

LIČNE INFORMACIJE

Đura Nakarada

📍 Studentski trg 12-16, 11158 Beograd, Srbija

✉ djura@ffh.bg.ac.rs

RADNO MESTO I NAUČNO ZVANJE

Viši naučni saradnik

RADNO ISKUSTVO

Univerzitet u Beogradu - Fakultet za fizičku hemiju

2024.- danas Viši naučni saradnik
 2020.-2024. Naučni saradnik
 2018.-2020. Istraživač saradnik
 2016.-2018. Istraživač pripravnik

OBRAZOVANJE I OSPOSOBLJAVANJE

2019. doktor nauka
 Univerzitet u Beogradu - Fakultet za fizičku hemiju

2013. master fizikohemičar
 Univerzitet u Beogradu - Fakultet za fizičku hemiju

2012. diplomirani hemičar
 Univerzitet u Beogradu - Hemijski fakultet

LIČNE VEŠTINE

Maternji jezik Srpski jezik

Ostali jezici

| | RAZUMEVANJE | | GOVOR | | PISANJE |
|----------------|-------------|---------|---------------------|--------------------|---------|
| | Slušanje | Čitanje | Govorna interakcija | Govorna produkcija | |
| Engleski jezik | C2 | C2 | C2 | C2 | C2 |
| Ruski jezik | C1 | C1 | B2 | B2 | B2 |
| Grčki jezik | A2 | A2 | A1 | A1 | A1 |

Nivoi: A1/2: Osnovni korisnik - B1/B2: Samostalni korisnik - C1/C2 Iskusni korisnik
[Zajednički evropski referentni okvir za jezike](#)

Digitalne veštine

Microsoft Office | Bruker Xepr | analitički softveri - Origin, Fityk | softver za modeliranje i analizu u hemiji (molden, vmd, avogardo) | Gaussian software | ACD/Chemsketch

DODATNE INFORMACIJE

Naučno usavršavanje

Doktorsko usavršavanje: Tehnički Univerzitet u Minhenu (Technische Universität München), Nemački centar za srce u Minhenu (Deutsche Herzzentrum München) (2019.)

Članstva

Srpsko biohemijsko društvo (2020.-danas)
 Društvo za fiziologiju biljaka Srbije (2015.-danas)
 The Federation of European Societies of Plant Biology (2015.-danas)
 Srpsko društvo za mitohondrijalnu i slobodno-radikalnu fiziologiju (2013.-danas)

Projekti

- 01/11/2023 – danas. Utilization of the food industry waste for improving honey bee health and protecting the environment funded by the Science Fund of the Republic of Serbia – PRIZME program 2023-2025
- 01/07/2020 – 31/12/2022. Protein Hydrogel for Cancer Theranostics Grant number 6062285, funded by the Science Fund of the Republic of Serbia – PROMIS program 2020-2022
- 01/12/2016 – 31/12/2020. Biomarkers in neurodegenerative and malignant processes Grant number III 41005, funded by the Ministry of Education, Science and Technological Development of the Republic of Serbia

Pregled najznačajnijih radova u poslednje 3 godine

- Nakarada, Đ., Glavinić, U., Ristanić, M., Popović, M., Stevanović, J., Stanimirović, Z., Mojović, M., 2024. Bridging the buzz: In vivo EPR imaging unlocking the secrets of honey bee health, *Journal of Experimental Zoology – A*, doi: 10.1002/jez.2845
- Jaćimović, S., Kiprovska, B., Ristivojević, P., Dimić, D., Nakarada, Đ., Dojčinović, B., Sikora, V., Teslić, N. and Pantelić, N.Đ., 2023. Chemical composition, antioxidant potential, and nutritional evaluation of cultivated Sorghum Grains: A combined experimental, theoretical, and multivariate analysis. *Antioxidants*, 12(8), p.1485.
- Vasić, J., Dimić, D., Antonijević, M., Avdović, E.H., Milenković, D., Nakarada, Đ., Dimitrić Marković, J., Molnar, M., Lončarić, M., Bešlo, D. and Marković, Z., 2023. The electronic effects of 3-methoxycarbonylcoumarin substituents on spectral, antioxidant, and protein binding properties. *International journal of molecular sciences*, 24(14), p.11820.
- Božunović, J., Ivanov, M., Petrović, J., Gašić, U., Nakarada, Đ., Milutinović, M., Aničić, N., Giba, Z., Mišić, D. and Stojković, D., 2023. Solvent System-Guided Extraction of Centaurium spicatum (L.) Fritch Provides Optimized Conditions for the Biological and Chemical Characteristics of the Herbal Extracts. *Pharmaceuticals*, 16(2), p.245.
- Milutinović, M., Nakarada, Đ., Božunović, J., Todorović, M., Gašić, U., Živković, S., Skorić, M., Ivković, Đ., Savić, J., Devrnja, N. and Aničić, N., 2023. Solanum dulcamara L. Berries: A Convenient Model System to Study Redox Processes in Relation to Fruit Ripening. *Antioxidants*, 12(2), p.346
- Milosavljević, D.M., Maksimović, V.M., Miliwojević, J.M., Nakarada, Đ.J., Mojović, M.D. and Dragišić Maksimović, J.J., 2022. Rich in Phenolics—Strong Antioxidant Fruit? Comparative Study of 25 Strawberry Cultivars. *Plants*, 11(24), p.3566.
- Vesković, A., Nakarada, Đ., Vasiljević, O., Dobrov, A., Spengler, G., Enyedy, É.A., Arion, V.B. and Popović Bijelić, A., 2022. The release of a highly cytotoxic paullone bearing a TEMPO free radical from the HSA hydrogel: An EPR spectroscopic characterization. *Pharmaceutics*, 14(6), p.1174.
- Matijević, M., Žakula, J., Korićanac, L., Radoičić, M., Liang, X., Mi, L., Tričković, J.F., Šobot, A.V., Stanković, M.N., Nakarada, Đ. and Mojović, M., 2021. Controlled killing of human cervical cancer cells by combined action of blue light and C-doped TiO₂ nanoparticles. *Photochemical & Photobiological Sciences*, 20(8), pp.1087-1098.
- Dimić, D.S., Milenković, D.A., Avdović, E.H., Nakarada, Đ.J., Marković, J.M.D. and Marković, Z.S., 2021. Advanced oxidation processes of coumarins by hydroperoxyl radical: An experimental and theoretical study, and ecotoxicology assessment. *Chemical Engineering Journal*, 424, p.130331.
- Vesković, A., Nakarada, Đ. and Bijelić, A.P., 2021. A novel methodology for hydrogel water content determination by EPR: The basis for real-time monitoring of controlled drug release and hydrogel swelling and degradation. *Polymer Testing*, 98, p.107187.
- Vesković, A., Nakarada, Đ., Pavićević, A., Prokić, B., Perović, M., Kanazir, S., Popović-Bijelić, A. and Mojović, M., 2021. In Vivo/Ex Vivo EPR Investigation of the Brain Redox Status and Blood-Brain Barrier Integrity in the 5xFAD Mouse Model of Alzheimer's Disease. *Current Alzheimer Research*, 18(1), pp.25-34.