LIČNE INFORMACIJE

Ervin Karić

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Spol: Muški | Datum rođenja: 01/02/1990. | Državljanstvo: BiH

ZVANJE

Viši asistent, hemijsko inženjerstvo

RADNO ISKUSTVO

21.12.2012. - sadašnjost

Viši asistent

Univerzitet u Tuzli, Dr. Tihomila Markovića br. 1, 75000 Tuzla, web: www.untz.ba

Opis posla:

Edukacija i istraživanje u hemijskom inženjerstvu. Kursevi: Toplinske I difuzione operacije, Hemijsko inženjerska kinetika, Hemijsko reakcijsko inženjerstvo, Bioreaktori, Bioreakcijski sistemi, Projektovanje tehnoloških procesa, Procesna Integracija, Hemijski reaktori.

01.11.2013-21.09. 2014.

Hemijski inženjer

“Inproz” Institut d.o.o. Tuzla, Armije BiH 15, 75000 Tuzla, web: www.inproz.ba

- Mjerenje i ispitivanje emisije dimnih plinova iz stacionarnih izvora emisije
- Ispitivanje i analiza fizičkih, hemijskih i bioloških štetnosti
- Ispitivanje mikroklimatskih uslova u radnim i pomoćnim prostorijama
- Mjerenje i analiza buke
- Izrada Zahtjeva za dobijanje okolinske dozvole
- Izrada Planova aktivnosti

OBRAZOVANJE I OSPOSOBLJAVANJE

2016. – sadašnjost.	Doktorski studij Tehnološki fakultet Univerziteta u Tuzli, Bosna I Hercegovina
2012. – 2012.	Magistar hemijskog inženjerstva Tehnološki fakultet Univerziteta u Tuzli, Bosna I Hercegovina
2008. – 2012.	Bachelor-inženjer hemijske tehnologije Tehnološki fakultet Univerziteta u Tuzli, Bosna I Hercegovina

LIČNE VJEŠTINE

Materinski jezik(ci) Bosanski

Ostali jezici

	RAZUMIJEVANJE		GOVOR		PISANJE
	SLUŠANJE	ČITANJE	Govorna interakcija	Govorna produkcija	
Engleski	B2	C1	B2	B2	C1

Stupnjevi: A1/2: Početnik - B1/2: Samostalni korisnik - C1/2 Iskusni korisnik
Zajednički europski referentni okvir za jezike

Komunikacijske vještine
- dobre komunikacijske vještine stečene tokom izvođenja teoretskih I eksperimentalnih vježbi.
- iskustvo prezentacije istraživačkih rezultata na konferencijama, kongresima I simpozijumim

Organizacijske/rukoviditeljske vještine
- timski rad (rad na istraživačkim projektima sa kolegama)

Računarske vještine
- dobro poznavanje: Microsoft Office ™, Outlook, Internet Explorer, MS Visio, Mathcad 14.0, Polymath Professional 6.0, SuperPro Designer.

Vozačka dozvola B

DODATNE INFORMACIJE

Izdanja

1. Petric, I., **Karić, E.** (2015). Comparison of first-order and nth-order kinetics of co-composting poultry manure with wheat straw. *Technologica Acta* 8(2) 2015, 17-23. ISSN: 1840-0426; ISSN: 2232-7568.
2. Petric I., **Karić, E.** (2016). Development and validation of the mathematical model for synthesis of maleic anhydride from n-butane in a fixed bed reactor. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 47(2) 2016, 49-58. ISSN: 0367-4444; ISSN: 2232-7266.
3. **Karić E.**, Petric I. (2016). Uticaj ulaznih procesnih parametara na izvedbu industrijskog cijevnog reaktora sa nepokretnim slojem katalizatora. *XI conference of chemists, technologists and environmentalists of Republic of Srpska, Bosnia and Herzegovina*, 156-165, ISBN 978-99938-54-67-8 COBISS.RS-ID 6330904.
4. **Karić E.**, Petric I., Mustafić N. (2017). Composting kinetics for mixture of poultry manure and wheat straw based on volatile solids content. *5th International congress ''Engineering, environment and materials in processing industry*''. 167-179. ISBN: 978-99955-81-22-0.
5. Mustafić N., Petric I., **Karić E.** (2017). Application of validated mathematical model of composting process for study the effect of air flow rate on process performance. *5th International congress ''Engineering, environment and materials in processing industry*''. 224-239. ISBN: 978-99955-81-22-0.

Projekti

Istraživački projekti:

1. "*Optimizacija procesa aerobnog kompostiranja komunalnog krutog otpada*", finansiralo Ministarstvo obrazovanja, nauke, kulture i sporta Tuzlanskog kantona (2013.-2014.)
2. "*Optimizacija kinetičkih i procesnih parametara za proces kompostiranja organske frakcije komunalnog krutog otpada sa različitim dodacima*", finansiralo Federalno ministarstvo obrazovanja i nauke (2014.2015.)
3. "*Optimizacija sinteze anhidrida maleinske kiseline iz n-butana u industrijskom cijevnom reaktoru sa nepokretnim slojem katalizatora*", finansiralo Federalno ministarstvo obrazovanja i nauke (2017.-sadašnjost)

Učestvovanje na simpozijumima, konferencijama i kongresima

1. **Karić, E.**, Petric, I. (2013): Kinetics of organic matter degradation for co-composting poultry manure with wheat straw with application of correction factors, 3th SCIENTIFIC SYMPOSIUM WITH INTERNATIONAL PARTICIPATION "Environmental resources, sustainable development and food production", 14-15. November, 2013, Tuzla, Bosnia and Herzegovina (Oral presentation).
2. Petric, I., **Karić, E.**, Development and validation of the mathematical model for synthesis of maleic anhydride from n-butane in a fixed bed reactor, ''2nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina'', October 21st-23rd, 2016, Sarajevo, Bosnia and Herzegovina (Oral presentation).
3. **Karić, E.**, Petric I., The influence of inlet process parameters on performance of industrial fixed bed reactor, ''International Scientific Conference „XI Conference of Chemists, Technologists and Environmentalists of Republic of Srpska", 17-18. November, 2016, Teslić, Bosnia and Herzegovina (Poster presentation).
4. **Karić, E.**, Petric, I., Mustafić, N., Composting kinetics for mixture of poultry manure and wheat straw based on volatile solids content, 5th International congress ''Engineering, environment and materials in processing industry'', 15-17. March, 2017, East Sarajevo, Bosnia and Herzegovina (Poster presentation).
5. Mustafić, N., Petric I., **Karić E.**, Application of validated mathematical model of composting process for study the effect of air flow rate on process performance, 5th International congress ''Engineering, environment and materials in processing industry'', 15-17. March, 2017, East Sarajevo, Bosnia and Herzegovina (Poster presentation).
6. Karić, E., **Petric, I.**, (2017): Process simulator of distillation column for separation of binary system. 5th Scientific symposium with international participation „Environmental resources, sustainable development and food production" OPORPH November 16-17, 2017, Tuzla, Bosnia and Herzegovina (Poster presentation).
7. Karić, E., **Petric, I.**, (2017): Mixed inductive-deductive strategy in modeling the composting kinetics. 5th Scientific symposium with international participation „Environmental resources, sustainable development and food production" OPORPH November 16-17, 2017, Tuzla, Bosnia and Herzegovina (Poster presentation).
8. **Karić, E.**, Mustafić N., The analysis of evaporation and crystallization of potassium nitrate from the water solution in two stage evaporation system and vacuum crystallizer, 12. Susret mladih kemijskih inženjera, 22-23. Februar, 2018, Zagreb, Republic of Croatia (Poster presentation).
9. Mustafić N., **Karić E.**, mMinimization of utility consumption in the distillation column with and without heat integration for separation a binary system of acetone-methanol, 12. Susret mladih kemijskih inženjera, 22-23. Februar, 2018, Zagreb, Republic of Croatia (Poster presentation).
10. **Karić E.**, Mustafić N., Analysis and simulation of multiple-effect evaporation system in order to reduce hot utility consumption, Sixth international scientific conference june 5th – world environment day, 18-19 June, Bihać, Bosnia and Herzegovina (Poster presentation).