Izudin Redžepović | CV

- Rođenje: 26. decembar 1993., Novi Pazar, Srbija
- Adresa: Institut za hemiju, Prirodno–matematički fakultet, Univerzitet u Kragujevcu, Radoja Domanovića 12., 34000 Kragujevac, Srbija
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- Jezici: srpski, engleski
- Veštine: Python, Gaussian, LaTeX
- Interesovanja: Hemoinformatika, Matematička hemija, Molekulsko modeliranje
- Mreže:

Obrazovanje

2017– **Doktorske studije hemije** — PMF, Univerzitet u Kragujevcu

- Odobrena tema: "Komparativno ispitivanje molekulskih deskriptora zasnovanih na sopstvenim vrednostima", mentor: prof. dr Boris Furtula

2016–2017 **Master studije hemije** — PMF, Univerzitet u Kragujevcu

- "Antioksidativna aktivnost kafeinske kiseline–mehanistička DFT studija", mentor: prof. dr Svetlana Marković / Prosečna ocena: 10,00

2012–2016 **Osnovne studije hemije** — DUNP

- Prosečna ocena: 9,54

Iskustvo

2021– **Istraživač–saradnik** — Univerzitet u Kragujevcu

- Rad na doktoratu

2017–2021 **Istraživač–pripravnik** — Univerzitet u Kragujevcu

- Rad na doktoratu

2018– **Student demonstrator** — Univerzitet u Kragujevcu

- Računari u hemiji, Molekulsko modeliranje, Uvod u hemoinformatiku

2015–2016 **Student demonstrator** — DUNP

- Računari u hemiji, Obrada rezultata merenja, Organska stereohemija

Nagrade

2018 **Najbolji student na master studijama hemije**

- Godišnja nagrada Prirodno–matematičkog fakulteta

Radovi

- **I. Redžepović**, Chemical applicability of Sombor indices, J. Serb. Chem. Soc. (2021).

- **I. Redžepović**, B. Furtula, Comparative study on structural sensitivity of eigenvalue–based molecular descriptors, J. Math. Chem. (2021).

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- **I. Redžepović**, S. Marković, B. Furtula, On structural dependence of enthalpy of formation of catacondensed benzenoid hydrocarbons, MATCH Commun. Math. Comput. Chem. 82 (2019) 663–678.

- A. Gligorijević, S. Marković, **I. Redžepović**, B. Furtula, Application of spectral graph theory on the enthalpy change of formation of acyclic saturated ketones, J. Serb. Chem. Soc. 83 (2018) 1339–1349.

- **I. Redžepović**, S. Marković, J. Tošović, Antioxidative activity of caffeic acid–mechanistic DFT study, Kragujevac J. Sci. 39 (2017) 109–122.

Konferencije

- **I. Redžepović**, S. Marković, B. Furtula, Graph theory based model for the enthalpy of formation of benzenoid hydrocarbons, 8th International Conference on Computational Bioengineering (ICCB), September 4–6 2019, Belgrade, T.4.6 ICCB 2019 Proceedings

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- **I. Redžepović**, S. Marković, J. Tošović, Theoretical investigation of antioxidative activity of caffeic acid, 4th South-East European Conference on Computational Mechanics (SEECCM), July 03–04 2017, Kragujevac, T.2.1., 24. Book of abstracts

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