



## Europass Curriculum Vitae



### Personal information

First name / Surname **Amra Bratovic**

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Nationality Bosnian

Date of birth 18.01.1982.

Gender Female

**Employment / Occupational field** **University of Tuzla, Faculty of Technology, Department of Physical Chemistry and Electrochemistry/ Associate Professor**

**Work experience** University of Tuzla, Bosnia and Herzegovina

Dates 07.02.2018. – up to date

Occupation or position held Associate Professor at the Department of Physical Chemistry and Electrochemistry

Dates 01.01.2012.- to 07.02.2018.

Occupation or position held Assistant Professor at the Department of Physical Chemistry and Electrochemistry

Main activities and responsibilities	<p><b><u>Teaching subjects on undergraduate degree:</u></b></p> <ol style="list-style-type: none"> <li>1. Physical chemistry and rheology of polymers</li> <li>2. Catalysis and catalysts</li> <li>3. Photocatalytic processes</li> <li>4. Enzyme catalysis</li> <li>5. Electrochemistry</li> <li>6. Electrochemical engineering</li> <li>7. Metal coatings</li> <li>8. Physical-Chemical characterization</li> <li>9. Kinetics and mechanisms of physical-chemical reactions</li> <li>10. Agrochemistry</li> <li>11. Colloid chemistry</li> </ol> <p><b><u>Teaching subjects on postgraduate (Master) degree:</u></b></p> <ol style="list-style-type: none"> <li>1. Photo-oxidation processes</li> <li>2. Thermal analysis of materials</li> </ol> <p><b><u>Teaching subjects on doctoral degree (3<sup>rd</sup> cycle):</u></b></p> <ol style="list-style-type: none"> <li>1. <i>Surfactants</i></li> </ol> <p><b><u>Head of the Centre for Quality Assurance and Internal Evaluation of the University of Tuzla</u></b> 11.06.2014.- up to 20.05.2015. <b>Expert – representative of Academic community in Bosnia and Herzegovina at the Agency for Development of Higher Education and Quality assurance</b> Number 170 at the link <a href="http://www.heg.gov.ba/Kvalitet/lista_eksperata/?id=1160">http://www.heg.gov.ba/Kvalitet/lista_eksperata/?id=1160</a> Member of Senate of the University of Tuzla from 09.03.2017.</p>
Name and address of employer	University of Tuzla, Faculty of Technology, Univerzitetska 8, 75000 Tuzla
Type of business or sector	Public University
<b>Work experience</b>	<b>POLYMAT, Institute for Polymer Materials, Donostia-San Sebastian, Spain</b>
Dates	<b>15.02.-15.03.2019.</b>
Occupation or position held	<b>STSM Short Time Scientific Mission in frame of CA 15107 EU project</b>
Main activities and responsibilities	The main aim of this work is to produce film-forming water borne composites for reinforced coating applications, in which the reinforcement is achieved by addition of small amounts of graphene. The synthesis was carried out by miniemulsion co-polymerisation of MMA/BA/HEMA in the presence of modified graphene. Kinetics of polymerization has been studied as well as the characterization of prepared materials has been done.
<b>Work experience</b>	<b>University of Granada, Spain, Coimbra group Scholarship</b>
Dates	<b>01.09.2016.-29.11.2016.</b>
Occupation or position held	<b>Postdoctoral research</b>
Main activities and responsibilities	I have synthesized the carbon composite materials with TiO <sub>2</sub> . I have done also the synthesis of TiO <sub>2</sub> particles in a shape of spheres. I have done the characterization, adsorption-desorption isotherms of prepared carbon materials with nitrogen and carbon dioxide in order to determine the porosity, as well as, the study of its photocatalytic activity in degradation of paracetamol.
<b>Work experience</b>	<b>University of Politecnica delle Marche (Università Politecnica delle Marche)</b>
Dates	<b>11.05.2016. – 08.06.2016.</b>
<b>Occupation or position held</b>	<b>Staff Mobility</b>
	SUNBEAM UID SUNB1400894 2015, Scholarship for Staff mobility - 1 month, Erasmus Mundus S.UN.B.E.A.M. Structured University mobility between the Balkans and Europe for the Adriatic-ionian Macroregion Erasmus Mundus Action 2 – Strand 1, „Università Politecnica delle Marche“, Ancona, in Italy. 11.05.2016. - 08.06.2016.  Synthesis of Gold nanoparticles.
<b>Work experience</b>	<b>University of Granada, Spain</b>
Dates	<b>01.10.2014.-31.10.2014.</b>
Occupation or position held	<b>Staff Mobility</b>

Main activities and responsibilities	I have done the Synthesis, characterization, adsorption isotherms of prepared carbon material by nitrogen and carbon dioxide in order to determine the porosity, as well as, the study of its electrochemical Properties.
<b>Work experience</b>	<b>University of Ferrara, Italy</b>
Dates	01.01.2009.-31.12.2011.
Occupation or position held	<b>PhD student in Photocatalysis</b>
Work experience	Synthesis of new materials based on decatungstate ion ( $W_{10}O_{32}^{4-}$ ) with contra ions: an inorganic and an organic, and then heterogenization in silica matrix via sol-gel process. Those heterogeneous photocatalytic materials were studied in photocatalytic oxidation of aliphatic alcohols with different position of OH- group as well as with different number of OH groups (1,2,3), and under mild conditions at room temperature and atmospheric pressure. I have done also characterization of those materials.
Name and address of employer	University of Ferrara, Faculty of Science, Via L. Borsari 46, 41121 Ferrara
Type of business or sector	Public University
Doctoral thesis defended	23.03.2012.
<b>Work experience</b>	<b>University of Tuzla, Bosnia and Herzegovina</b>
Dates	02.02.2006.-01.01.2009.
Occupation or position held	Mr.sc. of Chemistry, Senior teaching assistant
Main activities and responsibilities	Research and theoretical and laboratory exercise
Name and address of employer	University of Tuzla, Faculty of Technology, Univerzitetska 8, 75000 Tuzla
Type of business or sector	University
Level in national or international classification	PhD Chemical Science
<b>Work experience</b>	<b>Scientific Committee</b>
Dates	<b>21-22 March, 2019</b>
	8 <sup>th</sup> International Conference Water for all, Osijek, Croatia
Dates	16-18 October 2018 Perm, Rusia
	International Conference «Agrotechnologies of the XXI century» on 16-18 October 2018 Perm, Rusia, State Agro-technological University <a href="http://www.ues.rs.ba/wp-content/uploads/2018/04/Agrotechnologies-XXI-Perm-Russia.pdf">http://www.ues.rs.ba/wp-content/uploads/2018/04/Agrotechnologies-XXI-Perm-Russia.pdf</a>
Dates	<b>17-18 May, 2018</b>
	1 <sup>st</sup> International Students' Green Conference, Osijek, Croatia
Dates	<b>2017</b>
	<i>Fifth Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina</i>
Dates	<b>2017 - Scientific Organizing Committee</b>
	Fifth SYMPOSIUM „Environmental resources, sustainable development and food production“ - OPORPH 2017, 16-17 November 2017
<b>Editorial board</b>	International Journal of Advances in Agricultural Science and Technology <a href="http://www.ijaast.com/board.html">http://www.ijaast.com/board.html</a>

<b>COST EU COOPERATION IN SCIENCE AND TECHNOLOGY</b>	<b>Management Committee Substitute CA COST Action CA 15107; Multi-Functional Nano-Carbon Composite Materials Network (MultiComp)</b> <a href="http://www.cost.eu/COST_Actions/ca/CA15107">http://www.cost.eu/COST_Actions/ca/CA15107</a>  <b>MC Member CA COST 15114 Anti-Microbial coating Innovations to prevent infectious diseases (AMICI)</b> <a href="http://www.cost.eu/COST_Actions/ca/CA15114">http://www.cost.eu/COST_Actions/ca/CA15114</a>  <b>MC Member CA COST 15106 C-H Activation in Organic Synthesis (CHAOS)</b> <a href="http://www.cost.eu/COST_Actions/ca/CA15106">http://www.cost.eu/COST_Actions/ca/CA15106</a>  <b>MC Member CA COST 16227 Investigation and Mathematical Analysis of Avant-garde Disease Control via Mosquito Nano-Tech-Repellents</b> <a href="http://www.cost.eu/COST_Actions/ca/CA16227?management">http://www.cost.eu/COST_Actions/ca/CA16227?management</a>  <b>MC Member CA 18125 Advanced Engineering and Research of aeroGels for Environment and Life Sciences</b> <a href="https://www.cost.eu/actions/CA18125/#tabs Name:management-committee">https://www.cost.eu/actions/CA18125/#tabs Name:management-committee</a>				
<b>Personal skills and competences</b>					
Mother tongue	<b>Bosnian</b>				
Other language(s)					
Self-assessment	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	B2	B2	B2	B2	B2
<b>Italian</b>	C1	C1	C1	C1	C1
<b>German</b>	B2	B2	B2	B2	B2
<b>French</b>	A1	A1	A1	A1	A1
	(*) <a href="#">Common European Framework of Reference for Languages</a>				
Computer skills and competences	28. 04. 2011. ECDL (European Computer Driving Licence), CHEM OFFICE, Origin 8, Internet.				
Driving licence	B - car				
<b>Recently published papers</b>					
1	<b>Amra Bratovcic</b> , Different Applications of Nanomaterials and Their Impact on the Environment, <i>SSRG International Journal of Material Science and Engineering (SSRG-IJMSE)</i> - Volume 5 Issue 1– Jan-April 2019; doi: 10.14445/23948884/IJMSE-V5I1P101; Review paper				
2	<b>Amra Bratovcic</b> , Edita Saric, Determination of Essential Nutrients and Cadmium in the White Quinoa and Amaranth Seeds, <i>Croat Journal of Food Science and Technology</i> , <a href="#">Scientific paper</a> , <b>submitted</b> in January 2019				
3	<b>Amra Bratovcic</b> , Edita Saric, Biogenic elements as cofactors in enzymes and their amount in the chia seed, <a href="#">Scientific paper</a> , <i>Springer</i> , <b>accepted</b> in January 2019				
4	<b>Amra Bratovcic</b> , Photocatalytic degradation of organic compounds in wastewaters, <i>Technologica Acta</i> , vol. 11, no. 2, pp. 17–23, 2019. Scientific Review Paper, DOI: 10.5281/zenodo.2563022				
5	<b>Amra Bratovcic</b> , Sanela Nazdrajic, Amra Odobasic, Indira Sestan, The influence of Type of Surfactant on Physicochemical Properties of Liquid Soap, <i>International Journal of Materials and Chemistry</i> , 2018, 8 (2): 31-37, p-ISSN: 2166-5346, e-ISSN: 2166-5354, doi:10.5923/j.ijmc.20180802.02 <a href="#">Scientific Paper</a>				

6	Horozić Emir, Suljagić Jasmin, Ademović Zahida, <b>Bratovčić Amra</b> , Halilčević Lejla, Determination of total phenol content and antioxidative capacity of commercial green tea from Tuzla's markets, Split, Croatia, 2018, <b>submitted</b> , <a href="#">Scientific Paper</a>
7	<b>Amra Bratovcic</b> , Jasmin Suljagic, Micro- and nano-encapsulation in food industry, <i>Croat Journal of Food Science and Technology</i> , 2018 <b>submitted</b> , Review Paper
8	<b>Amra Bratovcic</b> , Amra Odobasic, Indira Sestan, Emina Tucic, Adisa Hasanbasic, Edita Saric, Determination of physical-chemical properties and stability of orange juice at room temperature, <i>Sixth Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina</i> , 18-19 June 2018, <b>submitted</b> , <a href="#">Scientific Paper</a>
9	Adisa Hasanbasic, Emina Tucic, <b>Amra Bratovcic</b> , Amra Odobasic, Indira Sestan, Impact of solvent and temperature on solubility and viscosity of expanded polystyrene (EPS), <i>International Students' GREEN Conference</i> , 17-18 May 2018, Osijek, Croatia, <b>submitted</b> , <a href="#">Scientific Paper</a>
10	Indira Sestan, Melisa Ahmetovic, Amra Odobasic, <b>Amra Bratovcic</b> , Sabina Begic, Physical and chemical characterization of agricultural waste and testing of sorbtion abilities for removal of heavy metals from aqueous solutions, <i>IJRASB</i> , Volume-5, Issue-6, November 2018, ISSN (ONLINE): 2349-8889; doi.org/10.31033/ijrasb.5.6.1 <a href="#">Scientific Paper</a>
11	<b>Amra Bratovcic</b> , Mirnesa Zohorovic, Amra Odobasic, Indira Sestan, Efficiency of food waste as an organic fertilizer, <i>International Journal of engineering sciences &amp; research technology</i> , Bratovcic* et al., 7(6): June, 2018, Impact Factor: 5.164, CODEN: IJESS7, ISSN 2277-9655, <a href="#">Scientific Paper</a>
12	Edita Sarić, <b>Amra Bratovčić</b> , Jovica Pažin, Control of heavy metal content in different types of vegetables produced in the area of Zenica, <i>Technologica acta</i> , <i>Technologica Acta</i> , vol. 10, no. 2, pp. 25–28, 2017. <a href="http://www.tf.untz.ba/images/slike/2017/12/TA_web-Vol_10-No_2-2017.pdf">http://www.tf.untz.ba/images/slike/2017/12/TA_web-Vol_10-No_2-2017.pdf</a> , <a href="#">Scientific Paper</a>
13	Šestan, I., Odobašić, A., <b>Bratovčić, A.</b> , Ahmetović, M., & Đozić, A. (2017). CORRELATION ANALYSIS OF METAL DISTRIBUTION IN THE WATER/SEDIMENT SYSTEM OF MODRAC LAKE. <i>INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES &amp; RESEARCH TECHNOLOGY</i> , 6(10), 642-646 <a href="http://www.ijesrt.com/issues%20pdf%20file/Archive-2017/October-2017/77.pdf">http://www.ijesrt.com/issues%20pdf%20file/Archive-2017/October-2017/77.pdf</a>
14	Investigation of Compost Quality of Meadow Grass, <b>Amra Bratovcic</b> , Amra Odobasic, Indira Sestan, Vedran Stuhli, <i>International Journal of Advances in Agricultural Science and Technology</i> , Vol.4 Issue10, October – 2017, pg. 18-27, ISSN: 2348-1358; Impact Factor: 6.057; Original Research Paper; <a href="http://paper.researchbib.com/view/paper/136581">http://paper.researchbib.com/view/paper/136581</a>
15	The level of knowledge on the use of Titanium dioxide as a photocatalyst in Bosnia and Herzegovina, <b>Amra Bratovcic</b> , Amra Odobasic, Indira Sestan, <i>American Journal of Engineering Research</i> , e-ISSN: 2320-0847; p-ISSN: 2320-0936, Vol 6, Issue 2, pp 51-55, Feb 2017, Original Research paper <a href="http://www.ajer.org/papers/v6(02)/106025155.pdf">http://www.ajer.org/papers/v6(02)/106025155.pdf</a>
16	Biosorption of lead and copper ions from aqueous solution using barley straw as adsorbent, Amra Odobašić, Indira Šestan, Sead Čatić, Husejin Keran, <b>Amra Bratovčić</b> , Melisa Ahmetović, <i>Technologica acta</i> , Vol. 9, Number 2, page 44-48, december 2016., Original Research paper <a href="http://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=18400426&amp;AN=120702618&amp;h=otOaLC2t087H8d%2bb7LPWHbzSiS4U1se%2fpYChUHUP67IDIdNK5V5uYljpFvNgWpIV3dBLofgL%2b8y1%2fnulH%2fN9g%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18400426%26AN%3d120702618">http://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=18400426&amp;AN=120702618&amp;h=otOaLC2t087H8d%2bb7LPWHbzSiS4U1se%2fpYChUHUP67IDIdNK5V5uYljpFvNgWpIV3dBLofgL%2b8y1%2fnulH%2fN9g%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18400426%26AN%3d120702618</a>
17	Rosemary as ecologically acceptable corrosion inhibitor of steel, Catic S., Obralic E., <b>Bratovcic A.</b> , <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i> , Vol 46, pp 47-50, 2016, Original research paper <a href="http://www.pmf.unsa.ba/hemija/glasnik/files/Issue%2046/5-9-Catic.pdf">http://www.pmf.unsa.ba/hemija/glasnik/files/Issue%2046/5-9-Catic.pdf</a>
18	The effect of heat treatment on the physical – chemical properties of milk, Indira Sestan, Amra Odobasic, <b>Amra Bratovcic</b> , <i>Academia Journal of Environmental Science</i> 4 (7): 131-136, July 2016, Original Research paper <a href="https://www.academiapublishing.org/journals/ajes/abstract/2016/Jul/Sestan%20et%20al.htm">https://www.academiapublishing.org/journals/ajes/abstract/2016/Jul/Sestan%20et%20al.htm</a>
19	Kinetics of Copper Ions Adsorption from Water Solutions on Humic Matter and Barley Straw, Indira Šestan, Amra Odobašić, <b>Amra Bratovčić</b> , Husejin Keran, Ema Obralić, <i>European Journal of Scientific Research</i> , ISSN 1450-216X/1450-202X Vol. 140 No 1 June, 2016, pp.109-113 Original Research paper <a href="http://www.europeanjournalofscientificresearch.com/issues/EJSR_140_1.html">http://www.europeanjournalofscientificresearch.com/issues/EJSR_140_1.html</a>

20	Physical-chemical properties and application of beeswax, <b>Amra Bratovcic</b> , Midhat Jasic, Amra Odobasic, Indira Sestan, <i>Book of abstracts an full papers from congres of beekeeping and bee products with international participation, Beekeeping and bee products, ISSN 2490-3159, Year 1, No 1, 2016. Review paper</i> <a href="https://www.researchgate.net/publication/305474044_Physical-chemical_properties_and_application_of_beeswax">https://www.researchgate.net/publication/305474044_Physical-chemical_properties_and_application_of_beeswax</a>
21	Inorganic Speciation of Lead, Copper and Zink in the Water of Modrac Lake by Application of DPASV, Indira Šestan, Amra Odobašić, <b>Amra Bratovčić</b> , Almir Šestan, <i>International Journal of Engineering and Management Research</i> , Vol. 6, (3), pg 564-568, May-June 2016., Original Research paper <a href="https://www.researchgate.net/publication/304572719_Inorganic_Speciation_of_Lead_Copper_and_Zi_nc_in_the_Water_of_Modrac_Lake_by_Application_of_DPASV">https://www.researchgate.net/publication/304572719_Inorganic_Speciation_of_Lead_Copper_and_Zi_nc_in_the_Water_of_Modrac_Lake_by_Application_of_DPASV</a>
22	Fotokatalitički tretman industrijskih otpadnih voda pomoću titanijum dioksida, engl. Photocatalytic treatment of industrial wastewater by titanium dioxide, <b>Amra Bratovcic</b> , Amra Odobasic, Indira Sestan, Alija Nurkic, <i>Third scientific conference with international participation "5<sup>th</sup> June – World Environment day" ISSN 2303-5889, Bihac, 04-05. June 2015., Review paper</i>
23	Application of polymer nanocomposite materials in food packaging, <b>Amra Bratovčić</b> , Amra Odobašić, S. Čatić, Indira Šestan, <i>Croat. J. Food Sci. Technol. (2015) 7 (2)</i> , doi: 10.17508/CJFST.2015.7.2.06 , Review paper <a href="http://hrcak.srce.hr/150085">http://hrcak.srce.hr/150085</a>
24	Speciation of Pb ions in Lake Modrac by differential pulse anodic stripping voltammetry (DPASV), Amra Odobašić, Sead Čatić, <b>Amra Bratovčić</b> , Indira Šestan, <i>International Journal of Basic &amp; Applied Sciences IJBAS-IJENS Vol:14 No:03, June 2014</i> , Original Research paper <a href="http://www.ijens.org/Vol_14_I_03/141403-7979-IJBAS-IJENS.pdf">http://www.ijens.org/Vol_14_I_03/141403-7979-IJBAS-IJENS.pdf</a>
25	Studying of corrosion behaviour of 316 L steel as a metallic biomaterial in the infusion solution, Sead Čatić, Adem Dautbašić, <b>Amra Bratovčić</b> , Ema Obralić, <i>Technologica acta Journal of science professional from chemistry and technology Vol. 6, Number 1, June 2013, 59-65</i> , Original Research paper <a href="http://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=18400426&amp;AN=89084194&amp;h=Vv4102vvyrMsnMKDCK10r25%2bJHitFVOo7MG5%2fhRqPY153c%2bBJwdzjtvAbekPAy%2fmKtoLibSIWlp1bji3lbMIHQ%3d%3d&amp;crI=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18400426%26AN%3d89084194">http://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=18400426&amp;AN=89084194&amp;h=Vv4102vvyrMsnMKDCK10r25%2bJHitFVOo7MG5%2fhRqPY153c%2bBJwdzjtvAbekPAy%2fmKtoLibSIWlp1bji3lbMIHQ%3d%3d&amp;crI=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d18400426%26AN%3d89084194</a>
26	Essential elements content determination in milk by applying the voltammetry method, H. Keran, A. Odobašić, S. Čatić, I. Šestan, <b>A. Bratovčić</b> , E. Obralić, E. Omeragić, <i>Food industry, Milk and dairy products, Vol. 24, 2013, pg 51.</i> , Original Research paper <a href="http://www.tf.uns.ac.rs/publikacije/prehrambena-industrija-2013.pdf">http://www.tf.uns.ac.rs/publikacije/prehrambena-industrija-2013.pdf</a>
27	Photocatalytic properties of sodium decatungstate supported on sol-gel silica in the oxidation of glycerol, Alessandra Molinari, Andrea Maldotti, <b>Amra Bratovcic</b> , Giuliana Magnacca, <i>Catalysis Today</i> , 206 (2013) 46-52., Original Research paper <a href="http://www.sciencedirect.com/science/article/pii/S0920586111008091">http://www.sciencedirect.com/science/article/pii/S0920586111008091</a>
28	Fe(III)-porphyrin heterogenized on MCM-41: Matrix effects on the oxidation of 1,4-pentandiol, Alessandra Molinari, Andrea Maldotti, <b>Amra Bratovcic</b> , Giuliana Magnacca, <i>Catalysis Today</i> , 2011, 161, 64-69., Original Research paper <a href="http://www.sciencedirect.com/science/article/pii/S0920586110005523">http://www.sciencedirect.com/science/article/pii/S0920586110005523</a>
29	Determination of Fluoride and Chloride Contents in Drinking Water by Ion Selective Electrode, <b>Amra Bratovcic</b> and Amra Odobasic, <i>Environmental Monitoring, ISBN: 978-953-307-724-6</i> , Original Research Chapter <a href="http://www.intechopen.com/books/environmental-monitoring/determination-of-fluoride-and-chloride-contents-in-drinking-water-by-ion-selective-electrode">http://www.intechopen.com/books/environmental-monitoring/determination-of-fluoride-and-chloride-contents-in-drinking-water-by-ion-selective-electrode</a>
30	Matrix effects on the photocatalytic oxidation of alcohols by [nBu <sub>4</sub> N] <sub>4</sub> W <sub>10</sub> O <sub>32</sub> incorporated into sol-gel silica, Alessandra Molinari, <b>Amra Bratovcic</b> , Giuliana Magnacca, Andrea Maldotti, <i>Dalton Transactions</i> , 2010, 39, 7826-7833., Original Research paper <a href="http://pubs.rsc.org/en/Content/ArticleLanding/2010/DT/c003282d#!divAbstract">http://pubs.rsc.org/en/Content/ArticleLanding/2010/DT/c003282d#!divAbstract</a>
31	The Advantages of the Use of Ion-Selective Potentiometry in Relation to UV/VIS Spectroscopy, <b>Amra Bratovčić</b> , Amra Odobašić, Sead Čatić, <i>Agriculturae Conspectus Scientificus, Vol. 74 (2009) No. 3 (139-142).</i> , Original Research paper <a href="http://hrcak.srce.hr/47337?lang=en">http://hrcak.srce.hr/47337?lang=en</a>
32	Determination of cadmium and lead in milk using voltammetric techniques, Keran Husejin, Odobasic Amra, <b>Bratovcic Amra</b> , Sestan Indira, Omeragic Emra, <i>Prehrambena industrija – mleko i mlečni proizvodi, Vol. 19. 1-2, pg. 34-47, 2008.</i> , Original Research paper

33	Determination of labile chemical forms of Cd and Zn in the water of „Modrac“ lake, Amra Odobasic, Sead Catic, Husejin Keran, <b>Amra Bratovcic</b> , <i>12th International Research/Expert Conference „Trends in the Development of Machinery and Associated Technology“ TMT Proceedings (2008) pg. 629-632, Istanbul, Turkey.</i> , Original Research paper
34	„The Influence of Different Soil Conditions to the Lead Bioavailability to Plants“, Husejin Keran, Amra Odobasic, Sead Catic, Mirsad Salkic, <b>Amra Bratovcic</b> , Indira Sestan, <i>12th International Research/Expert Conference „Trends in the Development of Machinery and Associated Technology“ TMT Proceedings (2008) pg. 249-252, Istanbul, Turkey.</i> , Original Research paper
35	Speciation of Copper in water lake Modrac with DPASV, Amra Odobasic, Hatidža Pašalić, Sead Čatić, <b>Amra Bratovčić</b> , <i>Quality of Life and Environment in the Frame of EU Sustainability, Belgrade, Serbia, Balkan Environmental Association, B.EN.A. 15-17 November 2007.</i> , Original Research paper
36	Determination of lead and copper in salt lake „Panonica“ by differential pulse anodic stripping voltammetry, Nusreta Djonlagic, Amra Odobasic, <b>Amra Bratovcic</b> , <i>11th International Research/Expert Conference „Trends in the Development of Machinery and Associated Technology“ TMT 2007, Hammamet, Tunisia, pg. 1355.</i> , Original Research paper
37	Anodic Depositions of Composites Electrode PbO <sub>2</sub> /CoO <sub>x</sub> on Substrat of Titanium, Sead Catic, Amra Odobasic, Hatidza Pasalic, <b>Amra Bratovcic</b> , Josip Pavkovic, <i>11th International Research/Expert Conference „Trends in the Development of Machinery and Associated Technology“ TMT 2007, Hammamet, Tunisia, pg. 1139.</i> , Original Research paper
38	Influence of agriculture on water quality – significance of monitoring of heavy metals, N. Djonlagic, A. Odobasic, <b>A. Bratovcic</b> , <i>Agriculturae Conspectus Scientificus, Vol. 72 No. 4, 2007. 377-381.</i> , Original Research paper, <a href="https://hrcak.srce.hr/index.php?id_clanak_jezik=30367&amp;show=clanak">https://hrcak.srce.hr/index.php?id_clanak_jezik=30367&amp;show=clanak</a>
<b>BOOK OF ABSTRACTS</b>	
1	<b>Amra Bratovcic</b> , Carbon nanomaterials in removing of organic compounds from water, Aveiro, Portugal, 21-22 March, 2019, COST Action CA15107MULTICOMP MULTI-FUNCTIONAL NANO-CARBON COMPOSITE MATERIALS NETWORK
2	Applications of nanomaterials in food packing, Amra Bratovcic, Amra Odobasic, Sead Catic, Indira Sestan, <i>8th International scientific Symposium "Food to Health", 16th October 2015. Tuzla, Bosnia and Herzegovina</i> , poster presentation
3	Biosorption of lead and copper ions from aqueous solutions using barley straw as adsorbent, Amra Odobašić, Indira Šestan, Sead Čatić, Husejin Keran, <b>Amra Bratovčić</b> , Melisa Ahmetović, <i>Third Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina, 4-5 June 2015</i> , poster presentation
4	Preparation of carbon aerogels and their electrochemical properties, <b>Amra Bratovčić</b> , Amra Odobašić, Edina Ibrišimović, <i>Third Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina, 4-5 June 2015</i>
5	Photocatalytic treatment of industrial waste water using titanium dioxide, <b>Amra Bratovčić</b> , Amra Odobašić, Indira Šestan, Alija Nurkić, <i>Third Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina, 4-5 June 2015</i> , , oral presentation
6	Heterogeneous photocatalysis using TiO <sub>2</sub> for photocatalytic wastewater treatment, <b>Amra Bratovcic</b> , Amra Odobasic, Alija Nurkic, <i>XV. Ružička days, Today science - Tomorrow Industry, Vukovar 2014.</i> , poster presentation
7	<b>Amra Bratovcic</b> , Andrea Maldotti, Alessandra Molinari, <i>New Photocatalytic Materials for Selective Oxidation Processes</i> , International scientific conference 10th conference of chemists, technologists and environmentalists of Republic of Srpska, Banja Luka, Bosnia and Herzegovina, November 15 and 16, 2013, ISBN 978-99938-54-48-7, pg 52
8	<b>A. Bratovcic</b> , A. Maldotti, A. Molinari, <i>Heterogeneous photocatalysts on the basis of Na4W10O32 for oxidation of glycerol</i> , 3rd International Symposium of Environmental potential, Sustainable development and Food production, Tuzla, Bosnia and Herzegovina, November 14 and 15, 2013, pg 36
9	<b>Amra Bratovcic</b> , Andrea Maldotti, Alessandra Molinari, <i>Photocatalytic materials based on polyoxotungstates for selective oxidation of alcohols</i> , Zbornik povzetkov Slovenski kemijski dnevi 2013, 10-12 September, Maribor, Slovenia, ISBN 978-961-248-404-0, pg 23
10	Amra Odobašić, Maja Hodžić, Indira Šestan, <b>Amra Bratovčić</b> , <i>Potentiometric determination content of potassium in different sort fresh and thermally processed tomato</i> , Zbornik povzetkov Slovenski kemijski dnevi 2013, 10-12 September, Maribor, Slovenia, ISBN 978-961-248-404-0, pg 104

11	<b>Amra Bratovcic</b> , Alessandra Molinari, Giuliana Magnacca, Andrea Maldotti, „[nBu4N]4W10O32 Inside Sol-gel Silica: Matrix Effects On The Photocatalytic Oxidation Of Alcohols“, XXIII IUPAC SYMPOSIUM ON PHOTOCHEMISTRY July, 11-16, 2010, Ferrara, Italy, pg 160
<b>ORAL PRESENTATIONS</b>	
1	<b>Amra Bratovcic</b> , „Green silver nano particles as mosquito larvicides“, Ohrid, Macedonia, 01-03.10.2018. Cost Action CA16227
2	<b>Amra Bratovcic</b> , „Synthesis of TiO <sub>2</sub> nanospheres and biosynthesis of green silver nano particles with possible application in textile industry“, Zagreb, Croatia, 06 July, 2018. Cost Action CA16227 Investigation and Mathematical Analysis of Avant-garde Disease Control via Mosquito Nano-Tech-Repellents.
3	<b>Amra Bratovcic</b> , Alessandra Molinari, Giuliana Magnacca, Andrea Maldotti, „[nBu4N]4W10O32 Inside Sol-gel Silica: Matrix Effects On The Photocatalytic Oxidation Of Alcohols“, XXIII IUPAC SYMPOSIUM ON PHOTOCHEMISTRY July, 11-16, 2010, Ferrara, Italy, pg 160
4	Freja Forum Invited speaker on Seminar C: Climate Change – from Paris Agreement to UN 2030, 10-12 November 2017, Tuzla; Panel: Ms. Ph. D. Amra Bratovčić, professor, Faculty of Technology Tuzla, Bosnia and Herzegovina <a href="http://www.frejaforum.com/index.php?option=com_wrapper&amp;view=wrapper&amp;Itemid=246">http://www.frejaforum.com/index.php?option=com_wrapper&amp;view=wrapper&amp;Itemid=246</a>
5	Physical-chemical characterization of biosorbent on the base of barley straw and possibilities of application, Indira Šestan, Melisa Ahmetović, Amra Odobašić, Amra Bratovčić, 5 <sup>th</sup> SCIENTIFIC SYMPOSIUM WITH INTERNATIONAL PARTICIPATION "ENVIRONMENTAL RESOURCES, SUSTAINABLE DEVELOPMENT AND FOOD PRODUCTION“, OPORPH – 2017, 16 <sup>th</sup> and 17 <sup>th</sup> November, 2017. Tuzla, Bosnia and Herzegovina
6	Physical-chemical properties and application of beeswax, <b>Amra Bratovcic</b> , Midhat Jasic, Amra Odobasic, Indira Sestan, <i>Book of abstracts an full papers from congres of beekeeping and bee products with international participation, Beekeeping and bee products, ISSN 2490-3159, Year 1, No 1, 2016. Review paper</i>
7	The kinetics of copper ions adsorption from aqueous solutions on natural and comercial adsorbents, Amra Odobašić, Indira Šestan, Sead Ćatić, <b>Amra Bratovčić</b> , Muhamed Bijedić. IV SYMPOSIUM „Environmental resources, sustainable development and food production“ - OPORPH 2015, 12-13 November 2015
8	„Advantages and disadvantages of titanium dioxide photocatalyst“, <b>Amra Bratovcic</b> , Amra Odobasic, Sead Catic, Indira Sestan, Alija Nurkic, IV SYMPOSIUM „Environmental resources, sustainable development and food production“ - OPORPH 2015, 12-13 November 2015
9	<i>Heterogeneous photocatalysts on the basis of Na4W10O32 for oxidation of glycerol</i> , <b>A. Bratovcic</b> , A. Maldotti, A. Molinari, November 14 and 15, 2013, Tuzla, Bosnia and Herzegovina, 3rd International Symposium of Environmental potential, Sustainable development and Food production
10	Photocatalytic materials based on polyoxotungstates for selective oxidation of alcohols, <b>Amra Bratovcic</b> , Andrea Maldotti, Alessandra Molinari, 10-12 September, 2013, Maribor, Slovenia
11	Design of Heterogeneous photocatalysts for selective oxidation of Alcohols, <b>Amra Bratovcic</b> , Doctoral Thesis, March 23, 2012, University of Ferrara, Ferrara, Italy
<b>POSTER PRESENTATIONS</b>	
1	<b>Amra Bratovcic</b> , Carbon nanomaterials in removing of organic compounds from water, Aveiro, Portugal, 21-22 March, 2019, COST Action CA15107MULTICOMP MULTI-FUNCTIONAL NANO-CARBON COMPOSITE MATERIALS NETWORK
2	<b>Amra Bratovcic</b> , Jasmin Suljagic, „Micro- and nano-encapsulation in food industry“, Split, Croatia, 11 <sup>th</sup> International Scientific and Professional Conference WITH FOOD TO HEALTH, 19-20.10.2018.
3	<b>Amra Bratovcic</b> , „Synthesis of titanium dioxide – carbon xerogel composites, CA 15107 Multi-Functional Nano-Carbon Composite Materials Network (MultiComp), University Polytechnica of Bucharest, Bucharest, Romania, 6-7 September 2018
4	<b>Amra Bratovcic</b> , Amra Odobasic, Indira Sestan, Emina Tucic, Adisa Hasanbasic, Edita Saric, <i>Determination of physical-chemical properties and stability of orange juice at room temperature</i> , Sixth Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina, 18-19 June 2018
5	Adisa Hasanbasic, Emina Tucic, <b>Amra Bratovcic</b> , Amra Odobasic, Indira Sestan, <i>Impact of solvent and temperature on solubility and viscosity of expanded polystyrene (EPS)</i> , International Students' GREEN Conference, 17-18 May 2018, Osijek, Croatia



6	<b>Amra Bratovcic</b> , Esther Bailón-García, Agustín F. Pérez-Cadenas, Francisco Carrasco-Marín, Francisco J. Maldonado-Hódar, <i>Titanium oxide nanospheres coated with carbon xerogel as efficient photocatalysts for the elimination of drugs</i> , <b>Cost Action 15107</b> , Multi-Functional Nano-Carbon Composite Materials Network (MultiComp), <b>Vilnius, Lithuania, 8-9 March 2018</b> .
7	Control of heavy metal content in different types of vegetables produced in the area of Zenica, Edita Sarić, <b>Amra Bratovčić</b> , Jovica Pažin, 5 <sup>th</sup> SCIENTIFIC SYMPOSIUM WITH INTERNATIONAL PARTICIPATION "ENVIRONMENTAL RESOURCES, SUSTAINABLE DEVELOPMENT AND FOOD PRODUCTION", OPORPH – 2017, 16 <sup>th</sup> and 17 <sup>th</sup> November, 2017. Tuzla, Bosnia and Herzegovina
8	Quality Assessment of the Native Soil, <b>Amra Bratovcic</b> , Edita Sarić, Edin Gutic, Senada Mujčinovic, 5 <sup>th</sup> SCIENTIFIC SYMPOSIUM WITH INTERNATIONAL PARTICIPATION "ENVIRONMENTAL RESOURCES, SUSTAINABLE DEVELOPMENT AND FOOD PRODUCTION" OPORPH – 2017, 16 <sup>th</sup> and 17 <sup>th</sup> November, 2017. Tuzla, Bosnia and Herzegovina
9	Determination of physical-chemical parameters of quality of workable soil, <b>Amra Bratovčić</b> , Indira Šestan, Emina Mujčinović, Lejla Mujkić, 5 <sup>th</sup> SCIENTIFIC SYMPOSIUM WITH INTERNATIONAL PARTICIPATION "ENVIRONMENTAL RESOURCES, SUSTAINABLE DEVELOPMENT AND FOOD PRODUCTION " OPORPH – 2017, 16 <sup>th</sup> and 17 <sup>th</sup> November, 2017. Tuzla, Bosnia and Herzegovina
10	"Correlative analysis of the distribution of metals in the system of water/sediment of accumulation Lake Modrac", Indira Šestan, Amra Odobašić, <b>Amra Bratovčić</b> , Melisa Ahmetović, Fifth Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina, 29-30 June 2017, Book of Abstracts, ISSN 2303-5889, pg 88
11	Application of new materials based on TiO <sub>2</sub> , <b>Amra Bratovcic</b> , Amra Odobasic, Azra Basic, Edina Suljic, Jasmina Alic, XI susret mladih kemijskih inženjera, 18-19.02.2016., Zagreb, Croatia, <i>Faculty of Chemical Engineering and Technology</i> , Zagreb, Marulićev trg 20
12	„Applications of nanomaterials in food packing“, <b>Amra Bratovcic</b> , Amra Odobasic, Sead Čatić, Indira Šestan, 8 <sup>th</sup> International scientific Symposium "Food to Health", 16th October 2015. Tuzla, Bosnia and Herzegovina
13	Third Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina, 4-5 June 2015, „Biosorption of lead and copper ions from aqueous solutions using barley straw as adsorbent“, Amra Odobašić, Indira Šestan, Sead Čatić, Husejin Keran, <b>Amra Bratovčić</b> , Melisa Ahmetović
14	Third Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina, 4-5 June 2015, „Photocatalytic treatment of industrial waste water using titanium dioxide“, Amra Bratovčić, Amra Odobašić, Indira Šestan, Alija Nurkić
15	Third Scientific Conference with international participation, 5 June, World Environment Day, Bihac, Bosnia and Herzegovina, 4-5 June 2015, „Preparation of carbon aerogels and their electrochemical properties“, <b>Amra Bratovčić</b> , Amra Odobašić, Edina Ibrišimović
16	XV. Ružička days, Today science - Tomorrow Industry, Vukovar 2014. „Heterogeneous photocatalysis using TiO <sub>2</sub> for photocatalytic wastewater treatment“, <b>Amra Bratovcic</b> , Amra Odobasic, Alija Nurkić
17	Correlation of physical-chemical parameters of fresh and thermally processed milk and content of calcium, Indira Šestan, Amra Odobašić, <b>Amra Bratovčić</b> , X susret mladih kemijskih inženjera, Faculty of Chemical Engineering and Technology, Zagreb, 20-21 February 2014
18	XI Giornata della Chimica dell'Emilia-Romagna, October 28, 2011, University of Modena, Modena, Italy
19	FINELUMEN International Summer School „Advanced Physical Methods for Organic, Inorganic and Hybrid Materials“. May 23-27, 2011, Lochow, Poland
20	6 <sup>th</sup> European Meeting on Solar Chemistry & Photocatalysis: Environmental Applications, 13 <sup>th</sup> to 16 <sup>th</sup> June 2010 Prague, Czech Republic „Fe(III)-Porphyrin Heterogenized On MCM-41: A New Photocatalyst For The Selective Oxidation Of 1,4-Pentenediol, <b>Amra Bratovcic</b>
21	6 <sup>th</sup> European Meeting on Solar Chemistry & Photocatalysis: Environmental Applications, 13 <sup>th</sup> to 16 <sup>th</sup> June 2010 Prague, Czech Republic „[nBu4N]4W10O32 Incorporated Into Sol-gel Silica: Matrix Effects On The Photocatalytic Oxidation Of Alcohols“, <b>Amra Bratovcic</b>
22	XXIII IUPAC SYMPOSIUM ON PHOTOCHEMISTRY July, 11-16, 2010, Ferrara, Italy „[nBu4N]4W10O32 inside sol-gel silica: matrix effects on the photocatalytic oxidation of alcohols“, <b>Amra Bratovcic</b> , Alessandra Molinari, Giuliana Magnacca, Andrea Maldotti

23	IX Giornata della Chimica dell'Emilia-Romagna, Dicembre 4, 2009, University of Bologna, Bologna, Italy
<b>Recently published books</b>	<ol style="list-style-type: none"> <li>1. „Theoretical basics with experiments from pedology and agrochemistry” Teoretske osnove sa eksperimentalnim vjezbama iz pedologije i agrohemije” authors: Dr.sc. Indira Šestan, docent and Dr.sc. Amra Bratovic, assoc. prof, Senat University of Tuzla, 27.06.2018.</li> <li>2. Eksperimentalna fizikalna hemija sa teoretskim osnovama“, eng. „Experimental physical chemistry with theoretical basics“, Amra Odošahić, Sead Ćatić, <b>Amra Bratovčić</b>, Indira Šestan, Husejin Keran, ISBN 978-9958-894-32-9, <b>2016</b>.</li> <li>3. „Eksperimentalna fizikalna hemija sa teoretskim osnovama“, eng. „Experimental physical chemistry with theoretical basics“, Amra Odošahić, Sead Ćatić, <b>Amra Bratovčić</b>, Indira Šestan, Husejin Keran, ISBN 978-9958-894-32-9, <b>2016</b>.</li> <li>4. „Eksperimentalna fizikalna hemija sa teoretskim osnovama“, eng. „Experimental physical chemistry with theoretical basics“, Amra Odošahić, Sead Ćatić, <b>Amra Bratovčić</b>, Indira Šestan, Husejin Keran, ISBN 978-9958-31-176-5, <b>2014</b>.</li> <li>5. “Zbirka zadataka iz fizikalne hemije i elektrohemije“, eng. „Theoretical Problems and solutions in Physical Chemistry and Electrochemistry“, <b>2013</b>, Authors: Amra Odošahić, Sead Ćatić, Husejin Keran, Indira Šestan, <b>Amra Bratovčić</b>, ISBN 978-9958-31-137-8</li> <li>6. „Eksperimentalna elektrohemija“, – „Experimental electrochemistry“, <b>2009</b>, ISBN: 978-9958-13-023-6, Amra Odošahić, Sead Ćatić, <b>Amra Bratovčić</b>, Indira Šestan</li> </ol>
<b>Book Chapter</b>	<ol style="list-style-type: none"> <li>1. The extraction of heavy metals from vegetable samples, Amra Odošahić, Indira Šestan, <b>Amra Bratovčić</b>, Elsevier Book: Ingredients Extraction by Physicochemical Methods in Food, 1st Edition, Editors: Alexandru Grumezescu Alina Maria Holban, Academic Press Inc (Verlag), 978-0-12-811521-3 (ISBN), 2017. <a href="https://www.elsevier.com/books/ingredients-extraction-by-physicochemical-methods-in-food/grumezescu/978-0-12-811201-4">https://www.elsevier.com/books/ingredients-extraction-by-physicochemical-methods-in-food/grumezescu/978-0-12-811201-4</a></li> <li>2. Determination of Fluoride and Chloride Contents in Drinking Water by Ion Selective Electrode, Amra Bratovic and Amra Odošahić, book edited by Ema O. Ekundayo, ISBN 978-953-307-724-6, Published: November 4, 2011 under CC BY 3.0 license <a href="https://www.intechopen.com/books/environmental-monitoring/determination-of-fluoride-and-chloride-contents-in-drinking-water-by-ion-selective-electrode">https://www.intechopen.com/books/environmental-monitoring/determination-of-fluoride-and-chloride-contents-in-drinking-water-by-ion-selective-electrode</a></li> </ol>
<b>Mentoring in the Doctoral and Master's Thesis</b>	
	<ol style="list-style-type: none"> <li>1. Doctoral Thesis entitled: “The influence of Type of Surfactant on Quality and Physicochemical Properties of Liquid Soap”, candidate Sanela Nazdrajic, Mr of chemistry in education, PhD student, active</li> <li>2. Master's thesis entitled “Preparation and characterization of graphene and its composites”, candidate Melisa Avdibegovic, bachelor Engineer of Chemical Technology, The Master thesis was defended on 07.02.2019.</li> <li>3. Master's thesis entitled "Synthesis and physical-chemical characterization of carbon nanomaterials", candidate Edina Ibrisimovic, chemistry professor. The Master thesis was successfully defended in 2016.</li> <li>4. Master's thesis entitled "Application of photocatalytic processes for waste water treatment", candidate Alija Nurkic, BSc. engineer technology, The Master thesis was defended on 29.12.2015.</li> </ol>

<b>Projects</b>	<ol style="list-style-type: none"> <li>1. (ENG) Osmosis process for the removal of traces of pharmaceutical organic pollutants (ARRS-MS-BI-BA-JR-Prijava/2018/55) (SLO) Proces osmoze za odstranitev sledov farmacevtskih organskih onesnaževal (ARRS-MS-BI-BA-JR-Prijava/2018/55) (BOS) Napredni proces osmoze za tragove lijekova kao organskih zagađivača (ARRS-MS-BI-BA-JR-Prijava/2018/55) ; Bilateral cooperation with Republic Slovenia, <b>2019-2020; Leader project</b></li> <li>2. (ENG) Production of lignin and its model components as well as catalytic upgrading to higher-value chemicals (SLO)Pridobivanje lignina in njegovih modelnih komponent ter katalitska nadgradnja v kemikalije višjih vrednosti (LigMoKat); (BOS) Dobijanje lignina i njegovih modelnih komponenata kao i katalitska nadogradnja u hemikalije viših vrijednosti, Bilateral cooperation with Republic Slovenia, <b>2019-2020; Member of project</b></li> <li>3. Research on the possibility of applying agricultural waste for biosorption processes for removing heavy metals from natural and wastewater, supported by Federal Ministry of education, science and culture, <b>Member of project, 2017-2018</b></li> <li>4. "Development of new photocatalytic materials on the basis of Titanium dioxide, Federal Ministry of Education of Bosnia and Herzegovina, 2015.</li> <li>5. Youth Scientific and Research Camp, financed by Embassy USA, 45000 USD, 2015.</li> <li>6. "Effetti matrice in fotocatalisi eterogenea", ATENEO FAR 2011, Univerzitet Ferrara</li> <li>7. "Ossidazioni fotocatalitiche con sistemi inorganici organizzati", ATENEO FAR 2010, Univerzitet Ferrara</li> <li>8. "Identification of the state and chemical forms of heavy metals in natural waters TK", Ministry of Education, Science Culture and Sport of TK</li> <li>9. "Determination of the quality and classification of agricultural land parcels in the area of Sprecko field in terms of pollution with heavy metals", Ministry of Education, Science Culture and Sport TK</li> <li>10. "Testing bioavailability of heavy metals Pb, Cu, Zn, Cd and Fe in the area of Tuzla Canton", Ministry of Education, Science Culture and Sport TK</li> <li>11. The European Union's IPA Programme for Bosnia and Herzegovina Strengthening Institutional Capacity for Quality Assurance BA11-IB-OT-02, 2015.</li> <li>12. TEMPUS PROJECT BIHTEK, 530696-TEMPUS-1-2012-BE-TEMPUS-SMGR, 2015.</li> </ol>
<b>Activities on Project</b>	<ol style="list-style-type: none"> <li>1. The European Union's IPA Programme for Bosnia and Herzegovina Strengthening Institutional Capacity for Quality Assurance BA11-IB-OT-02 Component 3: Implementation of quality management systems in higher education institutions <u>Activity 3.1:</u> Thematic workshops about quality management in higher education institutions, Workshop, 12<sup>th</sup> March 2015, Banja Luka</li> <li>2. The European Union's IPA Programme for Bosnia and Herzegovina Strengthening Institutional Capacity for Quality Assurance BA11-IB-OT-02 Component 3: Implementation of quality management systems in higher education institutions <u>Activity 3.2:</u> Thematic workshops about quality management in higher education institutions in EU – study visit, 15 – 20 March 2015, Wien, Austria</li> <li>3. The European Union's IPA Programme for Bosnia and Herzegovina Strengthening Institutional Capacity for Quality Assurance BA11-IB-OT-02 Component 3: Implementation of quality management systems in higher education institutions <u>Activity 3.1:</u> Thematic workshops about quality management in higher education institutions <u>Fourth mission:</u> Pre-Draft version criteria for institutional accreditation – discussion and feedback Banja Luka, 28th April 2015</li> </ol>
	<p><b>TEMPUS PROJECT – „Benchmarking as a Tool for improvement of Higher Education Performance-530696-TEMPUS-1-2012-BE-TEMPUS-SMGR“</b> Bihac, Bosnia and Herzegovina BIHTEK, 21 - 23 April 2015 Ghent, Belgium, BIHTEK Study Visit, 29-30 June 2015.</p>

<b>Workshop on <u>HORIZON 2020</u></b>	<p>Info seminar and Workshop on <i>HORIZON 2020 - Capacity building of BiH in European research and technology development, programmes and initiatives</i>, held in Sarajevo organised by Ministry of Civil Affairs of Bosnia and Herzegovina, 6th and 7th May 2014, University of Sarajevo</p> <p>Workshop on "<b>Preparation of Project Proposals</b>" held in Tuzla organised by Ministry of Civil Affairs of Bosnia and Herzegovina, 20th June 2013, University of Tuzla</p> <p>Workshop on "<b>Preparation of Project Proposals</b>" held in Sarajevo organised by Ministry of Civil Affairs of Bosnia and Herzegovina with financial support of the Austrian Development Agency, March 29th 2013 at the premises of the Parliamentary Assembly of BiH</p>
<b>European Commission</b>	<p>Workshop „Technical assistance on HORIZON 2020“, Sarajevo, Bosnia and Herzegovina, 18 November 2014 organized by European Commission.</p> <p>Workshop „Dialogues: Public Engagement about science, technology and innovation“, Joint Research Centre European Commission, Mostar, Bosnia and Herzegovina, 06-07-July 2015.</p>
<b>Seminar/Conference</b>	<p><b>Service-learning Training for Higher Education, 21<sup>st</sup> and 22<sup>nd</sup> June 2018 Tuzla, Bosnia and Herzegovina, University of Tuzla, Faculty of Natural Sciences and Mathematics (PMF)</b> Univerzitetska 4, 75 000 Tuzla, Bosnia and Herzegovina Facilitators: Luz Avruj – Latin American Center for Service-Learning (CLAYSS) Edina Malkić - MU "Interaktivne otvorene škole" (MIOS)</p> <p>This workshop will allow teachers to incorporate service-learning as a strategy that allows them to improve the academic performance of their students while addressing specific community problems. The service-learning practices are an innovative pedagogical proposal within the framework of project-based education which promotes student service activities where academic knowledge is applied to solve/address the specific needs and issues of the community. Service-learning projects simultaneously contribute to local development of the community and improve the quality of academic learning, helping students to gain suitable abilities to enter the job market and to develop personal values to become responsible citizens.</p> <p><b>"Low Carbon Development of BiH"</b> was held in the "Youth Grbavica Center" in Sarajevo on <b>13<sup>th</sup> June 2018</b>. This conference is organized with the help of the Heinrich Boell Foundation. The conference was attended by Marion Kraske (Director of the Heinrich Boell Foundation Office in Sarajevo), Anes Podić (Eco Action), Vedad Suljić (REIC), Azrudin Husika and Sanela Klarić, Green Council. The conference talked about the lack of public involvement when it comes to environmental protection, renewable energy sources. There was also talk of the authorities in BiH that do not attach great importance to problems such as the lack of systemic climate and energy policies in Bosnia and Herzegovina and the damaging consequences that such access by local authorities as well as political pressures are produced by BiH citizens.</p> <p>Seminar under title „Sustainable Technologies in The Chemical Industry“ from April 7th to May 5th, 2012, organised by the University of Tuzla, Faculty of Technology and Tempus 158989-Tempus -1-20009-1-BE-Tempus-JPHES „Creation of university-enterprise cooperation for education on sustainable technologies“</p> <p>20-21 April, 2011, Sarajevo Bosnia and Herzegovina – Seminar on “First steps towards EU grants for Bosnia and Herzegovina – million euros for good ideas and projects”</p>
<b>Summer School</b>	20-31 July 2009, Crete, Greece – Summer School, “From Chemistry to Biology & Medicine via Metals”
<b>Scholarship</b>	
	<b>2018</b> Short Term Scientific Mission (STSM), COST Action: CA15107; STSM reference number: 42233; Host institution: Universidad del País Vasco/Euskal Herriko Unibertsitatea (UPV-EHU), Donostia-San Sebastian, ES; STSM start and end date: 15/02/2019 - 15/03/2019;
	<b>2018</b> Staff Mobility for training, ERASMUS + at the University of Opole, Opole, Poland, 22-26.10.2018.
	<b>2018</b> Staff Mobility for training, ERASMUS + at the University of Middle East Technical University (METU) in Ankara, Turkey, 09-13.07.2018.
	<b>2016</b> , Scholarship of Coimbra Group, 3 months at the University of Granada, Granada, Spain, 01.09.2016.-29.11.2016.

	2015, Scholarship for Staff mobility - 1 month, Erasmus Mundus S.UN.B.E.A.M. Structured University mobility between the Balkans and Europe for the Adriatic-ionic Macroregion Erasmus Mundus Action 2 – Strand 1, „Università Politecnica delle Marche“, Ancona, in Italy. 11.05.2016. - 08.06.2016.
	2014, Scholarship for Staff mobility Erasmus Mundus Action 2 Penta JoinEU-SEE, University of Granada, Spain
	2009, 2010, 2011 Fully funded Doctoral degree – PhD Scholarship, Italian Ministry of Education
	2007, Ministry of Science and Education Tuzla Canton, Bosnia and Herzegovina, Financial Aid for the Master Degree
	2003, University of Tuzla
<b>Awards</b>	26 November 2010, Parma, Italy – Doctoral Award from Italian Chemistry Society, Section Emilia Romagna for 2010 Academic Year  2003 - Silver Plaque from the University of Tuzla
<b>Ability to use following Lab equipment</b>	
	UV/Vis spectrophotometer Photometer HPLC - High-performance liquid chromatograph GC – Gas Chromatograph Photocatalytic reactor Microwave reactor for the polymerization reactions Zetasizer nano Potetioostat/Galvanostat IR spectrometer Viscometer Tensiometer (surface tension) Refractometer pH-meter Conductometer Ion Meter with ion selective electrodes Ultracentrifuge Ultrasonicator
<b>Certificate for foreign languages</b>	
<b>1</b>	08.07.2013 DELF A1 Diplôme d'études en langue française A1
<b>2</b>	07.05. 2010. C1 Italian language University of Ferrara
<b>3a</b>	Decembar 2009 – B2 First Certificate in English (FCE)The Cambridge English language test
<b>3b</b>	02.08.2008 B2 English as a Foreign Language accredited by the British Council at Embassy CES London Southbank
<b>4</b>	B2 German , CPE Tuzla, June 2017.
<b>IT skills</b>	
<b>1.</b>	28.04.2011. ECDL – European Computer Driving Licence Basic IT Using the Computer and managing files/ Windows XP Word 2003, Excel 2003, Access 2003, Power Point 2003, Internet Explorer 6/Outlook
<b>2.</b>	Macromedia Web designer, Tuzla 22.04.2008.

<b>Social activities</b>	<ul style="list-style-type: none"> <li>- In 2015, she successfully completed the School of Political Science of the Council of Europe and participated in the 4th World Forum for Democracy of the Council of Europe in Strasbourg from 18 to 20 November 2015.</li> <li>- Member of Freja Forum Network, since November 2017.</li> <li>- Invited speaker on 12<sup>th</sup> Freja Forum in Belgrade, 9-11 November 2018 under workshop 6: "Women, youth, equality and peace"</li> <li>- She was invited lecturer at the 11th Freja Forum, which was held in Tuzla in the period 10-12. November 2017. The seminar that she led was called "Climate Change - from the Paris Accord to UN 2030", (Climate Change - from Paris Agreement to UN 2030).</li> <li>- On November 12, 2017, he attended the Freja Academy at the "Gender Equality" - "Gender-Pictures and Attitudes" lecture by Liselott Vahermägi from Sweden.</li> <li>- 02.12.2017. Participated in communication skills training and the lecturer was Sanja Medica.</li> </ul>
<b>Short Education Course</b>	Theoretical-practical course in field of mercury porosimetry and practice to use equipment by Quantachrome – IESMAT (Instrumentación Especifica de Materiales) „Specific instrument for materials“ from 18.10.2016., Madrid, Spain.
<b>Referees</b>	
1.	Prof. dr. Andrea Maldotti , University of Ferrara, Italy, e-mail: mla@unife.it
2	Prof. dr. Alessandra Molinari, University of Ferrara, Italy, e-mail: mna@unife.it
3	Prof. dr. Agustin F. Perez Cadenas, University of Granada, Spain e-mail: afperez@ugr.es