

CURRICULUMVITAE

Jelena Petronijević



Address:

Faculty of Science, University of Kragujevac
Radoja Domanovića 12

P. O. Box 60 34000 Kragujevac

e-mail: jelena.petronijevic@pmf.kg.ac.rs

Date and place of birth: 22.03.1991. Kragujevac, Serbia

EDUCATION

1998 – 2010. Primary and secondary school in Raca

2014. Bachelor of Science (chemistry), Faculty of Science, University of Kragujevac

2015. Master of Science (chemistry) Faculty of Science, University of Kragujevac

2020. PhD, Faculty of Science, University of Kragujevac

WORK EXPERIENCE

2016.- 2019. Junior Research Assistant, Faculty of Science, University of Kragujevac

2019.-2021. Research Assistant, Faculty of Science, University of Kragujevac

2021.-present Research Associate, Faculty of Science, University of Kragujevac

LANGUAGE

English

BIBLIOGRAPHY

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2. **Jelena Petronijević**, Zorica Bugarčić, Goran A. Bogdanović, Srđan Stefanović and Nenad Janković, An enolate ion as a synthon in biocatalytic synthesis of 3,4-dihydro-2(1H)-quinoxalinones and 3,4-dihydro-1,4-benzoxazin-2-ones: lemon juice as an alternative to hazardous solvents and catalysts, *Green Chem.*, **2017**, *19*, 707.

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4. Marijana Gavrilović, Nenad Janković, Ljubinka Joksović, **Jelena Petronijević**, Nenad Joksimović, Zorica Bugarčić, Water ultrasound-assisted oxidation of 2-oxo-1,2,3,4-tetrahydropyrimidines and benzylic acid salts, *Environmental Chem. Lett.*, **2018**, *16*, 1501.
5. **Jelena M. Petronijević**, Nenad Janković, Zorica Bugarčić, Synthesis of Quinoxaline Based Compounds and Their Antitumor and Antiviral Potential, *Mini-Reviews in Organic Chemistry*, **2018**, *15*, 220-226.
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8. **Jelena Petronijević**, Nenad Janković, Tatjana P. Stanojković, Nenad Joksimović, Nađa Đ. Grozdanić, Milan Vraneš, Aleksandar Tot and Zorica Bugarčić, Biological evaluation of selected 3,4-dihydro-2(1H)-quinoxalinones and 3,4-dihydro-1,4-benzoxazin-2-ones: Molecular docking study. *Arch Pharm Chem Life Sci.*, **2018**; 1
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19. Snežana R. Branković, Marijana Bugarčić, Filip Ž. Bugarčić, Aleksandar M. Ostojić, **Jelena Petronijević**, Gvozden L. Rosić, Ivana D. Radojević, Dragica V. Selaković,

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PROJECTS

1. Participant in Network for Equilibria and Chemical Thermodynamics Advanced Research COST ACTION No. 18202, 2022-2024.
2. Participant in Proof of concept, New method of inactivation of sewage sludge using biocompatible 2,4-diketo esters and its potential use in agriculture, No. 14866, 2024-