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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | Elvira Vukašinović | | | | | | | |
| **Title** | | | Research assocciate | | | | | | | |
| **Narrow scientific area** | | | Biochemistry | | | | | | | |
| **Academic career** | | Year | Institution | | | Narrow scientific field or art field | | | | |
| Election to the title | | 2015 | Faculty of Sciences, Novi Sad | | | Bichemistry | | | | |
| PhD | | 2014 | Faculty of Sciences, Novi Sad | | | Biochemistry | | | | |
| Master diploma | | 2007 | Faculty of Sciences, Novi Sad | | | Biochemistry | | | | |
| Diploma | | 2006 | Faculty of Sciences, Novi Sad | | | Biochemistry | | | | |
| **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 | | |
|  |  | | |  | | |  |  | | |
| \* 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)** | | | | | | | | | | |
| 1. | Nikolić, T.V., Kojić, D., Orčić, S., Vukašinović, E.L., Blagojević, D.P., Purać, J.  Laboratory bioassays on the response of honey bee (Apis mellifera L.) glutathione S-transferase and acetylcholinesterase to the oral exposure to copper, cadmium, and lead (2019) *Environmental Science and Pollution Research*, 26 (7), pp. 6890-6897. | | | | | | | | | M22 |
| 2. | Kojić, D., Popović, Ž.D., Orčić, D., Purać, J., Orčić, S., Vukašinović, E.L., Nikolić, T.V., Blagojević, D.P. The influence of low temperature and diapause phase on sugar and polyol content in the European corn borer Ostrinia nubilalis (Hbn.) (2018) *Journal of Insect Physiology*, 109, pp. 107-113. | | | | | | | | | M21a |
| 3. | Vukašinović E.L., Pond D.W., Grubor-Lajšić G., Worland M.R., Kojić D., Purać J., Popović Ž.D., 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, Part B*, 188, 27 - 36 | | | | | | | | | M21a |
| 4. | Orčić, S., Nikolić, T., Purać, J., Šikoparija, B., Blagojević, D.P., Vukašinović, E., Plavša, N., Stevanović, J., Kojić, D. Seasonal variation in the activity of selected antioxidant enzymes and malondialdehyde level in worker honey bees (2017) *Entomologia Experimentalis et Applicata*, 165 (2-3), pp. 120-128. | | | | | | | | | M21 |
| 5. | Nikolić, T.V., Kojić, D., Orčić, S., Batinić, D., Vukašinović, E., Blagojević, D.P., Purać, J. The impact of sublethal concentrations of Cu, Pb and Cd on honey bee redox status, superoxide dismutase and catalase in laboratory conditions (2016) *Chemosphere*, 164, pp. 98-105. | | | | | | | | | M21 |
| 6. | Vukašinović, E.L., Pond, D.W., Worland, M.R., Kojić, D., Purać, J., Popović, Ž.D., Grubor-Lajšić, G. Diapause induces remodeling of the fatty acid composition of membrane and storage lipids in overwintering larvae of Ostrinia nubilalis, Hubn. (Lepidoptera: Crambidae) (2015) *Comparative Biochemistry and Physiology Part - B*: Biochemistry and Molecular Biology, 184, pp. 36-43. | | | | | | | | | M21 |
| 7. | Purać, J., Kojić, D., Popović, Z.D., Vukašinović, E., Tiziani, S., Günther, U.L., 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 |
| 8. | Vukašinović, E.L., Pond, D.W., Worland, M.R., Kojić, D., Purać, J., Blagojević, D.P., Grubor-Lajšić, G. Diapause induces changes in the composition and biophysical properties of lipids in larvae of the European corn borer, Ostrinia nubilalis (Lepidoptera: Crambidae) (2013) *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, 165 (4), pp. 219-225. | | | | | | | | | M21 |
| 9. | Popović Ž., Purać J., Kojić D., Pamer E., Worland M., Blagojević D. and Grubor-Lajšić G. (2011) LEA protein expression during cold-induced dehydration in the Arctic collembola *Megaphorura* *arctica*. *Archives of biological sciences*, 63 (3), pp. 681-683 | | | | | | | | | M23 |
| 10. | Kojić D., Pajević S., Jovanović-Galović A., Purać J., Pamer E., Škondrić S., Milovac S., Popović Ž. and Grubor-Lajšić G. (2012) Efficacy of natural aluminosilicates in moderating drought effects on the morphological and physiological parameters of maize plants (*Zea* *mays* L.). *Journal of Soil Science and Plant Nutrition*, 12 (1), pp. 113-123 | | | | | | | | | M23 |
| 11. | Pamer E., Vujović G., Knežević P., Kojić D., Prvulović, D., Miljanović B. and Grubor-Lajšić G. (2011) Water Quality Assessment in Lakes of Vojvodina. *International Journal of Environmental Research*, 5 (4), pp. 891-900 | | | | | | | | | M22 |
| 12. | Kojić D., Purać J., Popović Ž., Pamer E. and Grubor-Lajšić, G. (2010) Importance of the body water management for winter cold survival of the European corn borer *Ostrinia* *nubilalis* Hübn. (Lepidoptera: Pyralidae). *Biotechnology and Biotechnological Equipment*, 24 (2), pp. 648-654 | | | | | | | | | M23 |
| **Cumulative data of scientific activity of the teacher:** 162 | | | | | | | | | | |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | | |
| Total number of citations, without self citations | | | | | 54 (Scopus) | | | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | 12 (Scopus) | | | | | |
| Current participation in projects | | | | | Domestic: 2 | | | | International: / | |
| Specialization | | | | | International scientific collaboration research realized in Natural environmental research council: British Antarctic Survey (BAS), Cambridge, United Kingdom | | | | | |
| Other information you consider to be important | | | | | Membership: Serbian Biochemical Society, Serbian Biological Society, Serbian Entomological Society | | | | | |