**Табела. 9.8** Компетентност ментора

|  |  |
| --- | --- |
| **Име и презиме** | [Драгана Четојевић Симин](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Cetojevic-Simin%20Dragana%20D&amp;samoar&amp;.WbDkpzWxWUk) |
| **Звање** | Научни саветник |
| **Ужа научна, уметничка односно стручна област** | Биоактивност биосинтетских једињења и ксенобиотика  |
| **Академска каријера** | Година  | Институција  | Ужа научна, уметничка односно стручна област  |
| Избор у звање | 2016 | Научни институт за прехрамбене технологије у Новом Саду, УНС | Биотехничке науке  |
| Докторат | 2009 | ПМФ, УНС | Биолошке науке |
| Магистратура | 2005 | ПМФ, УНС | Микробиолошке науке |
| Диплома | 1995 | ПМФ, УНС | Биолошке науке |
| **Списак дисертација-докторских уметничких пројеката а у којима је наставнк ментор или је био ментор у претходних 10 година** |
| Р.Б. | Наслов дисертације- докторског уметничког пројекта  | Име кандидата | \*пријављена  | \*\* одбрањена |
| 1. | АНТИТУМОРСКА И ХЕПАТОПРОТЕКТИВНА АКТИВНОСТ ЕКСТРАКАТА ЛИСТА АФРИЧКОГ ПАСУЉА ( Mucuna Pruriens Linn. ) | Јелена Десанчић | 2018. |  |
| 2. | ОДРЕЂИВАЊЕ АНТИTУМОРСКЕ И ХЕПАТОПРОТЕКТИВНЕ АКТИВНОСТИ РЕНА IN VITRO И IN VIVO | Видосава Петровић |  | 2022. |
| \*Година у којој је дисертација-докторски уметнички пројекат пријављена-пријављен (само за дисертације-докторске уметничке пројекте које су у току), \*\* Година у којој је дисертација-докторски уметнички пројекат одбрањена (само за дисертације-докторско уметничке пројекте из ранијег периода) |
| **Категоризација публикације научних радова из области датог студијског програма према класификацији ресорног Министарства просвете, науке и технолошког развоја а у складу са допунским захтевевима стандарда за дато поље**  |
| Р.б. | Публикација | ISI | M | IF |
| 1. | Blagojević B, Agić D, **Četojević-Simin D**, Lazzara G, Vranješ M, Popović B. [β-Cyclodextrin as a green booster for the extraction of polyphenols from blackthorn fruits: Bioactivity determination and molecular docking analysis](https://www.sciencedirect.com/science/article/pii/S0960308523000615). Food Bioprod Process. 2023; 140:84-98. | 43/157(2022) | 21(2022) | 4.6(2022) |
| 2. | Bilić A, Savanović M, Armaković S, **Četojević-Simin D**, Srđenović Čonić B, Kladar N, Armaković S. [Exploring the influence of free radicals on photolytic removal of nadolol from water: Mechanism of degradation and toxicity of intermediates](https://www.frontiersin.org/articles/10.3389/fenvs.2023.1119944/full). Front Env Sci-Switz. 2023; 11. DOI=10.3389/fenvs.2023.1119944  | 82/279(2021) | 21(2021) | 5.411(2021) |
| 3. | Ždero Pavlović R, Blagojević B, Kukrić T, Mocko Blažek K, Lazzara G, **Četojević-Simin D**, Popović BM. [Phenolic Compounds from Sour Cherry Pomace: Microencapsulation, in Vitro Digestion, and Cell Growth Activities](https://link.springer.com/article/10.1007/s11130-023-01046-w). Plant Foods Hum Nutr. 2023 Mar;78(1):221-7. doi: 10.1007/s11130-023-01046-w. | 21/72(2022) | 21(2022) | 4.0(2022) |
|  4. | Marić B, Abramović B, Ilić N, Bodroža-Solarov M, Pavlić B, Oczkowski M, Wilczak J, **Četojević-Simin D**, Šarić L, Teslić N. [UHPLC-Triple-TOF-MS Characterization, Antioxidant, Antimicrobial and Antiproliferative Activity of Raspberry (](https://www.mdpi.com/2304-8158/12/1/161)*[Rubus idaeus](https://www.mdpi.com/2304-8158/12/1/161)* [L.) Seed Extracts](https://www.mdpi.com/2304-8158/12/1/161). Foods. 2022 Dec 28;12(1):161. doi: 10.3390/foods12010161. | 34/142 | 21 | 5.2 |
|  5. | Sakač M, Jovanov P, Marić A, **Četojević-Simin D**, Novaković A, Plavšić D, Škrobot D, Kovač R. [Antioxidative, Antibacterial and Antiproliferative Properties of Honey Types from the Western Balkans](https://www.mdpi.com/2076-3921/11/6/1120). Antioxidants (Basel). 2022 Jun 6;11(6):1120. doi: 10.3390/antiox11061120. | 6/60 | 21a | 7.0 |
|  6. | Blagojevic B, **Cetojevic-Simin D**, Djuric S, Lazzara G, Milioto S, Agic D, Vasile BS, Popovic MB. [Anthocyanins and phenolic acids from Prunus spinosa L. encapsulation in halloysite and maltodextrin based carriers](https://www.sciencedirect.com/science/article/pii/S0169131722000849?via%3Dihub). Appl Clay Sci. 2022;222. DoI 10.1016/j.clay.2022.106489 | 2/29 | 21a | 5.6 |
| 7. | Vulic J, Bibovski K, Seregelj V, Kovacevic S, Banjac MK, Canadanovic-Brunet J, Cetkovic G, **Cetojevic-Simin D**, Saponjac VT, Podunavac-Kuzmanovic S. [Chemical and Biological Properties of Peach Pomace Encapsulates: Chemometric Modeling](https://www.mdpi.com/2227-9717/10/4/642). Processes. 2022;10:4. DOI 10.3390/pr10040642 | 63/141 | 22 | 3.5 |
| 8. | Ćetković G, Šeregelj V, Brandolini A, Čanadanović-Brunet J, Tumbas Šaponjac V, Vulić J, Šovljanski O, **Četojević-Simin D**, Škrobot D, Mandić A, Estivi L, Hidalgo A. Composition, texture, sensorial quality, and biological activity after *in vitro* digestion of durum wheat pasta enriched with carrot waste extract encapsulates. Int J Food Sci Nutr. 2022 Aug;73(5):638-49. doi: 10.1080/09637486.2022.2029831. | 50/142 | 22 | 3.9 |
| 9. | Uzelac MM, Armakovic SJ, Armakovic S**, Cetojevic-Simin DD**, Agbaba J, Banic ND. [The role of environmental waters ionic composition and UV-LED radiation on hotodegradation, mineralization and toxicity of commonly used beta-bloc](https://www.sciencedirect.com/science/article/pii/S0022286021017075?via%3Dihub)kers. J MOL STRUCT. 2022;1249. DOI 10.1016/j.molstruc.2021.131579 | 74/161 | 22 | 3.8 |
| 10. | Ivetic TB, Fincur NL, Merkulov DVS, Despotovic VN, **Cetojevic-Simin DD**, Armakovic SJ, Uzelac MM, Bognar SI, Zec NJ, Lukic-Petrovic SR, Abramovic BF. [Water-Active Titanium/Molybdenum/Mixed-Oxides: Removal Efficiency of Organic Water Pollutants by Adsorption and Photocatalysis and Toxicity Assessment](https://www.mdpi.com/2073-4344/11/9/1054). Catalysts. 2021; 11(9). DOI 10.3390/catal11091054 | 71/165 | 22 | 4.501 |
| 11. | Petrović V, **Četojević Simin D**, Milanović M, Vulić J, Milić N. [Polyphenol rich horseradish root extracts and juice: In vitro antitumor activity and mechanism of action](https://doiserbia.nb.rs/img/doi/0042-8450/2021/0042-84501900123P.pdf). Vojnosanit Pregl. 2021;78(7):745-54. doi: 10.2298/VSP190212123P | 168/172 | 23 | 0.245 |
| 12. | Jevtić I, Jakšić S, **Četojević Simin D**, Uzelac M, Abramović B. UV-induction of photolytic and photocatalytic degradation of fumonisins in water: reaction kinetics and toxicity. Environ Sci Pollut Res Int. 2021 Oct;28(38):53917-25. | 87/279 | 22 | 5.190 |
| 13. | Ćebović T, Jakovljević D, Maksimović Z, Djordjević S, Jakovljević S, **Četojević-Simin D**. [Antioxidant and cytotoxic activities of curly dock (Rumex crispus L., Polygonaceae) fruit extract](http://www.doiserbia.nb.rs/img/doi/0042-8450/2020/0042-84501800084C.pdf). Vojnosanit Pregl. 2020;77(3 ):308-16. | 165/169 | 23 | 0.168 |
| 14. | Majkić T, Torović Lj, Lesjak M, **Četojević-Simin D**, Beara I. [Activity profiling of Serbian and some other European Merlot wines in inflammation and oxidation processes](https://www.sciencedirect.com/science/article/pii/S096399691930184X?via%3Dihub). Food Res Int. 2019;121:151-60. | 11/139 | 21a | 4.972 |
| 15. | Šojić Merkulov D, Despotović V, Banić N, Armaković SJ, Finčur N, Lazarević M, **Četojević-Simin D**, Orčić D, Radoičić M, Šaponjić Z, Čomor M, Abramović B. [Photocatalytic decomposition of selected biologically active compounds in environmental waters using TiO2/polyaniline nanocomposites: Kinetics, toxicity and intermediates assessment](https://reader.elsevier.com/reader/sd/6E741BF2F7908C335F2147B97196A85F6BF6956BADE90FA70BD448AA8364887850B3401B4D05A3EBF66FD90DF5A12141). Environ Pollut. 2018;239:457-65. | 25/250 | 21a | 5.714 |
| 16. | Armaković SJ, Armaković S, **Četojević-Simin D**, Šibul F, Abramović B. [Photocatalytic degradation of 4-amino-6-chlorobenzene-1,3-disulfonamide stable hydrolysis product of hydrochlorothiazide: Detection of intermediates and their toxicity.](https://reader.elsevier.com/reader/sd/CDF80DCEA851BBD59ACEAFF8E4B18D25BA5591B48C6765C8C3DA8EEA3208CA01C5B346E0513C708F2E034B18A8E4ECE6) Environ Pollut. 2018;233:916-24. | 25/250 | 21a | 5.714 |
| 17. | Nađpal J, Lesjak M, Mrkonjić Z, Majkić T, **Četojević-Simin D**, Beara I. [Phytochemical composition and in vitro functional properties of three wild rose hips and their traditional preserves](https://reader.elsevier.com/reader/sd/9E479961F18DB725B36FAEC1D826863A1D259B6E9667211316D78F9D3A04371CD5CC88D2FFFF97040F08779049E114CE). Food Chem. 2018;241:290-300. | 5/71  | 21a  | 5.399 |
| 18. | Vraneš M, Tot A, Papović S, **Četojević-Simin D**, Markov S, Velićanski A, Popsavin M, Gadžurić S. [Physicochemical features and toxicity of some vitamin based ionic liquids.](https://reader.elsevier.com/reader/sd/0ABA622BFF74477D6345501662C5A179294D7261B152BD652976EB32ED553CFD2DC07F684C609915B8374107F5531359) J Mol Liq. 2017;247:411-24.  | 37/146 | 21 | 4.513 |
| 19. | Mrkonjić Z, Nađpal J, Beara I, Aleksić-Sabo V, **Četojević-Simin D**, Mimica-Dukić N, Lesjak M. [Phenolic profiling and bioactivities of fresh fruits and jam of Sorbus species](http://www.doiserbia.nb.rs/img/doi/0352-5139/2017/0352-51391700049M.pdf). J Serb Chem Soc. 2017;82(6):651-64. | 139/171 | 23 | 0.797 |
| 20. | Mitić Ćulafić D, Nikolić B, Simin N, Jasnić N, **Četojević-Simin D**, Krstić M, Knežević-Vukčević J. [Effect of Allium flavum L. and Allium melanantherum Panč. extracts on oxidative DNA damage and antioxidative enzymes superoxide dismutase and catalase.](https://link.springer.com/content/pdf/10.1007/s11130-015-0519-0.pdf) Plant Foods Hum Nutr. 2016;71(1):28-34.  | 31/129 | 21 | 2.368 |
| 21. | Nađpal JD, Lesjak MM, Šibul FS, Anačkov GT, **Četojević-Simin DD**, Mimica-Dukić NM, Beara IN. [Comparative study of biological activities and phytochemical composition of two rose hips and their preserves:](http://ac.els-cdn.com/S030881461501122X/1-s2.0-S030881461501122X-main.pdf?_tid=192854f2-939b-11e7-a376-00000aab0f01&acdnat=1504768181_01ba09ccb0a4332cb7aefe35c9a75687) *[Rosa canina](http://ac.els-cdn.com/S030881461501122X/1-s2.0-S030881461501122X-main.pdf?_tid=192854f2-939b-11e7-a376-00000aab0f01&acdnat=1504768181_01ba09ccb0a4332cb7aefe35c9a75687)* [L. and](http://ac.els-cdn.com/S030881461501122X/1-s2.0-S030881461501122X-main.pdf?_tid=192854f2-939b-11e7-a376-00000aab0f01&acdnat=1504768181_01ba09ccb0a4332cb7aefe35c9a75687) *[Rosa arvensis](http://ac.els-cdn.com/S030881461501122X/1-s2.0-S030881461501122X-main.pdf?_tid=192854f2-939b-11e7-a376-00000aab0f01&acdnat=1504768181_01ba09ccb0a4332cb7aefe35c9a75687)* [Huds](http://ac.els-cdn.com/S030881461501122X/1-s2.0-S030881461501122X-main.pdf?_tid=192854f2-939b-11e7-a376-00000aab0f01&acdnat=1504768181_01ba09ccb0a4332cb7aefe35c9a75687). Food Chem. 2016;192:907-14.  | 6/129 | 21a | 4.529 |
| 22. | Milić N, **Četojević-Simin D**, Milanović M, Sudji J, Milošević N, Ćurić N, Abenavoli L, Medić-Stojanoska M. [Estimation of in vivo and in vitro exposure to bisphenol A as food contaminant](http://ac.els-cdn.com/S0278691515300119/1-s2.0-S0278691515300119-main.pdf?_tid=1799e0d0-49cf-11e7-8706-00000aab0f26&acdnat=1496654126_5b36ec282ce90b136e5f1a09fee97e4d). Food Chem Toxicol. 2015;83:268-74. | 13/125 | 21 | 3.584 |
| 23. | Šojić DV, Orčić DZ, **Četojević-Simin** **DD**, Banić ND, Abramović BF. [Efficient removal of sulcotrione and its formulated compound Tangenta® in aqueous TiO2 suspension: Stability, photoproducts assessment and toxicity](http://ac.els-cdn.com/S0045653514014702/1-s2.0-S0045653514014702-main.pdf?_tid=61e1519e-939b-11e7-b734-00000aab0f02&acdnat=1504768303_1af8e4f1131a5d5054e11e28dc635d9d). Chemosphere. 2015;138:988-94.  | 37/225 | 21 | 3.698 |
| 24. | Stajčić S, Ćetković G, Čanadanović-Brunet J, Djilas S, Mandić A, **Četojević-Simin D.** [Tomato waste: carotenoids content, antioxidant and cell growth activities](http://ac.els-cdn.com/S0308814614014368/1-s2.0-S0308814614014368-main.pdf?_tid=2a1576ec-939f-11e7-bf20-00000aab0f27&acdnat=1504769927_68eb915ea91f1e1f89484278a5266f09). Food Chem. 2015;172:225-32.  | 7/125 | 21a | 4.052 |
| 25. | **Četojević-Simin DD**, Velićanski AS, Cvetković DD, Markov SL, Ćetković GS, Tumbas Šaponjac VT, Vulić JJ, Čanadanović-Brunet JM, Djilas SM. [Bioactivity of Meeker and Willamette raspberry (Rubus idaeus L.) pomace extracts](http://ac.els-cdn.com/S0308814614009492/1-s2.0-S0308814614009492-main.pdf?_tid=64fa1c68-939f-11e7-bf20-00000aab0f27&acdnat=1504770026_716a7b5165c4f379d9e86f7da131a7c2). Food Chem. 2015;166:407-13.  | 7/125 | 21a | 4.052 |
| 26. | Tumbas Šaponjac V, Čanadanović-Brunet J, Ćetković G, Djilas S, **Četojević-Simin D.** [Dried bilberry (Vaccinium myrtillus L.) extract fractions as antioxidants and cancer cell growth inhibitors](http://ac.els-cdn.com/S0023643814002266/1-s2.0-S0023643814002266-main.pdf?_tid=9d727360-939f-11e7-bf1d-00000aab0f02&acdnat=1504770121_7dfce45c52f9803b8139a123e67bbdfe). LWT - Food Science and Technology. 2015;61(2):615-21.  | 23/125 | 21 | 2.711 |
| 27. | Beara IN, Lesjak MM, **Četojević-Simin DD**, Marjanović ŽS, Ristić JD, Mrkonjić ZO, Mimica-Dukić NM. [Phenolic profile, antioxidant, anti-inflammatory and cytotoxic activities of black (Tuber aestivum Vittad.) and white (Tuber magnatum Pico) truffles](http://ac.els-cdn.com/S0308814614008322/1-s2.0-S0308814614008322-main.pdf?_tid=e1fea5bc-939f-11e7-b734-00000aab0f02&acdnat=1504770236_d5fa246df06d13867ba7d01bdd609d1a). Food Chem. 2014;165:460-6.  | 8/122 | 21a | 3.391 |
| 28. | Šojić DV, Orčić DZ, **Četojević-Simin DD**, Despotović VN, Abramović BF. [Kinetics and the mechanism of the photocatalytic degradation of mesotrione in aqueous suspension and toxicity of its degradation mixtures.](http://ac.els-cdn.com/S138111691400171X/1-s2.0-S138111691400171X-main.pdf?_tid=106281a8-93a0-11e7-9b82-00000aab0f02&acdnat=1504770314_6fc1616bc03bc75cb3412d8e6da078e6) J Mol Catal A Chem. 2014;392:67-75.  | 39/139 | 21 | 3.615 |
| 29. | Tumbas Šaponjac V, **Četojević-Simin D**, Ćetković G, Čanadanović-Brunet J, Djilas S, Mandić A, Tepić A. [Effect of extraction conditions of paprika oleoresins on their free radical scavenging and anticancer activity.](https://link.springer.com/content/pdf/10.2478/s11532-013-0378-1.pdf) Cent Eur J Chem. 2014;12(3):377-85.  | 80/148(2013) | 22(2013) | 1.329(2013) |
| 30. | Simin N, Orcic D, **Cetojevic-Simin D**, Mimica-Dukic N, Anackov G, Beara I, Mitic-Culafic D, Bozin B. [Phenolic profile, antioxidant, anti-inflammatory and cytotoxic activities of small yellow onion (Allium flavum L. subsp. flavum, Alliaceae).](http://www.sciencedirect.com/science/article/pii/S0023643813001874) LWT- Food Sci Technol. 2013;54 (1):139-46. | 26/122 | 21 | 2.468 |
| 31. | Abramović BF, Despotović VN, Šojić DV, Orčić DZ, Csanádi JJ, **Četojević-Simin DD.** [Photocatalytic degradation of the herbicide clomazone in natural water using TiO2: kinetics, mechanism, and toxicity of degradation products](http://ac.els-cdn.com/S0045653513007595/1-s2.0-S0045653513007595-main.pdf?_tid=bf1eaa1e-93a0-11e7-b840-00000aab0f02&acdnat=1504770607_c6fe52590cfc4dd89f9d853415c60c17). Chemosphere. 2013;93(1):166-71.  | 32/216 | 21 | 3.499 |
| 32. | **Četojević-Simin DD**, Armaković SJ, Šojić DV, Abramović BF. [Toxicity assessment of metoprolol and its photodegradation mixtures obtained by using different type of TiO2 catalysts in the mammalian cell lines](http://ac.els-cdn.com/S0048969713007353/1-s2.0-S0048969713007353-main.pdf?_tid=ec20e220-93a0-11e7-a576-00000aab0f6c&acdnat=1504770682_6d201b5eaab6756a7f05c3ee4a3b7bd8). Sci Total Environ. 2013;463-464:968-74. | 40/216 | 21 | 3.163 |
| **Збирни подаци научне активност наставника** |
| Укупан број цитата, без аутоцитата | 1381 |
| Укупан број радова са SCI (или SSCI) листе | 64 |
| Тренутно учешће на пројектима | Домаћи: - | Међународни: 1 |
| Усавршавања |  |
| Други подаци које сматрате релевантним |  |