


PERSONAL INFORMATION

Sabina Begić



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 sabina.begic@untz.ba

Sex Female | Date of birth 10/04/1977 | Nationality Bosnian

WORK EXPERIENCE

26/05/2016 - today

Associate professor

Faculty of Technology, University of Tuzla, Univerzitetska 8; www.tf.untz.ba

- Lecturing
- Mentorship in making final papers at I and II cycle of academic study
- Scientific research
- Coordination / participation in scientific research projects
- Coordination / participation in organization of national and international scientific and professional meetings

Business or sector University education

19/09/2011 – 25/05/2016

Assistant professor

Faculty of Technology, University of Tuzla, Univerzitetska 8; www.tf.untz.ba

- Lecturing
- Mentorship in making final papers at I and II cycle of academic study
- Scientific research
- Coordination / participation in scientific research projects
- Coordination / participation in organization of national and international scientific and professional meetings

Business or sector University education

21/03/2011 – 20/08/2011

Senior assistant

Faculty of Industrial Science and Technology, University Pahang, Malaysia

- Lecturing and laboratory exercises
- Scientific research
- Coordination / participation in scientific research projects
- Coordination / participation in organization of national and international scientific and professional meetings

Business or sector University education

10/04/2001–18/09/2011

Director of Company

Kobens ltd., Živinice

- Management of production processes and sale
- Supervision of the implementation of ISO and HACCP quality system

Business or sector Manufacturing

EDUCATION AND TRAINING

01/05/2006 - 02/07/2010

Doctor of Technical Sciences in the field of process engineering

Faculty of Technology, University of Tuzla

19/03/2001 - 17/01/2005 **Master of Agricultural Sciences, Field: Technology of herbal products**
 Faculty of Agriculture, University of Sarajevo

28/08/1995 - 28/12/2000 **Engineer of Technology**
 Faculty of Technology, University of Tuzla

PERSONAL SKILLS

Mother tongue(s) Bosnian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1/2	C1/2	C1/2	C1/2	B1/2

Communication skills ▪ good communication skills

Organisational / managerial skills ▪ leadership

Job-related skills ▪ good command of quality control processes (currently responsible for quality audit)

Computer skills ▪ good command of Microsoft Office™ tools

Driving licence ▪ B

ADDITIONAL INFORMATION

Publications

S. Osmić, **S. Begić**, V. Mičić, "The Effect of Concentration of Methanol as a Solvent on the Antioxidative Activity of Sage Extract" In: Karabegović I. (eds) *New Technologies, Development and Application*. NT 2018. *Lecture Notes in Networks and Systems*, 2019. vol 42. Springer, Cham. pp 480-490. https://doi.org/10.1007/978-3-319-90893-9_56

S. Osmić, **S. Begić**, V. Mičić, Z. Petrović, "Uticaj koncentracije etanola kao ekstrakcionog sredstva na antioksidativno dejstvo ekstrakta žalfije (*Salvia officinalis* L.)", *Contemporary Materials*, 2018., 35, 81-88.

Z. Iličković, F. Zilić, J. Sadadinović, F. Andrejaš, **S. Begić**, "Impact of the use of alternative fuels in cement production on emission of harmful pollutants", *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 49, 2017, pp. 19-24.

Z. Iličković, **S. Begić**, F. Zilić, S. Kahvedžić: "Recikliranje PUR-pjena reakcijom transesterifikacije s polihidroksilnim alkoholima", VI. hrvatski simpozij o kemiji i tehnologiji makromolekula, Split, 2017., *Zbornik radova*, pp. 65-71. ISBN 978-953-6894-63-5

V. Mičić, **S. Begić**, Lj. Tanasić, N. Vukić, J. Budinski-Simendić: "Supercritical fluids – applications and ecological importance", XXV International Conference "ECOLOGICAL TRUTH" ECO-IST'17, 12-15 June, 2017., Vrnjačka Banja, Serbia, pp. 214-220. ISBN 978-86-6305-062-4

S. Begić, V. Mičić, S. Tuzlak: "Second generation biofuels", 3rd International Conference „NEW TECHNOLOGIES NT-2016” *Development and Application*, Mostar, 2016., *Book of Proceedings*, pp. 265-271. ISSN: 2303-5668

S. Begić, V. Mičić, Z. Petrović, S. Tuzlak: "The use of supercritical fluid in food processing", 3rd International Conference „NEW TECHNOLOGIES NT-2016” *Development and Application*, Mostar, 2016, *Book of Proceedings*, pp. 272-276. ISSN: 2303-5668

Z. Petrović, R. Maksimović, **S. Begić**, N. Knezić: "The usage of chemically activated domestic bentonite for bleaching of edible plant oils", XI Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, 18 i 19 November, 2016., *Book of Proceedings*, pp. 225-234. ISBN: 978-99938-54-67-8

S. Begić, V. Mičić, Z. Petrović, P. Dugić: „Lipid biofuels as promising fuel", 2nd International Conference „New Technologies NT-2015", Mostar, 24-25. april, 2015, *Book of Proceedings*, 2015, pp. 347-356.

S. Begić, V. Mičić, Z. Petrović: „Biomethane as biofuel", 2nd International Conference „New Technologies NT-2015", Mostar, 24-25. april, 2015, *Book of Proceedings*, 2015, pp. 312-318. ISSN: 2303-5668

S. Begić, V. Mičić, Z. Petrović, M. P. Dugić: „Modelling of Hyssop-Supercritical Carbon Dioxide Extraction System", *International Journal of Inovative Research in Science, Engineering and Technology*, Vol. 3 (6), 2014, pp. 13667-13671.

Z. Petrović, P. Dugić, **S. Begić**, Z. Iličković, F. Salihović: „Effects of processing hydrocracked base oils by activated bentonite", *Technologica Acta – Journal of Science-professional from Chemistry and Technology*, Faculty of Technology, Tuzla, Vol. 7 (1) 2014, pp. 25-34.

V. Mičić, B. Pejović, M. Tomić, **S. Begić**: „Influence of Pressure to content and yield of CO₂ extract obtained by supercritical extraction of *Salvia officinalis* L.", *International Journal of Inovative Research in Science, Engineering and Technology*, Vol. 3 (5), 2014, 12445-12451.

V. Mičić, B. Pejović, **S. Begić**: „Optimization of characteristic parameters in combustion process of medical waste using analytical geometry method" *International Journal of Latest Research in Science and Technology*, Vol 3 (1) 2014, 20-23.

V. Mičić, **S. Begić**, B. Ilić: „Problemi koji se javljaju u vodovodnim mrežama zemalja u razvoju", *Tehnička dijagnostika*, Vol 13 (4) 2014, 50-58. ISSN: 1451-1975. <http://scindeks.ceon.rs/article.aspx?artid=1451-19751404050M>

V. Mičić, **S. Begić**, Z. Petrović, V. Aleksić: "Bioetanol kao alternativno gorivo", XIX Savetovanje o biotehnologiji sa međunarodnim učešćem, Čačak, 7 i 8. Mart, 2014., *Zbornik radova* Vol 19 (21), 2014, 455-459. ISBN: 978-86-87611-31-3

Publications

V. Mičić, **S. Begić**, Z. Petrović, V. Aleksić: "Smanjenje potrošnje energije korišćenjem metode visokog pritiska", XIX Savetovanje o biotehnologiji sa međunarodnim učešćem, Čačak, 7 i 8. Mart, 2014., Zbornik radova Vol 19 (21), 2014, 455-459. ISBN: 978-86-87611-31-3

S. Begić, V. Mičić, Z. Petrović, A. Odobašić, M. Stevanović Hodžić: „Research of the application of lime sludge in processes of neutralization of acid waste water“, 10th Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, 15 i 16. November, 2013, Book of Proceedings, 598-610.

Z. Petrović, P. Dugić, J. Sadadinović, **S. Begić**, F. Zilić: „Influence of activated bentonite on sulfur content in mineral base oils“ 10th Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, 15 i 16. November, 2013, Book of Proceedings, 598-610.

S. Begić, Z. Petrović, V. Mičić, Z. Iličković, F. Salihović, S. Tuzlak: "Influence of adsorption parameters on removal of organic matter from natural waters", Technologica Acta – Journal of Science-professional from Chemistry and Technology, Faculty of Technology, Tuzla, Vol. 6 (2) 2013, 21-28.

V. Mičić, S. Begić, B. Pejović, Z. Petrović: „Method of Complex Chemical Reactions“, International Research Journal of Applied and Basic Sciences, Vol. 7 (13), 2013, 995-1002. ISSN: 2251-838X; IF: 0.175; <http://www.irjabs.com/en/>