

KATEDRA ZA PRIRODNO-MATEMATIČKE PREDMETE U FARMACIJI	
2016	
Objavljeni radovi	
1.	Pehlić E, Šapčanin A, Jukić H, Đaferović A, Dedić S, Ljubijankić N, Toromanović M, Salkić K. (2016) Concentrations of toxic and essential heavy metals in drinking water in the area of eight municipalities of the Una-Sana Canton. In: Proceedings of the XI Conference of chemists, technologists and environmentalists of the Republic of Srpska, pp 582-587.
2.	Pehlić E, Šapčanin A, Jukić H, Đaferović A, Dedić S, Redžić S, Salkić K. (2016) Sadržaj teških metala Pb, Cd, Cu i Zn u orašastim plodovima i sjemenkama. In: Proceedings of the 9th International Scientific and Professional Conference With food to health, Osijek, Croatia, pp 100-106.
3.	Salihovic M, Sapcanin A, Spiritovic-Halilovic S, Završnik D (2016) DFT structural analysis of chamazulene. Glasnik hemičara i tehnologa Bosne i Hercegovine, 46: 27-32. (Chemical Abstracts, CAS®, EBSCO)
4.	Sapcanin A, Cakal M, Imamovic B, Salihovic M, Pehlic E, Jacimovic Z, Jancan G. (2016) Herbicide and pesticide occurrence in soils of children playgrounds in Sarajevo, Bosnia and Herzegovina. Environmental Monitoring and Assessment 188 (8): 450-456. (Current Contents Connect®)
5.	Sapcanin A, Sofic E (2016) Calcium analysis in bones during aging process. Glasnik hemičara i tehnologa Bosne i Hercegovine, 47: 7-10. (Chemical Abstracts, CAS®, EBSCO)
6.	Šapčanin A, Čakal M, Ramić E, Smajović A, Pehlić E (2016) Heavy metals pollution in children playgrounds -an environmental modelling and statistical analysis. Glasnik hemičara i tehnologa Bosne i Hercegovine, 47: 21-26. (Chemical Abstracts, CAS®, EBSCO)
7.	Šapčanin A (2016) Editorial. Glasnik hemičara i tehnologa Bosne i Hercegovine, 47
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2.	Pehlić E, Šapčanin A, Jukić H, Đaferović A, Dedić S, Redžić S, Salkić K. Sadržaj teških metala Pb, Cd, Cu i Zn u orašastim plodovima, koštuničavom voću i sjemenkama. 9. Međunarodni znanstveno-stručni skup „Hranom do zdravlja“, Osijek, Hrvatska, 13. oktobar 2016
3.	Pehlić E, Šapčanin A, Đaferović A, Dedić S, Jablan J, Nuhanović M, Jukić H. Sadržaj teških metala u mladim plodovima voća i soku iz stabljike crnog grožđa. 5.juni – svjetski dan zaštite okoliša. Bihac, BiH, 1-2. Juni 2016
4.	Pehlić E, Šapčanin A, Đaferović A, Dedić S, Srabović M, Huremović M, Dervišević Š, Salkić K. Koncentracije teških metala olova, kobalta, cinka i željeza u flaširanim vodama za piće, a koje se nalaze u marketima u Unsko-sanskom kantonu. 5.juni – svjetski dan

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6.	Sapcanin A , Pehlic E, Smajovic A, Salihovic M, Imamovic B: Heavy metals occurrence in soils of playgrounds in Sarajevo city, Bosnia and Herzegovina. XI Conference of chemists, technologists and environmentalists of the Republic of Srpska. Teslic, BiH, 18-19th November, 2016
7.	Sapcanin A , Pehlic E, Smajovic A, Imamovic B, Salihovic M: Health risk assessment for soils of playgrounds in Sarajevo city, Bosnia and Herzegovina. XI Conference of chemists, technologists and environmentalists of the Republic of Srpska. Teslic, BiH, 18-19th November, 2016
8.	Sapcanin A , Salihovic M, Pehlic E. TLC and HPTLC determination of amino acid content in wild and grown mushrooms from Bosnia. XI Conference of chemists, technologists and environmentalists of the Republic of Srpska. Teslic, BiH, 18-19th November, 2016
9.	Sapcanin A , Sahic A, Salihovic M, Pehlic E. Free radicals, metals and antioxidants in oxidative stress. XI Conference of chemists, technologists and environmentalists of the Republic of Srpska. Teslic, BiH, 18-19th November, 2016
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11.	Šapčanin A , Čakal M, Pehlić E, Salihović M. Qualitative and quantitative determination of different pesticides in playground soils of Sarajevo. XI meeting of young chemical engineers. Zagreb, Hrvatska, 18-19. February, 2016
12.	Šapčanin A , Pehlić E. Identifikacija i kvantifikacija teških metala u zemljištu dječijih igrališta u Sarajevu. 5.juni – svjetski dan zaštite okoliša. Bihac, BiH, 1-2. Juni 2016
13.	Šapčanin A , Pehlić E. Procjena kontaminacije tla dječijih igrališta teškim metalima. 5.juni – svjetski dan zaštite okoliša. Bihac, BiH, 1-2. Juni 2016
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15.	Šapčanin A , Ramić E, Smajović A, Pehlić E, Jaćimović Ž, Jančan G. Modelling of heavy metals in the soils of children playgrounds. 2 nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Sarajevo, BiH, 21st-23rd October, 2016
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2.	Ajanovic A, Sofic E, Tahirovic I, Šapčanin A, Uzunovic A, Krehic J, Gojak R, Dizdar M. (2015) Changes in lecithin concentrations in human blood with aging. <i>Glasnik hemičara i tehnologa Bosne i Hercegovine</i> , 44 : 59-64. (<i>Chemical Abstracts, CAS®, EBSCO</i>)
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4.	Salihović M, Šapčanin A (2015) Theoretical and Experimental UV-Vis Spectroscopic Analysis Of Chamazulene. In: Proceedings of the 1st Conference on Medical and Biological Engineering in Bosnia and Herzegovina, Sarajevo, BiH, pp 123-126
5.	Sofic E, Salkovic-Petrisic M, Tahirovic I, Šapčanin A, Mandel S, Youdim M, Riederer P. (2015) Article Brain catalase in the streptozotocin-rat model of sporadic Alzheimer's disease treated with the iron chelator-monoamine oxidase inhibitor, M30. <i>J Neural Transmission</i> . 122 (4): 559-564. (<i>Current Contents Connect®</i>)
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	Alispahić A, Šapčanin A, Ramić E, Dedić A, Salihović M, Pazalja M. Qualitative and quantitative analysis of free amino acids in mushrooms. 24. Hrvatski skup kemičara i kemijskih inženjera. Zagreb, Hrvatska, 21-24. April, 2015
1.	Čakal M, Šapčanin A, Jaćimović Ž, Pehlić E, Jančan G. Sadržaj teških metala u tlu javnih dječijih parkova Sarajeva. 24. Hrvatski skup kemičara i kemijskih inženjera. Zagreb, Hrvatska, 21-24. April, 2015
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	Jadrić R, Mehmedbašić A, Hasić S, Šapčanin A, Ćorić J, Kiseljaković E, Alić L (2015) Povezanost mokraćne kiseline i bilirubina seruma sa markerima rizika razvoja kardiovaskularnih bolesti u zdravih ispitanika. <i>J Med Biochem.</i> , 34(1): 80. (<i>Web of Science® -SCI Expanded</i>)
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1.	Salihović M., Šapčanin A. , Pazalja M., Alispahić A., Dedić A., Ramić E. (2014) Determination of Caffeine in Different Commercially Available Green and Black Teas. <i>Glasnik hemičara i tehnologa Bosne i Hercegovine</i> , 43 : 1-4. (<i>Chemical Abstracts, CAS®, EBSCO</i>)
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2.	Džudžević-Čančar H, Sofić E, Suljić E, Šapčanin A , Tahirović I, Wichart I, Riederer P. Biomarkers for Alzheimer's Disease, amyloid beta peptide (1-42) and total tau protein, highly increased in CSF of patients with hydrocephalus-postoperation status. Kongres Hemičara i Tehnologa Bosne i Hercegovine sa međunarodnim učešćem. Sarajevo, BiH, 10-12 Oktobar, 2014
3.	Jadrić R, Mehmedbašić A, Hasić S, Šapčanin A, Čorić J, Kiseljaković E, Alić L: Association of serum uric acid and bilirubin with risk markers for cardiovascular disease in healthy subjects. XIX Kongres medicinske biohemije i laboratorijske medicine sa međunarodnim učešćem, Beograd, Srbija, 9-13 Septembar 2014
4.	Pazalja M, Šapčanin A , Alispahić A, Salihović M, Ramić E, Dedić A. Total sulphur content in different plant samples determined by High Performance Ion Chromatography (HPIC) method. Kongres Hemičara i Tehnologa Bosne i Hercegovine sa međunarodnim učešćem. Sarajevo, BiH, 10-12 Oktobar, 2014
5.	Salihović M, Šapčanin A , Pazalja M, Alispahić A, Dedić A, Ramić E. Determination of caffeine in green and black teas. Kongres Hemičara i Tehnologa Bosne i Hercegovine sa međunarodnim učešćem. Sarajevo, BiH, 10-12 Oktobar, 2014
6.	Sofic E, Sapcanin A , Tahirovic I, Youdim M, Riederer P (2014) Brain Catalase and Superoxide Dismutase in the Streptozotocin- Rat Model of Sporadic Alzheimer's Disease treated with the Iron-Chelator M 30. <i>Clinical Chemistry and Laboratory Medicine</i> , 52 (7): S 1354. (<i>Web of Science® -SCI Expanded</i>)
7.	Šapčanin A , Alispahić A, Salihović M, Pazalja M, Ramić E, Dedić A. Antioxidant status of various mushrooms commercially available from Bosnian market. Kongres Hemičara i Tehnologa Bosne i Hercegovine sa međunarodnim učešćem. Sarajevo, BiH, 10-12 Oktobar, 2014
8.	Uzunovic A, Pilipovic S, Sapcanin A , Elezovic A (2014) Assesment of permeation of pyrazinamide tablets by <i>in vitro</i> passive absorption model. <i>Eur. J. Pharm. Sci.</i> , 50 : Suppl. 1. S128-S129. (<i>Web of Science® -SCI Expanded</i>)
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2.	Imamović A, Mandal Š, Šapčanin A , Pazalja M (2014) <i>Praktikum Anorganske hemije za studente Farmaceutskog fakulteta</i> , ISBN 978-9958-9204-3-1