

# Dajana D TodoroviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

364  
citations

840585

11  
h-index

996849

15  
g-index

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all docs

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docs citations

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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. | 4.2 | 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.  | 0.9 | 20        |
| 3  | Changes in activity of non-specific esterases in cadmium treated <i>Lymantria dispar</i> larvae. <i>Ecotoxicology</i> , 2012, 21, 370-378.   | 1.1 | 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.  | 2.0 | 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.   | 4.2 | 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.   | 1.0 | 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.   | 0.9 | 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.  | 1.2 | 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.   | 2.2 | 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.  | 2.1 | 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.   | 0.2 | 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.  | 2.7 | 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.   | 2.9 | 11        |
| 14 | Effects of ghrelin on the feeding behavior of <i>Lymantria dispar</i> L. (Lymantriidae) caterpillars. <i>Appetite</i> , 2009, 53, 147-150.   | 1.8 | 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.                                    | 0.8 | 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.  | 2.7 | 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.  | 0.7 | 9         |
| 18 | Effects of different insecticides on the antioxidative defense system of the European Corn Borer ( <i>Ostrinia nubilalis</i> HÅ³4bner) (Lepidoptera: Crambidae) larvae. <i>Archives of Biological Sciences</i> , 2018, 70, 765-773.                    | 0.2 | 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.  | 2.1 | 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.   | 2.7 | 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.  | 0.7 | 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.   | 1.3 | 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.   | 0.2 | 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.  | 0.2 | 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.   | 2.2 | 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.   | 2.1 | 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.  | 1.0 | 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.   | 0.2 | 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.  | 0.2 | 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.   | 0.7 | 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.   | 1.1 | 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.                                  | 1.0 | 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.  | 3.7 | 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.  | 2.1 | 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. | 0.8 | 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  | 0.5 | 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.  | 0.2 | 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.   | 0.2 | 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.   | 1.0 | 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.  | 0.7 | 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. | 1.3 | 2         |
| 42 | The specific response of gypsy moth A1 neurosecretory neurons to different environmental stressors. <i>Biologia (Poland)</i> , 2014, 69, 1384-1394.  | 0.8 | 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.         | 1.3 | 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.   | 0.2 | 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.   | 0.2 | 0         |
| 46 | Biological effects of chronic exposure of <i>Blaptica dubia</i> (Blattodea: Blaberidae) nymphs to static and extremely low frequency magnetic fields. <i>Anais Da Academia Brasileira De CiÄncias</i> , 2021, 93, e20190118.  | 0.3 | 0         |