

## PERSONAL INFORMATION



## Dr Ismet Tahirović

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Date of birth: 22. 03. 1968.

Place of birth: Cazin, Bosnia and Herzegovina

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## ORCID

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[AAF-5650-2019](https://www.researcherid.com/rr/R-3333-2019)



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## EMPLOYMENT

**University of Sarajevo-Faculty of Science**

Department of Chemistry,

📍 Zmaja od Bosne 35, 71 000 Sarajevo, Bosnia and Herzegovina

Room: 242/II

**Full-time professor in the field of organic chemistry and biochemistry**

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## WORK EXPERIENCE

from 29.05.2018.

Full-time professor in the field of organic chemistry and biochemistry in Chemistry department University of Sarajevo-Faculty of Science, Sarajevo, Bosnia and Herzegovina

2013 – 2018.

Associate professor in the field of organic chemistry and biochemistry in Chemistry department University of Sarajevo-Faculty of Science, Sarajevo, Bosnia and Herzegovina

2008 – 2013.

Assistant professor in the field of organic chemistry and biochemistry in Chemistry department University of Sarajevo-Faculty of Science, Sarajevo, Bosnia and Herzegovina

2001 – 2008.

Senior assistant in the field of organic chemistry and biochemistry in Chemistry department University of Sarajevo-Faculty of Science, Sarajevo, Bosnia and Herzegovina

1997 – 2001.

Assistant in the field of organic chemistry and biochemistry in Chemistry department University of Sarajevo-Faculty of Science, Sarajevo, Bosnia and Herzegovina

Teaching experience

Full-time professor, Associate professor and Assistant professor in the field of organic chemistry and biochemistry in Chemistry department University of Sarajevo-Faculty of Science, Sarajevo, Bosnia and Herzegovina on subjects:

1<sup>st</sup> study cycle:

- Bioanalytical chemistry, Biochemistry I, Biochemistry II, Chemistry of macromolecules, Chemistry of reactive nitrogen species, Food biochemistry,

Polimeric waste and its recycling, Physical biochemistry, Organic chemistry I, Organic chemistry II, Mechanisms of organic reactions.

2<sup>nd</sup> study cycle:

- Biochemistry with clinical correlations, Neurochemistry, Immunochemistry, Food biochemistry-selected topics, Modern instrumental methods in organic chemistry, Separation methods in organic chemistry.

3<sup>rd</sup> study cycle:

- Biomarkers of lipid peroxidation, Hormones and neurotransmitters in human organism, Selected bioanalytical methods.

Assistant on practical exercises in the subject *Organic chemistry and biochemistry*.

#### Research experience

- Determination of oxidative stress parameters in experimental models of diabetes mellitus type 2 and in postmortem brain tissues of people with neurodegeneration, such as Alzheimer's and Parkinson's disease;
- Determination of lipid peroxidation biomarkers in human and animal samples using derivative UV/Vis spectrophotometry.

#### EDUCATION

2004 - 2007 **Doctor of Chemical Sciences**, University of Sarajevo-Faculty of Science, Sarajevo.  
Doctoral thesis: „Application of fluorescent method with fluorescein and β-phycoerythrin in measurement of total antioxidative capacity of human brain tissue“, supervisor: Prof. dr. *emeritus* Emin Sofić.

1997 – 2001 **Master of Chemical Sciences**, University of Sarajevo-Faculty of Science, Sarajevo.  
Master thesis: „Colorimetric method for monitoring butyrylcholinesterase inhibition caused by an organophosphate pesticide“, supervisor: An academician Prof. dr. Zdravko Pujić.

1988 – 1997 **Bachelor of Chem. Engineering**, University of Sarajevo-Faculty of Science, Sarajevo.  
Diploma thesis: „Complexes of Mo(V) with N-alkyl substituted salicylidene imines“, supervisor: Prof. dr. Emira Kahrović

1983 – 1987 „Chemical technician-analyst“, High School center „Ibrahim Perviz“ Cazin.

1975 – 1983 Primary School „Gornja Koprivna“ Cazin.

#### PERSONAL SKILLS

Mother language Bosnian

Other languages

	UNDERSTANDING		SPEECH		WRITING
	Listening	Reading	Speech interaction	Speech production	
English	B2.2	B2.2	B2.2	B2.2	B2.2
Certificate of knowledge of the English language: Center for foreign languages, Sarajevo					

Deutsch	A2	A2	A2	A2
Degrees: A1/2 - Elementary level; B1/2 – Intermediate level; C1/2 – Advanced user. Common European Framework of Reference for Languages				
Computer skills	<ul style="list-style-type: none"><li>▪ Microsoft Office™</li><li>▪ Chemical software</li></ul>			
Driving license	<ul style="list-style-type: none"><li>▪ B, C and E category</li></ul>			

**Improvements**

april - june 2008

Pedagogical education of teachers and associates, University of Sarajevo.

**Participation in projects**

## Project title

*„Correlations of antioxidant activity, content of total phenols and total proteins in samples of Bosnian-Herzegovinian royal jelly“**Domestic; scientific-research.**Federal Ministry of Education and Science*

Financier

Duration

2018-2020.

## Project title

*“Determination of the antioxidant capacity against peroxide and hydroxyl free radicals and the content of natural phenols in samples of different types of bee honey from Bosnia and Herzegovina“**Domestic; scientific-research.**Federal Ministry of Education and Science*

Financier

Duration

2014/2015.

Participated in the implementation of six scientific-research projects:

## Project title

*“Antinociceptive activity of botulinum toxin type a: new mechanism of action, new indications?”**International; scientific-research.**prof. dr. Peter Riederer**Collaborator – researcher**DAAD*

Duration

2011-2012.

## Project title

*„Biochemical changes in the lipid-protein composition of brain tissue in Alzheimer's disease“**Domestic; scientific-research.**prof. dr. Emin Sofić**Collaborator – researcher**Ministry of Education and Science of Sarajevo Canton*

Duration

2007-2008.

## Project title

*“Experimental models of Alzheimer's disease and cerebral diabetes related disorders”**International; scientific-research.**prof. dr. Peter Riederer**Collaborator – researcher**DAAD*

Duration

2005 – 2006.

## Project title

*“Antioxidant capacity of brain tissue in an animal model of diabetes mellitus and Alzheimer's disease and measurement of antioxidant capacity of food homogenates”**Domestic; scientific-research.**prof. dr. Emin Sofić**Collaborator – researcher**Ministry of Education and Science of Sarajevo Canton*

Duration

2005 – 2006.

Project title            „Total antioxidant capacity of different regions of brain in Parkinson's and Alzheimer's disease“  
 Project type            International; scientific-research.  
 Project leader          prof. dr. Peter Riederer  
 Participation           Collaborator – researcher  
 Financier               DAAD  
 Duration                2003 – 2004.

Project title            “Totalni antioksidativni kapacitet različitih regija mozga oboljelih od Parkinsonove i Alzheimerove bolesti“  
 Project type            Domestic; scientific-research.  
 Project leader          prof. dr. Emin Sofić  
 Participation           Collaborator – researcher  
 Financier               Ministry of Education and Science of Sarajevo Canton  
 Duration                2003 – 2004.

### **Participation in regional conferences**

- November 2019           VI International scientific-professional symposium “Environmental resources, sustainable development, and food production“ – OPORPH, 14-15 November 2019, Tuzla, Bosnia and Herzegovina.
- October 2018              3<sup>rd</sup> International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, B&H, October 19-21.
- March 2017                2<sup>nd</sup> Conference on Medical and Biological Engineering in Bosnia and Herzegovina, Sarajevo, March 16-18.
- October 2016              2<sup>nd</sup> International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, B&H, October 21-23.
- September 2015           26<sup>th</sup> International Scientific-Expert Conference of Agriculture and Food Industry. Bosnia and Herzegovina, Sarajevo, September 27-30.
- March 2015                1<sup>st</sup> Conference on Medical and Biological Engineering in Bosnia and Herzegovina, Sarajevo, March 13-15.
- October 2014              1<sup>st</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH, October 10-12.
- November 2006            Second Bosnia and Herzegovina Congress of Neurology, November 9-12, Mostar, Bosnia and Herzegovina.
- May 2006                  First Bosnia and Herzegovinias Congress on Pharmacy, May 4-6, Sarajevo, Bosnia and Herzegovina.
- April 2005                XIX Croatian Meeting of Chemists and Chemical Engineers, April 24–27, Opatija, Croatia.

### **Participation in international conferences**

- April 2013                1<sup>st</sup> Mediterranean Symposium on Medicinal and Aromatic Plants, Gazimagosa, Turkish Republic of Northern Cyprus, April 17-20.
- September 2007           15<sup>th</sup> Meeting of Balkan Clinical Laboratory Federation, September 4-7, Antalya, Turkey.
- June 2007                39<sup>th</sup> Danube Congress, June 2-5, Wuerzburg, Germany.
- June 2006                31. FEBS Congress: Molecules in Health and Diseases, June 24-29, Istanbul, Turkey.
- June 2005                16<sup>th</sup> Congress on Parkinson's Disease and Related Disorders, June 5-9, Berlin, Germany.

**Memberships**

- Association of Biochemists and Molecular Biologists of Bosnia and Herzegovina
- Society of Chemists and Technologists of Sarajevo Canton.

**Reviews**

- „Springer Nature“, 2<sup>nd</sup> Conference on Medical and Biological Engineering in Bosnia and Herzegovina, Sarajevo, 2017, March 16-18:  
“Beauty of fine dots-detection and treatment of Alzheimer's disease using quantum dots”. Abstracts book, p. 82.  
„Towards green nanotechnology: maximizing benefits and minimizing harm.” Abstracts book, p. 82-83.
- „Bulletin of the Chemists and Technologists of Bosnia and Herzegovina“: 22 peer-reviewed abstracts for the 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation (2<sup>nd</sup> ICCCEB&H) Sarajevo, 2016, October 21-23;
- „Works of the Faculty of Agriculture and Food University of Sarajevo“ No. 66/2 (for the year 2016): Detection of pigments in the genetic resources of Slovenian leafy vegetables.
- «Works», Publisher: University of Sarajevo-Faculty for Forestry; „Phenolic content and antioxidant activity of *Crataegus monogyna* L. Fruit extracts“.
- „Bulletin of the Chemists and Technologists of Bosnia and Herzegovina“: 23 reviewed of the Abstracts for the 1<sup>st</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation (1<sup>st</sup> CCCEB&H) Sarajevo, 2014, October 10-12;
- «Works», Publisher: University of Sarajevo-Faculty for Forestry (UDK 577.164.2:582.711.714; 535.234:577.164.2) ”Determination of vitamin C in the flowers of some Bosnian species of the genus *Crataegus* L.”
- «Works», Publisher: University of Sarajevo-Faculty for Forestry ; „Determination of vitamin C in some Bosnian *Crataegus* L. species by spectrophotometric method”.

**Reviews of university books**

1. „Osnovi biohemije“, Dr. Zilha Ašimović, University of Sarajevo-Faculty of Agriculture and Food, 2017.
2. „Uvod u metaboličku biohemiju“ (selected topics) Dr. Zilha Ašimović University-Faculty of Agriculture and Food, 2017.
3. “Praktikum iz biohemije za studente veterinarske medicine” Dr. Atifa Ajanović and Dr. Dunja Rukavina, University of Sarajevo-Faculty of Veterinarien, 2015.

<b>Mentorships</b>	<p><b>Doctoral dissertation</b> Panjeta Mirsad (2017): „Immunochemical quantification of erythropoietin in serum of renal patients and its mathematical-statistical correlations to hematologic parameters.</p> <p><b>Master and diploma theses</b> Total 27 completed master theses and 37 completed diploma theses.</p>
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<b>BIBLIOGRAPHY</b>	
<b>Scientific papers in journals</b>	
	<b>Papers indexed in Web of Science Core Collection: <i>Current Contents Connect, Science Citation Index Expanded, Emerging Sources Citation Index</i></b>
1.	Dedić, A., Džudžević-Čančar, H., Alispahić, A., <b>Tahirović, I.</b> , Muratović, E. (2021). In-vitro antioxidant and antimicrobial activity of aerial parts of <i>Prunus spinosa</i> L. growing wild in Bosnia and Herzegovina. <i>International Journal of Pharmaceutical Sciences and Research</i> , 12(7): 3643-53. DOI: 10.13040/IJPSR.0975-8232.12(7).3643-53
2.	Salihovic, M., Pazalja, M., Huremovic, M., Ajanovic, A., <b>Tahirović, I.</b> (2021) Chemical ingredients of fresh and dry wild mushrooms from Bosnia and Herzegovina. <i>Asian J Pharmaceut Res Health Care</i> , 13(2): 1-9. DOI: 10.18311/ajprhc/2021/27646
3.	<b>Tahirović, I.</b> , Mahovac, E. Dizdar, M., Toromanović, J., Mahmutović, O., Lepara, Z., Ajanović, A. (2018) Hemoglobin HbA <sub>1c</sub> and glucose blood levels of diabetic patients. <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i> , 50: 13-18. ISSN: 2232-7266
4.	Panjeta, M., <b>Tahirović, I.</b> , Sofić, E., Čorić, J., Dervišević, A. (2017) Interpretation of erythropoietin and haemoglobin levels in patients with various stages of chronic kidney disease. <i>J Med Biochem</i> 36: 1-9. DOI: 10.1515/jomb-2017-0014
5.	Sofic, E., Salkovic-Petrisic, M., <b>Tahirovic, I.</b> , Sapcanin, A., Mandel, S., Youdim, M., Riederer, P. (2015) Brain catalase in the streptozotocin-rat model of sporadic Alzheimer's disease treated with the iron-chelator-monoamine oxidase inhibitor, M30. <i>J Neural Transm</i> , 122(4): 559-564. DOI 10.1007/s00702-014-1307-y
6.	Ajanović, A., Sofić, E., <b>Tahirović, I.</b> , Šapčanin, A., Uzunović, A., Krehić, J., Gojak, R., Dizdar, M. (2015) Changes in lecithin concentrations in human blood with aging. <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i> , 44: 59-64. ISSN: 2232-7266
7.	Mahmutovic, O., <b>Tahirovic, I.</b> , Copra, A., Memic, M., Ibragic, S., Karic, L. (2014) Correlation of total secondary sulfur compounds, total phenols and antioxidant capacity in the ramsons and garlic. <i>British Journal of Pharmaceutical Research</i> 4(23): 2662-2669. DOI: 10.9734/BJPR/2014/13977
8.	<b>Tahirović, I.</b> , Kožljak, M., Toromanović, J., Čopra-Janićjević, A., Klepo, L., Topčagić, A., Demirović, H. (2014) Total phenolic content and antioxidant capacity in infusions of various herbal teas. <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i> , 42: 51-55. ISSN: 2232-7266
9.	Ibragić, S., Salihović, M., <b>Tahirović, I.</b> , Toromanović, J. (2014) Quantification of some phenolic acids in the leaves of <i>Melissa officinalis</i> L. from Turkey and Bosnia. <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i> , 42: 47-50. ISSN: 2232-7266
10.	Ibragic, S., Sofic, E., Suljic, E., Avdagic, N., Bajraktarevic, A., <b>Tahirovic, I.</b> (2012) Serum nitric oxide concentrations in patients with multiple sclerosis and patients with epilepsy. <i>J Neural Transm</i> , 119: 7-11; DOI: 10.1007/s00702-011-0686-6.
11.	Keskin-Šašić, I., <b>Tahirović, I.</b> , Topčagić, A., Klepo, L., Salihović, M., Ibragić, S., Toromanović, J., Ajanović, A., Velispahić, E. (2012) Total phenolic content and antioxidant capacity of fruit juices. <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i> , 39: 25-28. ISSN: 2232-7266
12.	Kapur, A., Hasković, A., Čopra-Janićjević, A., Klepo, L., Topčagić, A., <b>Tahirovic I.</b> , Sofić E. (2012) Spectrophotometric analysis of total ascorbic acid content in various fruits and vegetables. <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i> , 38: 39-42. ISSN: 2232-7266
13.	Lepara, O., Avdagic, N., Valjevac, A., Zadiragic, A., Hadzovic-Dzuvo, A., Lepara, Dz., <b>Tahirovic, I.</b> , Sofic, E. (2010) Serum nitric oxide levels in patients with probable Alzheimer's disease and vascular dementia. <i>Turk J Biochem</i> , 35(4): 287-292. ISSN: 1303-829X

14.	Tahirovic, I., Salihovic, M., Toromanovic, J., Dilberovic, B., Topcagic, A., Selman, S., Kalcher, K., Sofic, E. (2010) Determination of chlorogenic acid in some fruits using high performance liquid chromatography with electrochemical detection. 6 <sup>th</sup> Conference on Medicinal and Aromatic Plants of Southeast European Countries (CMAPSEEC), Antalya, Turkey, April 18-22, <i>Pharmacognosy magazine</i> , Proceedings: 551-559. <a href="#">ISSN: 0973-1296</a>
15.	Salihovic, M., Toromanovic, J., Tahirovic, I., Dilberovic, B., Klepo, L., Selman, S., Kalcher, K., Sofic, E. (2010) Determination of arbutin in some fruits using high performance liquid chromatography with electrochemical detection. 6 <sup>th</sup> CMAPSEEC, Antalya, Turkey, April 18-22, <i>Pharmacognosy magazine</i> , Proceedings: 821-828. <a href="#">ISSN: 0973-1296</a>
16.	Krvavac, J., Salihovic, M., Selman, S., Klepo, L., Tahirovic, I., Sofic, E. (2010) Determination of arbutin in extracts of <i>Arctostaphylos uva ursi</i> L., <i>Vaccinium vitis-idaea</i> L. and <i>Vaccinium macrocarpon</i> ait. using high pressure liquid chromatography with electrochemical detection. 6 <sup>th</sup> CMAPSEEC, Antalya, Turkey, April 18-22, <i>Pharmacognosy magazine</i> , Proceedings: 574-582. <a href="#">ISSN: 0973-1296</a>
17.	Karacic, D., Muradic, S., Dragosevic, G., Tahirovic, I., Salihovic, M., Sofic, E. (2010) Comparison of content of alliin, diallyl disulfide, reduced glutathione and l-cysteine in leaves and bulbs of garlic and ramson. 6 <sup>th</sup> CMAPSEEC, Antalya, Turkey, April 18-22, <i>Pharmacognosy magazine</i> , Proceedings: 266-276. <a href="#">ISSN: 0973-1296</a>
18.	Karacic, D., Muradic, S., Dragosevic, G., Tahirovic, I., Salihovic, M., Sofic, E. (2010) Utilisation of HPLC with electrochemical, fluorescence and UV detectors for analysis of sulphur compounds in garlic, and wild garlic. 6 <sup>th</sup> CMAPSEEC, Antalya, Turkey, April 18-22, <i>Pharmacognosy magazine</i> , Proceedings: 277-289. <a href="#">ISSN: 0973-1296</a>
19.	Toromanovic, J., Tahirovic, I., Huseinovic, S., Muradic, S., Kalcher, K., Salihovic, M., Sofic, E. (2010) Total content of phenols in some fruits using different extracting solvents. 6 <sup>th</sup> CMAPSEEC, Antalya, Turkey, April 18-22, <i>Pharmacognosy magazine</i> , Proceedings: 567-573. <a href="#">ISSN: 0973-1296</a>
20.	Sofic, E., Vranic, E., Salihovic, M., Cavar, S., Tahirovic, I., Kroyer, G. (2010) Determination of rutin in various medicinal plants from Bosnia. 6 <sup>th</sup> CMAPSEEC, Antalya, Turkey, April 18-22, <i>Pharmacognosy magazine</i> , Proceedings: 393-403. <a href="#">ISSN: 0973-1296</a>
21.	Ljubijankić, N., Popović-Javorić, R., Ščeta, S., Šapčanin, A., Tahirović, I., Sofić, E. (2008) Daily fluctuation of cortisol in the saliva and serum of healthy persons. <i>Bosn J Basic Med Sci</i> , 8(2): 110-115. <a href="#">ISSN: 1840-4812</a>
22.	Sapcanin, A., Sofic, E., Tahirovic, I., Salkovic-Petrisic, M., Hoyer, S., Riederer, P. (2008) Antioxidant capacity in the rat brain after ICV treatment with streptozotocin and alloxan – a preliminary study. <i>Neurotoxicity Res</i> 13(2): 97-104. <a href="#">ISSN: 1476-3524</a>
23.	Toromanovic, J., Kovač-Bešović, E., Šapčanin, A., Tahirovic, I., Rimpapa, Z., Kroyer, G., Sofic, E. (2008) Urinary hippuric acid after ingestion of edible fruits. <i>Bosn J Basic Med Sci</i> , 8(1): 38-43. <a href="#">ISSN: 1840-4812</a>
24.	Sapcanin, A., Sofić, E., Tahirović, I., Gavrankapetanović, I., Kalcher, K. (2007) Antioxidant capacity in the lipophilic fraction of Alzheimer's brain tissues. <i>Bosn J Basic Med Sci</i> 7(4): 317-321. <a href="#">ISSN: 1840-4812</a>
25.	Tahirovic, I., Sofic, E., Sapcanin, A., Gavrankapetanovic, I., Bach-Rojecky, L., Salkovic-Petrisic, M., Lackovic, Z., Hoyer, S., Riederer, P. (2007) Reduced antioxidant capacity in rat models of betacytotoxic-induced experimental sporadic Alzheimer's disease and diabetes mellitus. <i>Neurochem Res</i> 32(10): 1709-1717. <a href="#">DOI 10.1007/s11064-007-9410-1</a>
26.	Rimpapa, Z., Toromanovic, J., Tahirovic, I., Sapcanin, A., Sofic, E. (2007) Total content of phenols and anthocyanins in edible fruits. <i>Bosn J Basic Med Sci</i> , 7(2): 117-120. <a href="#">ISSN: 1840-4812</a>
27.	Rimpapa, Z., Sofic, E., Sapcanin, A., Toromanovic, J., Tahirovic, I. (2007) Inhibition of neutral red photolysis with different antioxidants. <i>Bosn J Basic Med Sci</i> 7(1): 55-57. <a href="#">ISSN: 1840-4812</a>
28.	Tahirovic, I., Sofic, E., Sapcanin, A., Gavrankapetanovic, I., Bach-Rojecky, L., Salkovic-Petrisic, M., Lackovic, Z., Hoyer, S., Riederer, P. (2007) Brain antioxidant capacity in rat models of betacytotoxic-induced experimental sporadic Alzheimer's disease and diabetes mellitus. <i>J Neural Transm</i> (Suppl 72): 235-240. <a href="#">DOI: 10.1007/978-3-211-73574-9_29</a>
29.	Sofic, E., Sapcanin, A., Tahirovic, I., Gavrankapetanovic, I., Jellinger, K., Reynolds, G.P., Riederer, P. (2006) Antioxidant capacity in the post-mortem brain tissues of Parkinson's and Alzheimer's diseases. <i>J Neural Transm</i> (Suppl 71): 39-43. <a href="#">DOI: 10.1007/978-3-211-33328-0_5</a>
30.	Sofic, E., Rimpapa, Z., Kundurovic, Z., Sapcanin, A., Tahirovic, I., Rustembegovic, A., Cao, G. (2005) Antioxidant capacity of the neurohormone melatonin. <i>J Neural Transm</i> , 112(3): 349-358. <a href="#">DOI 10.1007/s00702-004-0270-4</a>
	<b>Papers indexed in other databases - SCOPUS, EBSCO, CAB, CAS</b>

31.	Dedić, A., Džudžević-Čančar, H., Alispahić, A., <b>Tahirović, I.</b> , Muratović, E. (2021) <i>In vitro</i> and antimicrobial activity of aerial parts of <i>Prunus spinosa</i> L. growing wild in Bosnia and Herzegovina. <i>International Journal of Pharmaceutical Sciences and Research</i> , 12(7): 1000-1011. DOI: <a href="https://doi.org/10.13040/IJPSR.0975-8232.12(7).1000-11">10.13040/IJPSR.0975-8232.12(7).1000-11</a>
32.	Etminan, A., Uzunović, A., Topčagić, A., Žero, S., Dizdar, M., Klepo, L., Čulum, D., Džudžević-Čančar, H., <b>Tahirović, I.</b> (2019) Quantification of active substances in some drugs using by derivative UV/Vis spectroscopy. Springer Nature Switzerland AG 2020, A. Badnjevic et al. (eds.), IFMBE Proceedings 73: 553-557. DOI: <a href="https://doi.org/10.1007/978-3-030-17971-7_83">10.1007/978-3-030-17971-7_83</a>
33.	<b>Tahirović, I.</b> , Radić, M., Klepo, L., Karić, L., Džudžević-Čančar, H., Toromanović, J., Ajanović, A., Uzunović, A. (2019) Determination of α-solanine content in two varieties of potatoes by the densitometric method. <i>Technologica Acta</i> , 12(2): 35-39. DOI: <a href="https://doi.org/10.5281/zenodo.3643814">10.5281/zenodo.3643814</a>
34.	Džudžević-Čančar, H., Dedić, A., Alispahić, A., Muratović, S., <b>Tahirović, I.</b> (2018) Chromatographic and spectroscopic characterisation of lycopene extracted from fresh and thermally processed tomato fruit. <i>RJPBCS</i> 9(6): 1094-1102. ISSN: <a href="https://doi.org/10.975-8585">0975-8585</a>
35.	<b>Tahirović, I.</b> , Helbet, Dž., Gaštan, A., Buza, N., Dizdar, M., Topčagić, A., Toromanović, J., Čopra-Janićijević, A., Kurtagić, H. (2017) Hydrophilic antioxidant scores against hydroxyl and peroxyl radicals in honey samples from Bosnia and Herzegovina. IFMBE Proceedings, Springer Nature, Singapore Pte Ltd., A. Badnjevic (ed.), 62: 429-434; DOI: <a href="https://doi.org/10.1007/978-981-10-4166-2_66">10.1007/978-981-10-4166-2_66</a>
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