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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | Danijela Kojić | | | | | | |
| **Title** | | | Associate professor | | | | | | |
| **Narrow scientific area** | | | Biochemistry | | | | | | |
| **Academic career** | | **Year** | **Institution** | | | **Area** | | **Narrow scientific or art area** | |
| Election to the title | | 2015 | Faculty of Sciences, University of Novi Sad | | | biology | | biochemistry | |
| PhD | | 2009 | Faculty of Sciences, University of Novi Sad | | | biology | | biochemistry | |
| Master diploma | | 2000 | Faculty of Chemistry, University of Belgrade | | | chemistry | | biochemistry | |
| Diploma | | 1996 | Faculty of Chemistry, University of Belgrade | | | chemistry | | biochemistry | |
| **List of subjects the teacher is lecturing in doctoral studies** | | | | | | | | | |
| **No.** | | **Mark** | | **Subject name** | | | | | |
| 1. | | DNB026 | | Biochemical markers of disease | | | | | |
| 2. | | DNE004 | | Extreme biochemistry | | | | | |
| The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field **(minimum 10, not more than 20)** | | | | | | | | | |
| 1. | Purać, J., Nikolić, T.V., Kojić, D., Ćelić, A.S., Plavša, J.J., Blagojević, D.P., Petri, E.T. (2019) Identification of a metallothionein gene in honey bee Apis mellifera and its expression profile in response to Cd, Cu and Pb exposure *Molecular Ecology*, 28 (4): 731-745. | | | | | | | | М21а |
| 2. | Nikolić, T.V., Kojić, D., Orčić, S., Vukašinović, E.L., Blagojević, D.P., Purać, J. (2019) 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 *Environmental Science and Pollution Research*, Article in Press. DOI: 10.1007/s11356-018-3950-6 | | | | | | | | М22 |
| 3. | Kojić, D., Popović, Ž.D., Orčić, D., Purać, J., Orčić, S., Vukašinović, E.L., Nikolić, T.V., Blagojević, D.P. (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. | | | | | | | | М21а |
| 4. | 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 B: Biochemical, Systemic, and Environmental Physiology*,188 (1):27-36. | | | | | | | | М21 |
| 5. | Orčić, S., Nikolić, T., Purać, J., Šikoparija, B., Blagojević, D.P., Vukašinović, E., Plavša, N., Stevanović, J. and Kojić, D., (2017) Seasonal variation in the activity of selected antioxidant enzymes and malondialdehyde level in worker honey bees. *Entomologia Experimentalis et Applicata*, 165(2-3):120-128. | | | | | | | | М22 |
| 6. | Nikolić, T.V., Kojić, D., Orčić, S., Batinić, D., Vukašinović, E., Blagojević, D.P., Purać, J. (2016) The impact of sublethal concentrations of Cu, Pb and Cd on honey bee redox status, superoxide dismutase and catalase in laboratory conditions *Chemosphere*, 164: 98-105. | | | | | | | | М21 |
| 7. | Vukašinović, E.L., Pond, D.W., Worland, M.R., Kojić, D., Purać, J., Popović, Ž.D. and Grubor-Lajšić, G. (2015) Diapause induces remodeling of the fatty acid composition of membrane and storage lipids in overwintering larvae of Ostrinia nubilalis, Hubn.(Lepidoptera: Crambidae). *Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology*, 184:36-43. | | | | | | | | М21 |
| 8. | Grubor‐Lajšić, G., Petri, E.T., Kojić, D., Purać, J., Popović, Ž.D., Worland, R.M., Clark, M.S., Mojović, M. and Blagojević, D.P. (2013) Hydrogen peroxide and ecdysone in the cryoprotective dehydration strategy of Megaphorura arctica (Onychiuridae: Collembola). *Archives of insect biochemistry and physiology*, 82(2):59-70. | | | | | | | | М22 |
| 9. | Kojić, D., Pajević, S., Jovanović-Galović, A., Purać, J., Pamer, E., Škondrić, S., Milovac, S., Popović, Z. 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, pp.113-123. | | | | | | | | М23 |
| 10. | Purać, J., Pond, D. W., Grubor-Lajšić, G., Kojić, D., Blagojević, D. P., Worland, M. R., Clark, M. S. (2011). Cold hardening induces transfer of fatty acids between polar and nonpolar lipid pools in the Arctic collembollan Megaphorura arctica. *Physiological entomology*, 36(2): 135-140. | | | | | | | | М22 |
| 11. | Kojic, D., Spasojevic, I., Mojovic, M., Blagojevic, D., Worland, M. R., Grubor-Lajsic, G., Spasic, M. B. (2009). Potential role of hydrogen peroxide and melanin in the cold hardiness of Ostrinia nubilalis (Lepidoptera: Pyralidae). *European Journal of Entomology*, 106(3): 451-454. | | | | | | | | М22 |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | |
| Total number of citations, without self citations | | | | | 211 (SCOPUS 10.04.2019) | | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | 31 | | | | |
| Current participation in projects | | | | | Domestic 2 | | International | | |