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Personalne informacije

Ime i prezime

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Nacionalnost

Bosanka

Datum rođenja

12.06.1967.

pol

ženski

Oblast zanimanja

Redovni profesor za užu naučnu oblast Fizikalna hemija i elektrohemija

Radno iskustvo

2017- Redovni professor

2011 – 2017 - Vanredni profesor na užoj naučnoj oblasti Fizikalna hemija i elektrohemija
2006 - 2011 - Docent na užoj naučnoj oblasti Fizikalna hemija i elektrohemija

2007 – 2009 - Šef katedre za Fizikalnu hemiju i elektrohemiju

2010 – 2016 - Dekan Tehnološkog fakulteta

2017- Šef katedre za Fizikalnu hemiju i elektrohemiju

2011-2016 Glavni i odgovorni urednik časopisa "Tehnologica Acta" Tehnološkog fakulteta Univerziteta u Tuzli

Jedan od urednika časopisa "Hranom do zdravlja" izdavača Farmaceutskog fakulteta univerziteta u Tuzli i Prehrambeno – tehnološkog fakulteta Sveučilišta Josip Juraj Štrosmajer iz Osijeka.

Radno mjesto

Univerzitetski profesor

Glavne aktivnosti i odgovornosti

Organizovanje nastavnih i naučno istraživačkih aktivnosti u okviru uže naučne oblasti Fizikalna hemija i elektrohemija i Fakultetu.

Naziv i adresa poslodavca

Univerzitet U Tuzli , Tihomila Markovića 1, 75 000 Tuzla, Bosna I Hercegovina

Edukacija

datumi

Izrada doktorske disertacije 2001 - 2005.

naučno zvanje

Doktor tehničkih nauka iz područja Inženjerstva zaštite okoline

Profesionalne vještine

Fizikalna hemija i elektrohemija / istraživanja vezana za specifikaciju i ponašanje teških metala u vodama, pripremu i karakterizaciju biosorbenata za teške metale . Bioadsorbensi i adsorpcioni procesi

Naziv i vrsta organizacije koja
pruža obrazovanje i obuku

Tehnološki fakultet, Univerzitet u Tuzli

Personalne vještine I kompetencije

Maternji jezik

Drugi jezici

European level ()*
engleski
jezik

Društvene vještine i kompetencije

Poznavanje rada na računaru

Druge aktivnosti

Bosanski

Razumjevanje		Govor		Pisanje	
Listening	Reading	Spoken interaction	Spoken production		
B1	B2	A2	A2		B1

(*) [Common European Framework of Reference for Languages](http://ec.europa.eu/dgs/translation/european-framework-reference-languages_en.htm)

- dobre komunikacione sposobnosti
- timski rad

Microsoft Office™ tools (Word™, Excel™, Power Point™) poznavanje i primjena specifičnih programa i softwera za rad na UV – VIS spektrofotometrima i potencijostatu.

- U 2008. - član Komisije za stručnu procjenu i usaglašavanje primjedbi datih u reviziji Studije odvodnje i tretmana otpadnih voda za općinu Tuzla.
- 2012 - Strateški razvoj visokog obrazovanja i kvalifikacionih standarda" koji je formiran i radio pod pokroviteljstvom Evropske Komisije
- 2013 - U okviru CEEPUS programa razmjene akademskog osoblja za 2013. godinu gostujući predavač na Univerzitetu u Mariboru na Fakultetu za hemiju i hemijsku tehnologiju.
- 2014 - U okviru projekta „Internationalization of the Polymer Technology College“ finansiran od strane Evropske Fondacije i Ministarstva za obrazovanje, nauku i sport Republike Slovenije, - gostujući predavač na Visokoj školi za Tehnologiju polimera - Slovenj Gradec.
- 2016 . - u okviru Projekta pod nazivom "Partnerstvom do lokalnog ekonomskog razvoja"- Zakonska regulativa i kvalitet tipičnih tradicioalnih proizvoda, predavač sa temom Fizikalno hemijska svojstva tipičnih proizvoda.
- 2014/2015. – 2019/2020 - odgovorni nastavnik na predmetu Hemijsko inženjerska termodinamika na Fakultetu za metalurgiju i materijale Univerziteta u Zenici. 2014/2015;
- 2016/2017; 2017/2019 - odgovorni nastavnik na predmetu Elektrohemija na Fakultetu za metalurgiju u Zenici.
- 2010-2016 - pokretač i glavni i odgovorni urednik časopisa "Tehnologica Acta" na engleskom jeziku.
- 2012 - Inicijator i pokretač zajedničkog doktorskog studija Tehnološkog i Prirodno matematičkog fakulteta Univerziteta u Tuzli iz područja Primjenjene hemije
- 2012-2018- Predsjednik Vijeća doktorskog studija "Primjenjena hemija"
- Mentor dvije doktorske disertacije i 6 magistarskih radova, I komentor na jednoj doktrskoj disertaciji
- 2018- Član Vijeća doktorskog studija "Primjenjena hemija"

**Objavljeni naučni i stručni
radovi/reference
(2001-2022)**

1. A.**Odobašić**, N.Đonlagić: „Primjena novijih elektrodijalitičkih procesa“, XVII. Hrvatski skup hemičara i hemijskih inženjera, Osijek, Hrvatska, Abstracts, 2001,146.
2. N.Đonlagić, **A.Odobašić**: „Razvoj i primjena biosenzora“, XVII. Hrvatski skup hemičara i hemijskih inženjera, Osijek, Hrvatska, abstract, 2001,221.
3. N.Đonlagić, **A.Odobašić**: “ Menađment kvaliteta voda i značaj monitoringa potencijalno toksičnih teških metala“, I Hrvatska konferencija, Ekoinženjerstvo 2002, Plitvice, Hrvatska,2002.
4. N.Đonlagić, M.Đonlagić, J.Sadadinović, A.Odobašić, S.Mićević: “Unos teških metala u biljke i prehrambene proizvode”, Summer University Tuzla 2003, LJUT –2003,
5. N.Đonlagić, **A.Odobašić**:“Uticaj prirodnih organskih materija u specifikaciji teških metala u prirodnim vodama“, XVIII. Hrvatski Skup hemičara i hemijskih inženjera,Zagreb, Hrvatska,abstracts, 2003.
6. **A.Odobašić**, N.Đonlagić, S.Ćatić:“Određivanje ukupnog sadržaja teških metala u jezeru Modrac primjenom DPASV“,VII. Savjetovanje hemičara i tehologa Republike Srpske, Banja Luka, Glasnik hemičara i tehologa,2003,109.
7. N.Đonlagić, **A.Odobašić**: “Monitoring bio – geohemiske distribucije tragova teških metala u jezeru Modrac“, Technologica Acta, Vol.1, 2004.,61-66.
8. N.Đonlagić, **A.Odobašić**, A.Bratovčić : “ Influence of Agriculture on Water Quality: Significance of Hevay Metals Monitornig”, Agriculturae Conspectus Scientificus,vol.72 (2007), No.4 (377-381) ISSN 1331-7768
9. S. Ćatić, **A. Odobašić**, H. Pašalić, A. Bratovčić: “ Anodna depozicija kompozitne PbO₂/CoO_x elektrode na supstratu titana”, 11th International Research Expert Conference „Trends is the Development of Machinery and Associated Technology“ TMT 2007, Tunisia, Proceedengs (1139- 1142), ISBN 978 – 9958 - 617- 34 – 8.
10. N. Đonlagić, **A. Odobašić**, A. Bratovčić, “Determination of lead and copper in salt lake «PANONNICA» by differential pulse anodic stripping voltammetry”, 11th International Research Expert Conference „ Trends is the Development of Machinery and Associated Technology“ TMT 2007, Tunisia, Proceedengs (1355-1358), ISBN 978 – 9958-617-34-8.
11. **A. Odobašić** , H. Pašalić, S. Ćatić, A.Bratovčić “Speciation of copper in water lake modrac with DPASV”, International Conference – Quality of Life and Environment in the Frame of E.U. Sustainability, 2007. Beograd, Srbija. (rad prihvaćen za objavu u Journal of Environmental Protection and Ecology – JEPE ISSN 1311 - 5065)
12. A. Cipurković, **A. Odobašić**, R. Kubiček „Živa kao toksični metal u hrani i njen uticaj na ljudski organizam”, Naučno – stručni skup “AGROTECH” Gradačac, Zbornik radova, 2007.
13. **A. Odobašić**, S. Ćatić, H. Keran, A. Bratovčić : “ Determination of labile chemical forms of Cd and Zn in the water of «Modrac» lake”, 12th International Research/Expert Conference « Trends in the Development of Machinery and Associated Technology» TMT, Turkey, 2008. Proceedengs (629 - 632) ISBN 978 – 9958-617-41- 6.
14. H. Keran, **A. Odobašić**, S. Ćatić, M. Šalkić, A. Bratovčić, I. Šestan:” The Influence of Different Soil Conditions to the Lead Bioavailability to Plants”, 12th International Research/Expert Conference « Trends in the Development of Machinery and Associated Technology» TMT 2008, Turkey, Proceedengs (249 – 252), ISBN 978 – 9958-617-41- 6
15. A.Bratovčić, **A. Odobašić**, S. Ćatić:“ The Advantages of the Use of Ion – Selective potentiometry in Relation to UV/VIS Spectroscopy”, Agriculturae Conspectus Scientificus, Vol.74, 2009 No.3 (139-142) ISSN 1331-7768.
16. H.Keran, M.Salkić, **A. Odobašić**, M.Jašić, N. Ahmetović, I.Šestan: “Važnost određivanja fizikalno – hemijskih određenih pokazatelja pšenice i brašna“, Međunarodni kongres tehologa za poslijezetvenu tehnologiju, Agriculturae Conspectus Scientificus, vol.74, 2009 No.3 (197-200), ISSN 1331-7768.
17. H.Keran, **A. Odobašić**, A.Bratovčić, I.Šestan, E. Omeragić: „ Lead and Cadmium content determination in milk by applying the voltammetry method“, Prehrambena Industrija, Mleko i mlečni proizvodi, Vol.19. 2008 No.1-2. (34-38),UDK 664,YU ISSN 0353-6564.
18. S.Ćatić, **A. Odobašić**, H. Keran:“ Voltametrijsko određivanje teških metala u tlu“, VII Naučno/stručni simpozij sa međunarodnim učešćem – Metalni i nemetalni materijali, Zenica, Zbornik radova 2008,(583-598).
19. S. Ćatić, **A. Odobašić**, H.Keran:” Ispitivanje nehrđajućih čelika na piting koroziju”VII Naučno/stručni simpozij sa međunarodnim učešćem – Metalni i nemetalni materijali, Zenica, Zbornik radova 2008, (343-347).
20. **A. Odobašić**, S.Ćatić, H.Keran, H.Pašalić, I.Šestan: “ISP –metod za kontrolu sadržaja kalcijuma u mlijeku”, Prehrambena Industrija, Vol.20, 2009 (91-94).
21. **A. Odobašić**, S. Tuzlak, S.Ćatić, H. Keran, I. Šestan, “Application Ion – Selective potentiometry (ISP) for determination chloride ion in natural and drink water”, INTECH 2010, septembar, Prag, Češka Republika.

22. **A. Odobašić** , H. Pašalić, S. Čatić, A.Bratovčić "Speciation of copper in water lake modrac with DPASV", Journal of Environmental Protection and Ecology – JEPE ISSN vol. 11 (2010), No.2,(412 -423) (CAB,SCI,EBSCO, Journal Citation Reports/Science Edition, Geobase & EMBiology)
23. **Amra Odobašić**, Selma Tuzlak, Sead Čatić,, Husejin Keran, Indira Šestan: "Application Ion selective Potentiometry (ISP) for determination Chloride Ion in Natural and Drink Water", European Journal of Scientific Research, Vol. 62, No.1, 2011, pp.(70-75).
24. Husejin Keran, **Amra Odobašić**, Sead Čatić, Nihada Ahmetović, Mirsad Salkić, Indira Šestan: "Lead and Cadmium concentrations in vegetables, the base for the calculation of their index and risk assessment", Journal of Environmental Protection and Ecology vol.12,No.4,2011, pp.(1700 -1706)
25. **Amra Odobašić**, Indira Šestan, Sead Čatić, Husejin Keran: "The influence of thermal treatment on the content of calcium in milk" Slovenski kemijski dnevi 2011, Portorož, Slovenia.
26. Ema Obralić, Sead Čatić, Amra Odobašić, Indira Šestan: "Methods of Applying metal coatings on plastics", IX susret mladih kemijskih inženjera, Zagreb, veljača, 2012
27. Adem Dautbašić, Sead Čatić, Amra Odobašić, Husejin Keran: "Corrosion of implants based on Stainless steel in saline" IX Naučno -stručni simpozij sa međunarodnim učešćem –Metalni i nemetalni materijali, Zenica, april, 2012.
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29. Ademović Z., **Odobašić A.**, Hodžić M., Iličković Z., „Uticaj obrade na kristalne modifikacije poli(vinilidin)fluorida”, Zbornik radova Slovenski kemijski dnevi, Maribor 2013.
30. H. Keran, A. Odobašić, S. Čatić, M. Salkić, E. Imširović, M. Hodžić, „Faktori koji utiču na otpuštanje i vezivanje teških metala u otopini tla”, TMT, Istanbul 2013.
31. Sabina Begić, Vladan Mičić, Zoran Petrović, **Amra Odobašić**, Maja Stevanović Hodžić "Istraživanje uslova primjene vapnenih muljeva u procesima neutralizacije kiselih otpadnih voda" X Savjetovanje hemičara, tehnologa i ekologa Republike Srpske, 2013.
32. H. Keran, **A. Odobašić**, A. Dautbašić, T. Lukić, E. Imširović, "Distribucijski koeficijenti za olovo i kadmij u tlu i paradajzu", III Međunarodni kongres „Inženjerstvo, ekologija i materijali u procesnoj industriji“ Jahorina, Mart, 2013, UDK: 546.3:504.5:635.64, (I-111).
33. Husejin I.Keran, **Amra S. Odobašić**, Sead O.Čatić, Indira J Šestan, Amra I. Bratovčić, Ema M. Obralić, Emira E. Omeragić, "Određivanje esencijalnih elemenata u mlijeku primjenom voltametrijske tehnike", Prehrambena industrija, Mleko i mlečni proizvodi, Vol. 1. pp.51 -53, (2013)
34. **Amra Odobašić**, Indira Šestan, Sead Catic, Husejin Keran, Almir Šestan, "Chemical Speciation of Zn in Water of the Lake Modrac and Assessment of Toxicity of Water" European Journal of Scientific Research, Vol. 113 No 4 October, 2013.pp.616-624
35. **Amra Odobašić**, Sead Čatić, Amra Bratovčić, Indira Šestan" Speciation of Pb ions in Lake Modrac by differential pulse anodic stripping voltammetry (DPASV), International Journal of Basic and Applied Science IJBAS-IJENS, pp 1-7, Vol 14, No.03, 2014.
36. Amra Bratovčić, **Amra Odobašić**, Alija Nurkić „The heterogeneous photocatalysis using the TiO₂ for photocatalytic wastewater treatment, International Conference - Ružička days, Books af abstracts, Vukovar, Croatia, 2014.
37. Indira Šestan, **Amra, Odobašić**, Amra Bratovčić "Correlation of physical-chemical parameters of fresh and thermically processed milk and content of calcium" , A meeting of young chemists and chemical engineers, Proceedings pp(Zagreb, Croatia, 2014).
38. **Amra Odobašić**, Indira Šestan, Sead Čatić, Husejin Keran, Amra Bratovčić, Melisa Ahmetović" Biosorption of lead and copper ions from aqueous solutions using treatment of industrial waste water using titanium dioxide" III Sceintific Symposium with international participation –"World Environment Day", Bihać, 4-5 june, 2015.
39. Amra Odobašić, Indira Šestan, Sead Čatić, Amra Bratovčić "The kinetics of cooper ions adsorption from aqueous solution on natural and commercial adosrbents " 4th Scientific Symposium with international participation "Environmental resources, sustainable development and food production, november, Tuzla, Bosnia and Herzegovina, 2015.
40. Amra Bratovčić, **Amra Odobašić**, Sead Čatić, Indira Šestan, Alija Nurkić" Advantages and disadvantages of titanium dioxide photocatalyst" , 4th Scientific Symposium with international participation "Environmental resources, sustainable development and food production, november,Tuzla, Bosnia and Herzegovina, 2015.
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42. **Amra Odobašić**, Amira Cipurković, Vedran Stuhli " Survey of heavy metal pollution and risk assessment of Spreča river sediments", The 5th International Conference on Environmental and Material Flow Management, EMFM, 2015, Zenica.
43. Indira Šestan, **Amra Odobašić**, Amra Bratovčić, Almir Šestan " Inorganic Speciation of Lead, Copper and Zinc in the Water of Modrac Lake by Application of DPASV", International Journal of Engineering and Management Research, Vol.6, (3) pp. 564-568, 2016.
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45. **Amra Odobašić**, Indira Šestan, Amra Bratovčić "Impact of selection of plant materials on adoption of lead and copper from soil", International Conference 16th Ružička days „TODAY SCIENCE – TOMORROW INDUSTRY", Book of abstracts, sepmtember 21-23, Vukovar, Croatia, 2016.
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47. Amra Bratovcic, **Amra Odobasic**, Indira Šestan, Vedran Stuhli "Investigation of Compost Quality of Meadow Grass", International Journal of Advances in Agricultural Science and Technology,Vol.4 Issue.10, pg. 18-27, 2017.
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49. Indira Šestan, **Amra Odobašić**, Amra Bratovčić, Melisa Ahmetović, Abdel Đozić," Correlation analysis of metal distribution in the water/sediment system of Modrac lake", International Journal of Engineering Sciences & Research Technology, DOI: 10.5281/zenodo.1036672 October, 2017
50. Adisa Hasanbašić, Emina Tučić, Amra Bratovčić, Amra Odobašić, Indira Šestan, "Impact of solvent and temperature on solubility and viscosity of expanded polystyrene (EPS)" – poster presentation, 1st International Students GREEN Conference, Faculty of Agriculture in Osijek , Croatia, May 2018
51. Amra Bratovčić, **Amra Odobašić**, Indira Šestan , Emina Tučić, Adisa Hasanbašić, Edita Šarić, „ Determination of physical – chemical properties and stability of orange juice at room temperature", Sixth international scientific conference , June 5th – World environment day" , Bihać, Book of abstracts, june, 2018.
52. Husejin Keran, Jasmin Suljagić, Indira Šestan, Melisa Ahmetović, Amra Odobašić, Bioavailability of lead and cadmium from soli to plant root. Sixth international scientific conference, June 5th - World envirnment day, Bihać, book of Abstracts, june, 2018.
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54. Indira Šestan, Melisa Ahmetović, Amra Odobašić, Amra Bratovčić, Sabina Begić "Physical and Chemical Characterization of Agricultural Waste and Testing of Sorption Abilities for Removal of Heavy Metals from Aqueous Solutions" International Journal for Research in Applied Sciences and Biotechnology, DOI: doi.org/10.31033/ijrasb.5.6.1., pp.1-8, Vol.5, Issue 6, 2018
55. Amra Bratovcic, Sanela Nazdrajic, Amra Odobasic, Indira Šestan" The Influence of Type of Surfactant on Physicochemical Properties of Liquid Soap", International Journal of Materials and Chemistry 2018, 8(2): 31-37, DOI: 10.5923/j.ijmc.20180802.02
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60. Indira Šestan, **Amra Odobašić**, Almir Šestan, Amra Bratovčić, Melisa Ahmetović " Speciation of Manganese in Natural Waters Using Differential Pulse Stripping Voltammetry in Correlation with Physico-chemical Parameters" International Research Journal of Pure & Applied Chemistry, 22(6): 1-7, 2021; Article no.IRJPAC.71174, ISSN: 2231-3443, NLM ID: 101647669, DOI: 10.9734/IRJPAC/2021/v22i630411
61. Indira Šestan, Demira Bedak Ogrić, Amra Odobašić, Amra Bratovčić, Ema Obralić " Influence of Wetting Additive Based on C12 - C14 Alkyl Ester Sulphate with Essential Oils on the Quality of Nickel Coating", International Journal for Research in Applied Sciences and Biotechnology, ISSN: 2349-8889, Volume-8, Issue-5 (September 2021), <https://doi.org/10.31033/ijrasb.8.5.12>
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65. Azra Halilović, Sabina Begić, Zoran Iličković, Amra Odobašić, Sanja Panić, Zorica Stojanović, Amir Fazlić " Possibility of Using Commercial Hydrated Lime as a Catalyst for Rapeseed Oil Methanolysis", International Research Journal of Pure & Applied Chemistry, 2022, 22(11): 1-19, 2021; Article no.IRJPAC.83907, ISSN: 2231-3443, NLM ID: 101647669, DOI: 10.9734/IRJPAC/2021/v22i1130442
66. Indira Šestan, Demira Bedak Ogrić, Amra Odobašić, Almedin Mujanović" Influence of Wetting Additives on the Quality of Nickel Coating" International Journal of Scientific Research in Chemistry (IJSRCH) © 2022 IJSRCH | Volume 7 | Issue 1 | ISSN : 2456-8457
67. Amna Karić, Amra Odobašić, Gordan Avdić, Edisa Papračanin, Sanja Panić "Biosorption of Lead (II) by Natural Bentonite: Adsorbent Characterization and Performance Assessment" International Journal for Research in Applied Sciences and Biotechnology, ISSN: 2349-8889, Volume-9, Issue-2 (March 2022), <https://doi.org/10.31033/ijrasb.9.2.17>
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