PERSONAL INFORMATION

Biljana Koturevic, PhD, Teaching Assistant

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Replace with telephone number Replace with mobile number

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Scientific identifiers

RESEARCHGATE ID:
https://www.researchgate.net/profile/Biljana_Koturevic

LINKEDIN:
https://rs.linkedin.com/in/biljana-koturevic-532a4058

Sex Female | Date of birth 15/10/1982 | Nationality Serbian

WORK EXPERIENCE

2013-2014 — Assistant Trainee

The Academy of Criminalistic and Police studies
Responsible for practical courses (Bachelor level and Graduate specialist studies):
- Criminalistic technique (Criminalistics Department)
- Basis of criminalistic technique (Criminalistics Department)
- Introduction to Forensic science (Forensic Department)
- Criminalistic identification (Graduate specialist studies)

2014- — Teaching Assistant

The Academy of Criminalistic and Police studies
Responsible for practical courses (Bachelor level):
- Introduction to Chemistry (Forensic Department)
- Physical Chemistry (Forensic Department)
- Organic and Inorganic Chemistry (Forensic Department)
- Criminalistic technique (Criminalistics Department)

EDUCATION AND TRAINING

2013-2019 — Ph.D. degree in Physical Chemistry

Faculty of Physical Chemistry, University of Belgrade (Serbia)

Thesis title: "Effect of physical fields on kinetics of extraction of caffeine from guarana seed (Paullinia cupana, Sapindaceae)"

2012-2013 — M.Sc. degree in Physical Chemistry
Faculty of Physical Chemistry, University of Belgrade (Serbia)

2010-2012 — Ed.S. degree in Criminalistics
The Academy of Criminalistic and Police Studies, Belgrade (Serbia)

2002-2008 — B.Sc. degree in Chemistry-Biochemistry
Faculty of Sciences, University of Novi Sad (Serbia)

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Good oral communication skills gained through participation in international scientific conferences and in communication with foreign associates.
Good written communication skills gained through preparing and writing articles for publication.

Organisational / managerial skills

Good organizational skills gained through working in current position (managing work of large groups of students in laboratory and classroom)

Job-related skills

Current work and research are related to the study of:
- isothermal kinetics of extraction of caffeine from the guarana seed (Paullinia cupana, Sapindaceae) under the action of various physical fields;
- quick extraction of cannabinoids from cannabis using microwave radiation;
- extraction of psychoactive substances from different plant materials;
- forensic methods of identifying synthetic drugs (derivatives of amphetamine and methamphetamine).

Co-authored published research papers in the top international journal; prominent international journal; the journal of national importance; the thematic national journals;
- participated at international scientific conferences;
- co-author of practicum “Introduction to chemistry-practicum for laboratory exercises, authors: Nikola Milašinović and Biljana Koturević, publisher: Academy of Criminalistic and Police Studies, 2016 ISBN: 978-86-7020-362

Computer skills

Competent with most Microsoft Office programs
- good command of Origin (graphical software)

Other skills

Good experimental (laboratory) skills
- Experience with conventional and unconventional extraction techniques and wide variety of analytical techniques and instrumentation

Driving licence

- B

ADDITIONAL INFORMATION

Publications

Borivoj Adnadjevic, **Biljana Koturevic**, Jelena Jovanovic, "Comparative kinetic analysis of isothermal extraction of caffeine from guarana seed under conventional and microwave heating". Chemical Engineering Research and Design (2017). Vol.118, pp.61-70. DOI: http://dx.doi.org/10.1016/j.cherd.2016.12.006.

Koturevic B., Adnadjevic B., "Isothermal Green Microwave Assisted Extraction of Caffeine from Guarana. A Kinetic Study". Green Processing and Synthesis (GREENPS) (2017) Vol.6, Issue 6, pp.555-565. DOI: https://doi.org/10.1515/gps-2016-0135

Koturevic B., Adnadjevic B., Jovanovic J., "The kinetics of the extraction of caffeine from guarana seed under the action of ultrasonic field with simultaneous cooling". Green Processing and Synthesis (GREENPS) (2019) Vol.9, Issue 1, pp. 26-36. DOI: https://doi.org/10.1515/gps-2020-0003 (in press)

B. Koturević, B. Adnađević, J. Jovanović, "A kinetic study of the isothermal microwave assisted extraction of hypericin from the flowering tops of hypericum perforatum", Proceedings of 14th. International Conference on fundamental and applied aspects of Physical chemistry, Beograd, Serbia (2018). Vol. 2, ISBN 978-86-82475-37-8

Maja C. Pagnacco, Jelena P. Maksimović, **Biljana Koturević**, Kristina Stevanović, Slobodan Anić, Ljiljana Kolar-Anić, "Oscillating reaction as a chemical system for determination of effective neurostimulant guarana", Proceedings from 8th International Scientific Conference on Defensive technologies, 11-12 october (2018), Military tehnical institute, Belgrade, Serbia. ISBN 978-8681123-88-1

Koturević B., Branković A., "Forensic course development. New directions in forensic education". Thematic proceedings of International scientific conference „Archibald Reiss days", Belgrade, Serbia (2017). Vol 3., pp. 375-382.

Koturević B., Jovanović J., Adnađević B., "Extraction of caffeine from coffee using hydrodynamic cavitation", Proceedings of 13th International Conference on fundamental and applied aspects of Physical chemistry, Beograd, Serbia (2016). Vol. 1, ISBN 978-86-82475-34-7.

Koturević B., Teodorović S., Mašković Lj., "Educating future criminalists in the field of contemporary criminalistic identifications", Thematic proceedings of International scientific conference "Archibald Reiss days", Belgrade, Serbia (2015). Vol 3, pp. 411-421.

Biljana Koturevic, "Comparison of extraction methods (conventional, microwaveassisted extraction, ultrasound-assisted extraction, extraction using hydrodynamic cavitation) for forensic application". 5 th Doctoral School of the École Des Sciences Criminelles, Université de Lausanne, August, 2016, Les Diablerets, Switzerland

Branković A., Pešić S., **Koturević B.**, "Forensic Palynology", Proceedings: Forensic Science Methods in Criminalistics, Academy of Criminalistic and Police Studies (2017) 297-312, ISBN 978‑86 7020‑391‑4

Projects

"Forensic Science Methods in Criminalistics", Academy of Criminalistic and Police Studies/Ministry of Interior, Team member (2014- 2018)