

# Dajana D TodoroviÄ

## List of Publications by Year in descending order

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46  
papers

364  
citations

840776

11  
h-index

996975

15  
g-index

46  
all docs

46  
docs citations

46  
times ranked

339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameters of oxidative stress, cholinesterase activity, Cd bioaccumulation in the brain and midgut of <i>Lymantria dispar</i> (Lepidoptera: Lymantriidae) caterpillars from unpolluted and polluted forests. <i>Chemosphere</i> , 2019, 218, 416-424.	8.2	21
2	Effect of magnetic fields on antioxidative defense and fitness-related traits of <i>Baculum extradentatum</i> (Insecta, phasmatodea). <i>Bioelectromagnetics</i> , 2012, 33, 265-273.	1.6	20
3	Changes in activity of non-specific esterases in cadmium treated <i>Lymantria dispar</i> larvae. <i>Ecotoxicology</i> , 2012, 21, 370-378.	2.4	19
4	Glutathione S-transferase in the midgut tissue of gypsy moth ( <i>Lymantria dispar</i> ) caterpillars exposed to dietary cadmium. <i>Environmental Toxicology and Pharmacology</i> , 2016, 44, 13-17.	4.0	18
5	Cadmium and high temperature effects on brain and behaviour of <i>Lymantria dispar</i> L. caterpillars originating from polluted and less-polluted forests. <i>Chemosphere</i> , 2017, 185, 628-636.	8.2	17
6	The influence of static magnetic field (50 mT) on development and motor behaviour of <i>Tenebrio</i> (Insecta, Coleoptera). <i>International Journal of Radiation Biology</i> , 2013, 89, 44-50.	1.8	16
7	A method for detecting the effect of magnetic field on activity changes of neuronal populations of <i>Morimus funereus</i> (coleoptera, cerambycidae). <i>Bioelectromagnetics</i> , 2007, 28, 238-241.	1.6	15
8	Physiological and behavioral effects of the mycotoxin deoxynivalenol in <i>Tenebrio molitor</i> larvae. <i>Journal of Stored Products Research</i> , 2019, 83, 236-242.	2.6	13
9	Life history traits and the activity of antioxidative enzymes in <i>Lymantria dispar</i> L. (Lepidoptera). <i>Tj ETQq1 1 0.784314 rgBT /Ove</i> 34, 2618-2624.	4.3	12
10	Short- and long-term exposure to alternating magnetic field (50 Hz, 0.5 mT) affects rat pituitary ACTH cells: Stereological study. <i>Environmental Toxicology</i> , 2016, 31, 461-468.	4.0	12
11	The effects of tannic acid on the fitness-related traits of <i>Lymantria dispar</i> L. larvae. <i>Archives of Biological Sciences</i> , 2011, 63, 1037-1045.	0.5	12
12	Effects of fluoranthene on the fitness-related traits and antioxidative defense in <i>Lymantria dispar</i> L.. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10367-10374.	5.3	11
13	Evaluation of oxidative stress biomarkers in the freshwater gammarid <i>Gammarus dulensis</i> exposed to trout farm outputs. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 84-95.	6.0	11
14	Effects of ghrelin on the feeding behavior of <i>Lymantria dispar</i> L. (Lymantriidae) caterpillars. <i>Appetite</i> , 2009, 53, 147-150.	3.7	10
15	Changes in the expression and current of the Na <sup>+</sup> /K <sup>+</sup> pump in the snail nervous system after exposure to static magnetic field. <i>Journal of Experimental Biology</i> , 2013, 216, 3531-41.	1.7	10
16	Effects of dietary fluoranthene on nymphs of <i>Blattica dubia</i> S. (Blattodea: Blaberidae). <i>Environmental Science and Pollution Research</i> , 2019, 26, 6216-6222.	5.3	10
17	The embryonic and post-embryonic development in two <i>Drosophila</i> species exposed to the static magnetic field of 60 mT. <i>Electromagnetic Biology and Medicine</i> , 2011, 30, 108-114.	1.4	9
18	Effects of different insecticides on the antioxidative defense system of the European Corn Borer ( <i>Ostrinia nubilalis</i> Hbner) (Lepidoptera: Crambidae) larvae. <i>Archives of Biological Sciences</i> , 2018, 70, 765-773.	0.5	8

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19	Prothoracicotropic hormone-producing neurosecretory neurons and antioxidative defense in midgut of <i>Lymantria dispar</i> in trophic stress. <i>Turkish Journal of Biology</i> , 2014, 38, 403-411.	0.8	7
20	Estimation of changes in fitness components and antioxidant defense of <i>Drosophila subobscura</i> (Insecta, Diptera) after exposure to 2.4 T strong static magnetic field. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5305-5314.	5.3	7
21	Response of $\hat{I}\pm$ -glucosidase in gypsy moth larvae to acute and chronic dietary cadmium. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015, 50, 285-292.	1.5	7
22	Effect of fluoranthene on antioxidative defense in different tissues of <i>Lymantria dispar</i> and <i>Euproctis chrysorrhoea</i> larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 224, 108565.	2.6	7
23	Temperature and magnetic field effects on the activity of protocerebral neurosecretory neurons and corpora allata in <i>Cerambyx cerdo</i> L. larvae. <i>Archives of Biological Sciences</i> , 2005, 57, 19-24.	0.5	7
24	Viability of old house borer ( <i>Hylotrupes bajulus</i> ) larvae exposed to a constant magnetic field of 98 mT under laboratory conditions. <i>Archives of Biological Sciences</i> , 2009, 61, 129-134.	0.5	7
25	The trout farm effect on <i>Dinocras megacephala</i> (Plecoptera: Perlidae) larvae: Antioxidative defense. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1775-1782.	4.3	6
26	Mesoporous silica nanoparticles SBA-15 loaded with emodin upregulate the antioxidative defense of <i>Euproctis chrysorrhoea</i> (L.) larvae. <i>Turkish Journal of Biology</i> , 2017, 41, 935-942.	0.8	6
27	The impact of chronic exposure to a magnetic field on energy metabolism and locomotion of <i>Blaptica dubia</i> . <i>International Journal of Radiation Biology</i> , 2020, 96, 1076-1083.	1.8	6
28	Effect of glutamate antagonists on nitric oxide production in rat brain following intrahippocampal injection. <i>Archives of Biological Sciences</i> , 2007, 59, 29-36.	0.5	6
29	Changes in <i>Lymantria dispar</i> protocerebral neurosecretory neurons after exposure to cadmium. <i>Archives of Biological Sciences</i> , 2011, 63, 1287-1292.	0.5	6
30	Effects of Extremely Low Frequency (50 Hz) Magnetic Field on Development Dynamics of the Housefly ( <i>Musca domestica</i> L.). <i>Electromagnetic Biology and Medicine</i> , 2005, 24, 99-107.	1.4	5
31	Photonic structures improve radiative heat exchange of <i>Rosalia alpina</i> (Coleoptera: Cerambycidae). <i>Journal of Thermal Biology</i> , 2018, 76, 126-138.	2.5	5
32	Long-term exposure of cockroach <i>Blaptica dubia</i> (Insecta: Blaberidae) nymphs to magnetic fields of different characteristics: effects on antioxidant biomarkers and nymphal gut mass. <i>International Journal of Radiation Biology</i> , 2019, 95, 1185-1193.	1.8	5
33	Sensitivity of midgut physiological parameters of <i>Lymantria dispar</i> L. larvae to benzo[a]pyrene in populations with different multigeneration contact to environmental pollutants. <i>Environmental Pollution</i> , 2021, 288, 117706.	7.5	5
34	Responses of PTH $\hat{C}$ producing neurosecretory neurons in <i>Lymantria dispar</i> caterpillars exposed to cadmium. <i>Environmental Toxicology</i> , 2014, 29, 770-779.	4.0	4
35	Effects of the static and ELF magnetic fields on the neuronal population activity in <i>Morimus funereus</i> (Coleoptera, Cerambycidae) antennal lobe revealed by wavelet analysis. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 181, 27-35.	1.8	4
36	Influence of a trout farm on antioxidant defense in larvae of <i>Ephemera danica</i> (Insecta: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,62 Td (Eph	1.1	4

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37	The response of dorsomedial A1 <sup>TM</sup> and dorsolateral L2 <sup>TM</sup> neurosecretory neurons of <i>Lymantria dispar</i> L. caterpillars to the acute effects of magnetic fields. <i>Archives of Biological Sciences</i> , 2011, 63, 167-176.	0.5	4
38	Effects of tannic acid on trypsin and leucine aminopeptidase activities in gypsy moth larval midgut. <i>Archives of Biological Sciences</i> , 2013, 65, 1405-1413.	0.5	3
39	Effects of two different waveforms of ELF MF on bioelectrical activity of antennal lobe neurons of <i>Morimus funereus</i> (Insecta, Coleoptera). <i>International Journal of Radiation Biology</i> , 2015, 91, 435-442.	1.8	2
40	Increased motor activity of the beetle <i>Aemostenus punctatus</i> caused by a static magnetic field of 110 $\mu$ T. <i>Entomologia Experimentalis Et Applicata</i> , 2016, 160, 188-194.	1.4	2
41	Implications of long-term exposure of a <i>Lymantria dispar</i> L. population to pollution for the response of larval midgut proteases and acid phosphatases to chronic cadmium treatment. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 250, 109172.	2.6	2
42	The specific response of gypsy moth A1 neurosecretory neurons to different environmental stressors. <i>Biologia (Poland)</i> , 2014, 69, 1384-1394.	1.5	1
43	Effects of fluoranthene on digestive enzymes activity and relative growth rate of larvae of lepidopteran species, <i>Lymantria dispar</i> L. and <i>Euproctis chrysorrhoea</i> L.. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109123.	2.6	1
44	Adjustment of L1 neurosecretory neuron activity in response to different stressors in gypsy moth caterpillars. <i>Archives of Biological Sciences</i> , 2015, 67, 965-972.	0.5	1
45	Effect of Cadmium Dietary Intake on Midgut $\beta$ -Glucosidase of <i>Lymantria dispar</i> Larvae. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2020, 56, 243-251.	0.6	0
46	Biological effects of chronic exposure of <i>Blattica dubia</i> (Blattodea: Blaberidae) nymphs to static and extremely low frequency magnetic fields. <i>Anais Da Academia Brasileira De CiÄncias</i> , 2021, 93, e20190118.	0.8	0