

Табела 6.4 Списак СЦИ/ССЦИ-индексираних радова по годинама за претходни трогодишњи период. (Навести референце са редним бројем)

Пошто се ССЦИ-индексирани радови не вреднују наставницима и сарадницима Хемисјког факултета за избор у звања по Правилнику о минималним критеријумима за избор у звања наставника и сарадника на ХФ УБ-ХФ не располаже листом ових резултата наставника и сарадника факултета.

2015. Радови са SCI liste: радови у врхунским међународним научним часописима категорије M21, у водећим међународним научним часописима категорије M22 и у међународним научним часописима категорије M23.

1.	Stanojević, M., Trifković, J., Akšić, M.F., Rakonjac, V., Nikolić, D., Šegan, S., Milojković-Opsenica, D. Sugar Profile of Kernels as a Marker of Origin and Ripening Time of Peach (<i>Prunus persicae</i> L.) (2015) <i>Plant Foods for Human Nutrition</i> , 70 (4), pp. 433-440. (M21 1.976)	M21
2.	Vuković, G., Urošević, M.A., Pergal, M., Janković, M., Goryainova, Z., Tomašević, M., Popović, A. Residential heating contribution to level of air pollutants (PAHs, major, trace, and rare earth elements): a moss bag case study (2015) <i>Environmental Science and Pollution Research</i> , 22 (23), pp. 18956-18966. (M21 2.828)	M21
3.	Gašić, U.M., Natić, M.M., Mišić, D.M., Lušić, D.V., Milojković-Opsenica, D.M., Tešić, T.L., Lušić, D. Chemical markers for the authentication of unifloral <i>Salvia officinalis</i> L. honey (2015) <i>Journal of Food Composition and Analysis</i> , 44, pp. 128-138. (M21 1.985)	M21
4.	Čobeljić, B., Milenković, M., Pevec, A., Turel, I., Vujčić, M., Janović, B., Gligorijević, N., Sladić, D., Radulović, S., Jovanović, K., Anđelković, K. Investigation of antitumor potential of Ni(II) complexes with tridentate PNO acylhydrazones of 2-(diphenylphosphino)benzaldehyde and monodentate pseudohalides (2015) <i>Journal of Biological Inorganic Chemistry</i> , DOI: 10.1007/s00775-015-1315-x (M21 2.538)	M21
5.	Šokarda Slavić, M., Pešić, M., Vujčić, Z., Božić, N. Overcoming hydrolysis of raw corn starch under industrial conditions with <i>Bacillus licheniformis</i> ATCC 9945a α -amylase (2015) <i>Applied Microbiology and Biotechnology</i> , DOI: 10.1007/s00253-015-7101-4 (M21 3.337)	M21
6.	Marković, M.D., Dojčinović, B.P., Obradović, B.M., Nešić, J., Natić, M.M., Tosti, T.B., Kuraica, M.M., Manojlović, D.D. Degradation and detoxification of the 4-chlorophenol by non-thermal plasma-influence of homogeneous catalysts (2015) <i>Separation and Purification Technology</i> , 154, pp. 246-254. (M21 3.091)	M21
7.	Vilipić, J., Novaković, I., Stanojković, T., Matic, I., Šegan, D., Kljajić, Z., Sladić, D. Synthesis and biological activity of amino acid derivatives of avarone and its model compound (2015) <i>Bioorganic and Medicinal Chemistry</i> , 23 (21), pp. 6930-6942. (M21 2.793)	M21

8.	Andrić, F., Héberger, K. Towards better understanding of lipophilicity: Assessment of in silico and chromatographic logP measures for pharmaceutically important compounds by nonparametric rankings (2015) <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 115, pp. 183-191. (M21 2.979)	M21
9.	Lončar, N., Slavić, M.Š., Vujčić, Z., Božić, N. Mixed-mode resins: Taking shortcut in downstream processing of raw-starch digesting α -amylases (2015) <i>Scientific Reports</i> , 5, art. no. 15772. (M21 5.578)	M21
10.	Aleksić, J., Stojanović, M., Baranac-Stojanović, M. Origin of Fluorine/Sulfur Gauche Effect of β -Fluorinated Thiol, Sulfoxide, Sulfone, and Thionium Ion (2015) <i>Journal of Organic Chemistry</i> , 80 (20), pp. 10197-10207. (M21 4.721)	M21
11.	Mihailović, V., Mišić, D., Matić, S., Mihailović, M., Stanić, S., Vrvic, M.M., Katanić, J., Mladenović, M., Stanković, N., Boroja, T., Stanković, M.S. Comparative phytochemical analysis of <i>Gentiana cruciata</i> L. roots and aerial parts, and their biological activities (2015) <i>Industrial Crops and Products</i> , 73, pp. 49-62. (M21 2.837)	M21
12.	Radivojevic, J., Skaro, S., Senerovic, L., Vasiljevic, B., Guzik, M., Kenny, S.T., Maslak, V., Nikodinovic-Runic, J., O'Connor, K.E. Polyhydroxyalkanoate-based 3-hydroxyoctanoic acid and its derivatives as a platform of bioactive compounds (2015) <i>Applied Microbiology and Biotechnology</i> , DOI: 10.1007/s00253-015-6984-4 (M21 3.337)	M21
13.	Narayanan, K., Miyagawa, H., Kitano, R., Nakagawa, K., Hirooka, M., Hashimoto, S., Beskoski, V.P., Hamida, H.H.A., Jahromi, F.A., Phang, I., Aris, A.Z., Li, D., Nakano, T. Greener approaches to the measurement of polyaromatic hydrocarbons (PAHs) in unused and used crankcase motor oils from Malaysia (2015) <i>Environmental Science and Pollution Research</i> , DOI: 10.1007/s11356-015-5403-9 (M21 2.828)	M21
14.	Sakan, S., Popović, A., Anđelković, I., Đorđević, D. Aquatic sediments pollution estimate using the metal fractionation, secondary phase enrichment factor calculation, and used statistical methods (2015) <i>Environmental Geochemistry and Health</i> , 13 p. DOI: 10.1007/s10653-015-9766-0 (M21 2.566)	M21
15.	Đorđević, D., Buha, J., Stortini, A.M., Mihajlidi-Zelić, A., Relić, D., Barbante, C., Gambaro, A. Mass distributions and morphological and chemical characterization of urban aerosols in the continental Balkan area (Belgrade) (2015) <i>Environmental Science and Pollution Research</i> , 9 p. DOI: 10.1007/s11356-015-5271-3 (M21 2.828)	M21
16.	Ninkov, M., Popov Aleksandrov, A., Demenesku, J., Mirkov, I., Mileusnic, D., Petrovic, A., Grigorov, I., Zolotarevski, L., Tolinacki, M., Kataranovski, D., Brceski, I., Kataranovski, M. Toxicity of oral cadmium intake: Impact on gut immunity (2015) <i>Toxicology Letters</i> , 237 (2), pp. 89-99. (M21 3.262)	M21
17.	Fotirić Akšić, M.M., Dabić, D.Č., Gašić, U.M., Zec, G.N., Vulić, T.B., Tešić, Ž.Lj., Natić, M.M. Polyphenolic Profile of Pear Leaves with Different	M21

	Resistance to Pear Psylla (<i>Cacopsylla pyri</i>) (2015) <i>Journal of Agricultural and Food Chemistry</i> , 63 (34), pp. 7476-7486. (M21 2.912)	
18.	Stojanović, M., Baranac-Stojanović, M. A theoretical study on borenium ion affinities toward ammonia, formaldehyde and chloride anions (2015) <i>RSC Advances</i> , 5 (93), pp. 75895-75910. (M21 3.840)	M21
19.	Andjelkovic, I., Jovic, B., Jovic, M., Markovic, M., Stankovic, D., Manojlovic, D., Roglic, G. Microwave-hydrothermal method for the synthesis of composite materials for removal of arsenic from water (2015) <i>Environmental Science and Pollution Research</i> , 8 p. DOI: 10.1007/s11356-015-5283-z. (M21 2.828)	M21
20.	Blagojević, J.P., Zarić, S.D. Stacking interactions of hydrogen-bridged rings-stronger than the stacking of benzene molecules (2015) <i>Chemical Communications</i> , 51 (65), pp. 12989-12991. (M21 6.834)	M21
21.	Todorovic, T., Grubišić, S., Pregelj, M., Jagodič, M., Misirlic-Denčić, S., Dulovic, M., Markovic, I., Klisuric, O., Malešević, A., Mitić, D., And Strok Signelkovic, K., Filipovic, N. Structural, Magnetic, DFT, and Biological Studies of Mononuclear and Dinuclear CuII Complexes with Bidentate N-Heteroaromatic Schiff Base Ligands (2015) <i>European Journal of Inorganic Chemistry</i> , 2015 (23), pp. 3921-3931. (M21 2.942)	M21
22.	Sentic, M., Arbault, S., Bouffier, L., Manojlovic, D., Kuhn, A., Sojic, N. 3D electrogenerated chemiluminescence: from surface-confined reactions to bulk emission (2015) <i>Chemical Science</i> , 6 (8), pp. 4433-4437. (M21 9.211)	M21
23.	Dorkó, Z., Verbić, T., Horvai, G. Comparison of the single channel and multichannel (multivariate) concepts of selectivity in analytical chemistry (2015) <i>Talanta</i> , 139, art. no. 15403, pp. 40-49. (M21 3.545)	M21
24.	Nikolić, S., Opsenica, D.M., Filipović, V., Dojčinović, B., Arandelović, S., Radulović, S., Grgurić-Šipka, S. Strong in Vitro Cytotoxic Potential of New Ruthenium-Cymene Complexes (2015) <i>Organometallics</i> , 34 (14), pp. 3464-3473. (M21 4.126)	M21
25.	Stankov-Jovanović, V.P., Ilić, M.D., Mitić, V.D., Mihajilov-Krstev, T.M., Simonović, S.R., Nikolić Mandić, S.D., Tabet, J.C., Cole, R.B. Secondary metabolites of <i>Seseli rigidum</i> : Chemical composition plus antioxidant, antimicrobial and cholinesterase inhibition activity (2015) <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 111, pp. 78-90. (M21 2.979)	M21
26.	Bonnin, E., Mutic, J., Nikolic, J., Burr, S., Robert, P., Crépeau, M.-J. Methylsterase behaviour is related to polysaccharide organisation in model systems mimicking cell walls (2015) <i>Carbohydrate Polymers</i> , 124, pp. 57-65. (M21 4.074)	M21
27.	Sužnjević, D.Z., Pastor, F.T., Gorjanović, S.Z. DC polarographic examination of Hg ²⁺ reduction applicability to antioxidant activity determination (2015) <i>Electrochimica Acta</i> , 168, pp. 240-245. (M21 4.504)	M21

28.	Prodanovic, O., Spasojevic, D., Prokopijevic, M., Radotic, K., Markovic, N., Blazic, M., Prodanovic, R. Tyramine modified alginates via periodate oxidation for peroxidase induced hydrogel formation and immobilization (2015) <i>Reactive and Functional Polymers</i> , 93, pp. 77-83. (M21 2.515)	M21
29.	Perusko, M., Al-Hanish, A., Velickovic, T.C., Stanic-Vucinic, D. Macromolecular crowding conditions enhance glycation and oxidation of whey proteins in ultrasound-induced Maillard reaction (2015) <i>Food Chemistry</i> , 177, pp. 248-257. (M21 3.391)	M21
30.	Vlahović, F., Perić, M., Gruden-Pavlović, M., Zlatar, M. Assessment of TD-DFT and LF-DFT for study of d - D transitions in first row transition metal hexaaqua complexes (2015) <i>Journal of Chemical Physics</i> , 142 (21), art. no. 214111 (M21 2.952)	M21
31.	Savić, T.D., Čomor, M.I., Abazović, N.D., Šaponjić, Z.V., Marinović-Cincović, M.T., Veljković, D.Ž., Zarić, S.D., Janković, I.A. Anatase nanoparticles surface modified with fused ring salicylate-type ligands (1-hydroxy-2-naphthoic acids): A combined DFT and experimental study (2015) <i>Journal of Alloys and Compounds</i> , 630, pp. 226-235. (M21 2.999)	M21
32.	Djekic-Ivankovic, M., Weiler, H.A., Nikolic, M., Kadvan, A., Gurinovic, M., Mandic, L.M., Glibetic, M. Validity of an FFQ assessing the vitamin D intake of young Serbian women living in a region without food fortification: the method of triads model (2015) <i>Public Health Nutrition</i> , 9 p. DOI: 10.1017/S136898001500138X (M21 2.679)	M21
33.	Opsenica, I.M., Verbić, T.Ž., Tot, M., Sciotti, R.J., Pybus, B.S., Djurković-Djaković, O., Slavić, K., Šolaja, B.A. Investigation into novel thiophene- and furan-based 4-amino-7-chloroquinolines afforded antimalarials that cure mice (2015) <i>Bioorganic and Medicinal Chemistry</i> , 23 (9), pp. 2176-2186. (M21 2.793)	M21
34.	Cvijetić, I.N., Tanç, M., Juranić, I.O., Verbić, T.Ž., Supuran, C.T., Drakulić, B.J. 5-Aryl-1H-pyrazole-3-carboxylic acids as selective inhibitors of human carbonic anhydrases IX and XII (2015) <i>Bioorganic and Medicinal Chemistry</i> , 23 (15), pp. 4649-4659. (M21 2.793)	M21
35.	Guimarães, M.A., de Oliveira, R.N., Vêras, L.M.C., Lima, D.F., Campelo, Y.D.M., Campos, S.A., Kuckelhaus, S.A.S., Pinto, P.L.S., Eaton, P., Mafud, A.C., Mascarenhas, Y.P., Allegratti, S.M., de Moraes, J., Lolić, A., Verbić, T., Leite, J.R.S.A. Anthelmintic Activity In Vivo of Epiisopiloturine against Juvenile and Adult Worms of <i>Schistosoma mansoni</i> (2015) <i>PLoS Neglected Tropical Diseases</i> , 9 (3), art. no. e0003656, 18 p. (M21 4.446)	M21
36.	Malenov, D.P., Ninkovic, D.B., Zaric, S.D. Stacking of metal chelates with benzene: Can dispersion-corrected DFT be used to calculate organic-inorganic stacking? (2015) <i>ChemPhysChem</i> , 16 (4), pp. 761-768. (M21 3.419)	M21
37.	Natić, M.M., Dabić, D.Č., Papetti, A., Fotirić Akšić, M.M., Ognjanov, V., Ljubojević, M., Tešić, Ž.L. Analysis and characterisation of phytochemicals in	M21

	mulberry (<i>Morus alba</i> L.) fruits grown in Vojvodina, North Serbia (2015) <i>Food Chemistry</i> , 171, pp. 128-136. (M21 3.391)	
38.	Paíga, P., Lolić, A., Hellebuyck, F., Santos, L.H.M.L., Correia, M., Delerue-Matos, C. Development of a SPE-UHPLC-MS/MS methodology for the determination of non-steroidal anti-inflammatory and analgesic pharmaceuticals in seawater (2015) <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 106, pp. 61-70. (M21 2.979)	M21
39.	Krgović, R., Trifković, J., Milojković-Opsenica, D., Manojlović, D., Marković, M., Mutić, J. Phytoextraction of metals by <i>Erigeron canadensis</i> L. from fly ash landfill of power plant "Kolubara" (2015) <i>Environmental Science and Pollution Research</i> , 10 p. DOI: 10.1007/s11356-015-4192-5. (M21 2.828)	M21
40.	Avdalović, J., Beškoski, V., Gojgić-Cvijović, G., Mattinen, M.-L., Stojanović, M., Zildžović, S., Vrvic, M.M. Microbial solubilization of phosphorus from phosphate rock by iron-oxidizing <i>Acidithiobacillus</i> sp. B2 (2015) <i>Minerals Engineering</i> , 72, pp. 17-22. (M21 1.597)	M21
41.	Lolić, A., Paíga, P., Santos, L.H.M.L., Ramos, S., Correia, M., Delerue-Matos, C. Assessment of non-steroidal anti-inflammatory and analgesic pharmaceuticals in seawaters of North of Portugal: Occurrence and environmental risk (2015) <i>Science of the Total Environment</i> , 508, pp. 240-250. (M21 4.099)	M21
42.	Marković, M., Jović, M., Stanković, D., Kovačević, V., Roglić, G., Gojgić-Cvijović, G., Manojlović, D. Application of non-thermal plasma reactor and Fenton reaction for degradation of ibuprofen (2015) <i>Science of the Total Environment</i> , 505, pp. 1148-1155. (M21 4.099)	M21
43.	Andjelković, U., Milutinović-Nikolić, A., Jović-Jovičić, N., Banković, P., Bajt, T., Mojović, Z., Vujčić, Z., Jovanović, D. Efficient stabilization of <i>Saccharomyces cerevisiae</i> external invertase by immobilisation on modified beidellite nanoclays (2015) <i>Food Chemistry</i> , 168, pp. 262-269. (M21 3.391)	M21
44.	Mitoraj, M.P., Janjić, G.V., Medaković, V.B., Veljković, D.Ž., Michalak, A., Zarić, S.D., Milčić, M.K. Nature of the water/aromatic parallel alignment interactions (2015) <i>Journal of Computational Chemistry</i> , 36 (3), pp. 171-180. (M21 3.589)	M21
45.	Pantelić, N., Stanojković, T.P., Zmejkovski, B.B., Sabo, T.J., Kaluđerović, G.N. In vitro anticancer activity of gold(III) complexes with some esters of (S,S)-ethylenediamine-N,N'-di-2-propanoic acid (2015) <i>European Journal of Medicinal Chemistry</i> , 90, pp. 766-774. (M21 3.447)	M21
46.	Pantelic, N., Stanojkovic, T.P., Zmejkovski, B.B., Sabo, T.J., Kaluđerovic, G.N. In vitro anticancer activity of gold(III) complexes with some esters of (S, S)-ethylenediamine-N, N g2-di-2-propanoic acid (2015) <i>European Journal of Medicinal Chemistry</i> , 90, pp. 766-774. (M21 3.447)	M21
47.	Perić, M., García-Fuente, A., Zlatar, M., Daul, C., Stepanović, S., García-Fernández, P., Gruden-Pavlović, M. Magnetic anisotropy in "scorpionate" first-	M21

	row transition-metal complexes: A theoretical investigation (2015) Chemistry - A European Journal, 21 (9), pp. 3716-3726. (M21 5.731)	
48.	Dorkó, Z., Verbić, T., Horvai, G. Selectivity in analytical chemistry: Two interpretations for univariate methods (2015) Talanta, 132, pp. 680-684. (M21 3.545)	M21
49.	Petković, B.B., Stanković, D., Milčić, M., Sovilj, S.P., Manojlović, D. Dinuclear copper(II) octaazamacrocyclic complex in a PVC coated GCE and graphite as a voltammetric sensor for determination of gallic acid and antioxidant capacity of wine samples (2015) Talanta, 132, pp. 513-519. (M21 3.545)	M21
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51.	Novkovic, L., Trmcic, M., Rodic, M., Bihelovic, F., Zlatar, M., Matovic, R., Saicic, R.N. Synthesis of endoperoxides by domino reactions of ketones and molecular oxygen (2015) RSC Advances, 5 (120), pp. 99577-99584. (M21 3.840)	M21
52.	Alrgei, H.O.S., Dabić, D.C., Natić, M.M., Rakonjac, V.S., Milojković-Opsenica, D., Tešić, Z.L., Fotirić Akšić, M.M. Chemical profile of major taste- and health-related compounds of Oblačinska sour cherry (2015) Journal of the Science of Food and Agriculture, DOI: 10.1002/jsfa.7212 (M21 1.714)	M21
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54.	Jović, M., Manojlović, D., Stanković, D., Gašić, U., Jeremić, D., Brčeski, I., Roglić, G. Electrochemical degradation of triketone herbicides and identification of their main degradation products (2015) Clean - Soil, Air, Water, 43 (7), pp. 1093-1099. (M21 1.945)	M21
55.	Baranac-Stojanović, M., Aleksić, J., Stojanović, M. Energy decomposition analysis of gauche preference in 2-haloethanol, 2-haloethylamine (halogen = F, Cl), their protonated forms and anti preference in 1-chloro-2-fluoroethane (2015) RSC Advances, 5 (29), pp. 22980-22995. (M21 3.840)	M21
56.	Kop, T., Bjelaković, M., Dordević, J., Žekić, A., Milić, D. Fulleropyrrolidines derived from dioxa- and trioxaalkyl-tethered diglycines (2015) RSC Advances, 5 (115), pp. 94599-94606. (M21 3.840)	M21
57.	Filipović, N.R., Bjelogrić, S., Marinković, A., Verbić, T.Ž., Cvijetić, I.N., Senčanski, M., Rodić, M., Vujčić, M., Sladić, D., Striković, Z., Todorović, T.R., Muller, C.D. Zn(II) complex with 2-quinolinecarboxaldehyde selenosemicarbazone: Synthesis, structure, interaction studies with DNA/HSA, molecular docking and caspase-8 and -9 independent apoptosis induction (2015)	M21

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61.	Sužnjević, D., Petrović, M., Pastor, F.T., Veljović, M., Zlatanović, S., Antić, M., Gorjanović, S. Reduction of Hg ²⁺ by individual phenolics and complex samples and its application in polarographic antioxidant assay (2015) Journal of the Electrochemical Society, 162 (7), pp. H428-H433. (M21 3.266)	M21
62.	Apostolovic, D., Tran, T.A.T., Sánchez-Vidaurre, S., Cirkovic Velickovic, T., Starkhammar, M., Hamsten, C., Van Hage, M. Red meat allergic patients have a selective IgE response to the α -Gal glycan (2015) Allergy: European Journal of Allergy and Clinical Immunology, 70 (11), pp. 1497-1500. (M21 6.028)	M21
63.	Breberina, L.M., Milčić, M.K., Nikolić, M.R., Stojanović, S.D. Contribution of anion- π interactions to the stability of Sm/LSm proteins (2015) Journal of Biological Inorganic Chemistry, 20 (3), art. no. 1227, pp. 475-485. (M21 2.538)	M21
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65.	Raskovic, B., Lazic, J., Polovic, N. Characterisation of general proteolytic, milk clotting and antifungal activity of <i>Ficus carica</i> latex during fruit ripening (2015) Journal of the Science of Food and Agriculture DOI: 10.1002/jsfa.7126 (M21 1.714)	M21
66.	Minic, S.L., Milcic, M., Stanic-Vucinic, D., Radibratovic, M., Sotiroudis, T.G., Nikolic, M.R., Velickovic, T.C. Phycocyanobilin, a bioactive tetrapyrrolic compound of blue-green alga <i>Spirulina</i> , binds with high affinity and competes with bilirubin for binding on human serum albumin (2015) RSC Advances, 5 (76), pp. 61787-61798. (M21 3.840)	M21
67.	Vuković, G., Urošević, M.A., Tomašević, M., Samson, R., Popović, A. Biomagnetic monitoring of urban air pollution using moss bags (<i>Sphagnum girgensohnii</i>) (2015) Ecological Indicators, 52, pp. 40-47. (M21 3.444)	M21
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