothion-induced blood toxicity in Wistar rats. Environmental Toxicology and Pharmacology, 2017, 56, 204-209.	2.0	14
29	The Effect of Coenzyme Q10 on Blood Ascorbic Acid, Vitamin E, and Lipid Peroxide in Chronic Cadmium Intoxication. Journal of Environmental Pathology, Toxicology and Oncology, 2001, 20, 8.	0.6	14
30	Superoxide dismutase and catalase activities in the digestive gland and gills of the freshwater bivalve Unio pictorum from the Sava river. Archives of Biological Sciences, 2011, 63, 185-192.	0.2	13
31	Copper-induced changes of lipid peroxidation and hemato-biochemical parameters in rat blood: Protective role of flavonoids. Archives of Biological Sciences, 2014, 66, 1271-1279.	0.2	13
32	Biomarkers of oxidative stress and metal accumulation in marsh frog (Pelophylax ridibundus). Environmental Science and Pollution Research, 2016, 23, 9649-9659.	2.7	12
33	Oxidative cost of interspecific hybridization: a case study of two Triturus species and their hybrids. Journal of Experimental Biology, 2018, 221, .	0.8	12
34	Distribution of superoxide dismutase in the ground squirrel (Citellus citellus): Effect of the hibernation and arousal. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1983, 75, 699-700.	0.2	11
35	Selective effect of noradrenaline on superoxide dismutase activity in the brown adipose tissue and liver of the rat. Experientia, 1981, 37, 14-14.	1.2	10
36	Copper-Zinc Containing and Manganese Containing Superoxide Dismutase in the Ground Squirrel/Citellus Citellus/â€”THE Effect of Hibernation. Free Radical Research Communications, 1986, 1, 339-346.	1.8	10

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37	Biomarkers of oxidative stress and acetylcholinesterase activity in the blood of grass snake (<i>Natrix</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Technology, 2015, 58, 443-453.	0.5	10
38	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
39	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
40	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
41	Concentration of antioxidant compounds and lipid peroxidation in the liver and white muscle of hake (<i>Merluccius merluccius</i> L.) in the Adriatic sea. <i>Archives of Biological Sciences</i> , 2008, 60, 601-607.	0.2	8
42	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
43	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
44	Protective effects of quercetin and vitamin C against nicotine-induced toxicity in the blood of Wistar rats. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016, 67, 304-310.	0.4	7
45	Antioxidative biomarkers and cancerogenesis. <i>Journal of Medical Biochemistry</i> , 2006, 25, 397-402.	0.1	6
46	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
47	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
48	Seasonal variations of cytosolic antioxidant enzyme activities in the liver and white muscle of thinlip gray mullet (<i>Liza ramada</i> Risso) from the Adriatic Sea. <i>Cryo-Letters</i> , 2004, 25, 273-85.	0.1	6
49	A comparative study of the effects of molsidomine and 3-morpholinosydnonimine on the redox status of rat erythrocytes and reticulocytes. <i>Cell Biochemistry and Function</i> , 2007, 25, 251-258.	1.4	5
50	Hematoprotective effects and antioxidant properties of Î²-glucan and vitamin C against acetaminophen-induced toxicity: an experimental study in rats. <i>Drug and Chemical Toxicology</i> , 2021, 44, 302-309.	1.2	5
51	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
52	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
53	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
54	Aflatoxin B1-induced changes of glutathione-S-transferase activity in the plasma and liver of the rat. <i>Vojnosanitetski Pregled</i> , 2003, 60, 415-420.	0.1	4

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55	Antioxidative enzymes in irradiated rat brain€”indicators of different regional radiosensitivity. <i>Child's Nervous System</i> , 2015, 31, 2249-2256.	0.6	3
56	Hormones and Antioxidant Defense. , 1991, , 405-413.		3
57	Time course of hematological parameters in bleeding-induced anemia. <i>Archives of Biological Sciences</i> , 2009, 61, 165-170.	0.2	3
58	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
59	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
60	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
61	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
62	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
63	Effect of thyroxine on glutathione-dependent antioxidant enzyme activities and glutathione content in the interscapular brown adipose tissue of different matured rats. <i>Journal of Medical Biochemistry</i> , 2004, 23, 367-373.	0.1	2
64	Activities of antioxidant defense enzymes in the blood of individuals with Leu144Phe mutation. <i>Journal of Medical Biochemistry</i> , 2005, 24, 111-114.	0.1	2
65	Superoxide dismutase activity as a function of culture aging of B-16 mouse melanoma cells. <i>Journal of the Serbian Chemical Society</i> , 2004, 69, 1005-1011.	0.4	2
66	Glutathione redox status in some tissues and the intestinal parasite <i>Pomphorhynchus laevis</i> (<i>Acanthocephala</i>) from barbel (<i>Barbus barbus</i>) (<i>Pisces</i>) from the Danube river. <i>Archives of Biological Sciences</i> , 2007, 59, P57-P58.	0.2	2
67	Effects of cisplatin on lipid peroxidation and the glutathione redox status in the liver of male rats: The protective role of selenium. <i>Archives of Biological Sciences</i> , 2010, 62, 75-82.	0.2	2
68	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
69	Neuropeptide Y reduces migration capacity of human choriocarcinoma cell line by altering oxidative/antioxidative status. <i>Turkish Journal of Biology</i> , 2017, 41, 292-301.	2.1	1
70	Energy production and redox status of rat red blood cells after reticulocytosis induced by various treatments. <i>Acta Biologica Hungarica</i> , 2011, 62, 122-132.	0.7	0
71	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
72	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

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73	Effect of coenzyme Q10 on ascorbic acid, vitamin E, and coenzyme Q concentrations in testes of rats chronically exposed to cadmium. Archives of Biological Sciences, 2006, 58, 19P-20P.	0.2	0
74	Glutathione status in the blood of rats after reticulocytosis induced by phenylhydrazine and bleeding. Archives of Biological Sciences, 2010, 62, 589-594.	0.2	0