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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | | **Željko Popović** | | | | | | | |
| **Title** | | | | | Associate Professor | | | | | | | |
| **Narrow scientific area** | | | | | Molecular biology | | | | | | | |
| **Academic career** | | | | **Year** | **Institution** | | | **Narrow scientific field or art field** | | | | |
| Election to the title | | | | 2019 | Faculty of Sciences, University of Novi Sad | | | Molecular biology | | | | |
| PhD | | | | 2014 | Faculty of Biology, University of Belgrade | | | Molecular biology | | | | |
| Master degree | | | |  |  | | |  | | | | |
| Master diploma | | | | 2007 | Faculty of Sciences, University of Novi Sad | | | Functional biology | | | | |
| Diploma | | | | 2006 | Faculty of Sciences, University of Novi Sad | | | Animal physiology | | | | |
| **A list of dissertations-doctoral art projects in which the teacher is or was a mentor in the past 10 years** | | | | | | | | | | | | |
| No. | | Title of the dissertation – doctoral art project | | | | | Name of the candidate | | \*submitted | | \*\* defended | |
| 1. | | Eco-physiological basis of diapause of the European corn borer *Ostrinia nubilalis* (Hbn., 1796) - response to above average temperatures during winter | | | | | Iva Uzelac | | 12.07.2018 | |  | |
| 2. | | Intrinsically disordered proteins of the European corn borer *Ostrinia nubilalis* (Hbn., 1796) | | | | | Miloš Avramov | | 30.05.2019 | |  | |
| \* Year in which the dissertation-doctoral art project was submitted (for dissertations-doctoral art projects in progress) \*\* The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period) | | | | | | | | | | | | |
| **Categorization of the publication of scientific papers in the field of the given study program according to the classification of the relevant Ministry of Education, Science and Technological Development and in accordance with the additional requirements of the standard for the given field (minimum 5 not more than 20)** | | | | | | | | | | | | |
|  | Kojić, Danijela, **Željko D. Popović**, Dejan Orčić, Jelena Purać, Snežana Orčić, Elvira L. Vukašinović, Tatjana V. Nikolić, and Duško P. Blagojević.(2018) The influence of low temperature and diapause phase on sugar and polyol content in the European corn borer *Ostrinia nubilalis* (Hbn.). *Journal of Insect Physiology* 109: 107-113. | | | | | | | | | | | M21a |
|  | Vukašinović, E.L., Pond, D.W., Grubor-Lajšić, G., Worland, M.R., Kojić, D., Purać, J., **Popović, Ž.D.** and Blagojević, D.P. (2018) Temperature adaptation of lipids in diapausing *Ostrinia nubilalis*: an experimental study to distinguish environmental versus endogenous controls. *Journal of Comparative Physiology* B, 188(1), pp.27-36. | | | | | | | | | | | M21 |
|  | **Željko D. Popović,** Ana Subotić, Tatjana V. Nikolić, Ratko Radojičić, Duško P. Blagojević, Gordana Grubor-Lajšić, Vladimír Koštál (2015) Expression of stress-related genes in diapause of European corn borer (*Ostrinia nubilalis* Hbn.) *Comp. Biochem. Physiol., Part B: Biochem. Mol. Biol.186:*1-7; | | | | | | | | | | | M21 |
|  | Elvira L. Vukašinović, David W. Pond, M. Roger Worland, Danijela Kojić, Jelena Purać, **Željko D. Popović**, Gordana Grubor-Lajšić (2015) Diapause induces remodeling of the fatty acid composition of membrane and storage lipids in overwintering larvae of *Ostrinia nubilalis*, Hubn. (Lepidoptera: Crambidae), *Comp. Biochem. Physiol., Part B: Biochem. Mol. Biol.*184:36-43; | | | | | | | | | | | M21 |
|  | Purać, J., Kojić, D., **Popović, Ž.D.,** Vukašinović, E., Tiziani, S., Gunther, U., Grubor-Lajšić, G., Metabolomic Analysis of Diapausing and Noni-diapausing Larvae of the European Corn Borer *Ostrinia nubilalis* (Hbn.) (Lepidoptera: Crambidae) (2015) Acta chimica Slovenica, 62(4), pp.761-767. | | | | | | | | | | | M23 |
|  | Melody S Clark, Michael AS Thorne, Jelena Purać, Gavin Burns, Guy Hillyard, **Željko D Popović**, Gordana Grubor-Lajšić, M Roger Worland (2009) Surviving the cold: molecular analyses of insect cryoprotective dehydration in the Arctic springtail *Megaphorura arctica* (Tullberg) *BMC Genomics* 10(1): 328; | | | | | | | | | | | M21 |
|  | Gordana Grubor-Lajšić, Edward T Petri, Danijela Kojić, Jelena Purać, **Željko D Popović**, Roger M Worland, Melody S Clark, Miloš Mojović, Duško P Blagojević (2013) Hydrogen peroxide and ecdysone in the cryoprotective dehydration strategy of *Megaphorura arctica* (Onychiuridae: Collembola), *Arch. Insect Biochem. Physiol.* 82(2): 59-70; | | | | | | | | | | | M22 |
|  | Kojić, D.; Pajević, S.; Jovanović-Galović, A.; Purać, J.; Pamer, E.; Škondrić, S.; Milovac, S.; **Popović, Ž.**; Grubor-Lajšić, G. (2012) Efficacy of natural aluminosilicates in moderating drought effects on the morphological and physiological parameters of maize plants (*Zea mays* L.) *J Soil Sci. Plant Nutr.*, 12 (1), 113-123; | | | | | | | | | | | M23 |
|  | **ŽD Popović**, Jelena Purać, Danijela Kojić, Elvira L Pamer, M Roger Worland, DP Blagojević, Gordana Grubor-Lajšić (2011) LEA protein expression during cold-induced dehydration in the arctic Collembola *Megaphorura arctica.* *Arch. Biol. Sci.* 63(3): 681-683; | | | | | | | | | | | M23 |
|  | D Kojić, J Purać, **ŽD Popović**, E Pamer, G Grubor-Lajšić (2010) Importance of body water management for winter cold survival of the European corn borer *Ostrinia nubilalis* Hübn.(Lepidoptera: Pyralidae*) Biotech*. & *Biotech*. *Eq*. SE 24(2): 648-654. | | | | | | | | | | | M23 |
|  | Radulović S, Laketić D**, Popović Ž**, Teodorović I (2010) Towards the candidature of the Crno Jezero lake (Durmitor, Montenegro) for HES site of Dinaric Western Balkan Ecoregion. *Arch. Biol. Sci.*62(4): 1101-1117; | | | | | | | | | | | M23 |
|  | **Purać, J.**, Kojić, D., Petri, Popović; Ž., Grubor Lajšić, G., Blagojević, D.P., Cold adaptation responses in insects and other Arthropods: an “omics” approach”. Entomology in Focus, Vol. 4, Chandrasekar Raman et al. (Eds): Short Views on Insect Genomics and Proteomics, ISBN-13 978-3-319-24242-2. Springer International Publishing AG. 17 Dec 2015. | | | | | | | | | | | M13 |
|  | Gošić-Dondo, S., Srdić, J., Popović, Ž., & Tancik, J. (2018). The population level of western corn rootworm adults in the period 2005-2009. Selekcija i semenarstvo, 24(2), 39-48. | | | | | | | | | | | M51 |
|  | Gošić-Dondo, S., Srdić, J., & **Popović, Ž.** (2016). Efficiency of insecticide and bioinsecticide treatments against infestation of European corn borer and their effect on maize yield. *Selekcija i semenarstvo*, *22*(2), 29-38. | | | | | | | | | | | M51 |
|  | **Ž. D. Popović** (2016) Život u dijapauzi. Zadužbina Andrejević, Beograd | | | | | | | | | | | M42 |
|  | **Željko D. Popović** (2015) Molecular regulation of insect diapause. In: Proceedings of the Biochemical Society of Serbia Fifth Conference „Integrated research in life science“, Editor: MihajloB. Spasić, Faculty of Chemistry, Belgrade, ISBN 978-86-7220-069-0, pp. 43-49; | | | | | | | | | | | M61 |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | | | | |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | | | | |
| Total number of citations, without self-citations | | | | | | **104** | | | | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | | **11** | | | | | | |
| Current participation in projects | | | | | | Domestic 1 | | | | International 0 | | |
| Specialization | | | 1. 2019. Warsaw University of Life Sciences, Warsaw, Poland 2. 2018. Szent Istvan University, Department for Aquaculture, Godollo, Hungary 3. 2014/15. Eötvös Loránd Univesrity, Department of Genetics, Budapest. 4. 2010/11. Biology Centre of the Czech Academy of Sciences in Ceske Budejovice, 5. 2008 (June-December) British Antarctic Survey, Cambridge, UK | | | | | | | | | |
| Other information you consider to be important | | | Serbian Biological Society, Serbian Biochemical Society, Serbian Society for Molecular Biology, Serbian Chemical Society, Serbian Entomological Society, Serbian Society for Bioinformatics and Computational Biology | | | | | | | | | |