**Табела. 9.8** Компетентност ментора

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| **Име и презиме** | [Димитар Јакимов](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Jakimov%20Dimitar%20S&amp;samoar&amp;.W1WJ1zmxWUk)  |
| **Звање** | научни саветник |
| **Ужа научна, уметничка односно стручна област** | Биохемија, медицинска генетика |
| **Академска каријера** | Година  | Институција  | Ужа научна, уметничка односно стручна област  |
| Избор у звање |  |  |  |
| Докторат |  |  |  |
| Магистратура |  |  |  |
| Мастер диплома |  |  |  |
| Диплома |  |  |  |
| **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 |
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| \*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 (минимално 5 не више од 20)****Категоризација публикације уметничких референци из области датог студијског програма према класификацији из Упутства за припрему документације за акредитацију студијског програма а у складу са допунским захтевевима стандарда за дато поље**  |
| Р.б. | Публикација | ISI | M | IF |
| 1. | Farkas S, Benedeković G, Stanisavljević S, Srećo Zelenović B, Popsavin M, et al...**Jakimov D.** [Synthesis and antiproliferative activity of (5R)-cleistenolide and analogues](https://doiserbia.nb.rs/Article.aspx?ID=0352-51392300018F). J Serb Chem Soc. 2023;88(7-8):705-13. | 155/178(2022) | 23(2022) | 1.0(2022) |
| 2. | Kazuz A, Radovanović Ž, Veljović Đ, Kojić V, **Jakimov D**, Vlajić Tovilović T, et al. [α-tricalcium phosphate/fluorapatite-based cement - promising dental root canal filling material.](https://doiserbia.nb.rs/Article.aspx?ID=1820-61312201022K) Process Appl Ceram. 2022;16(1):22-9. | 12/29(2020) | 22(2020) | 1.804(2020) |
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 | 21 | 5.4 |
| 5. | Kuzminac I, Bekić S, Ćelić A, **Jakimov D**, Sakač M. [Antitumor potential of novel 5α,6β-dibromo steroidal D-homo lactone](https://pubmed.ncbi.nlm.nih.gov/36183814/). Steroids. 2022 Dec;188:109118. | 214/285 | 23 | 2.7 |
| 6. | Oklješa A, Raičević V, **Jakimov D**, Klisurić O. [Synthesis, structural, computational, and antiproliferative activity studies of new steroidal tetrazole derivatives](https://www.researchgate.net/publication/358384009_Synthesis_structural_computational_and_antiproliferative_activity_studies_of_new_steroidal_tetrazole_derivatives). J Mol Struct. 2022; 1256:132577. | 74/161 | 22 | 3.8 |
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 | 23 | 1.0 |
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 | 22 | 4.036 |
| 11. | Simonović M, Kojić V, **Jakimov D**, Glumac M, Pejin B. [Raspberry seeds extract selectively inhibits the growth of human lung cancer cells](https://pubmed.ncbi.nlm.nih.gov/31526150/) *[in vitro](https://pubmed.ncbi.nlm.nih.gov/31526150/)*. Nat Prod Res. 2021 Jul;35(13):2253-6. | 38/72 | 22 | 2.488 |
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| 15. | Kojić V, Đan I, Bogdanović V, Borišev I, Djordjević A, et al...**Jakimov D**. [The effect of gold nanoparticles and irradiation on healthy and tumor human lung cells](http://ijrr.com/article-1-2661-en.pdf). International Journal of Radiation Research. 2019;17(4):569-78. | 132/133 | 23 | 0.389 |
| 16. | Savić M, Ajduković J, Plavša J, Bekić S, Celić A, et al...**Jakimov D**, et al. [Evaluation of A-ring fused pyridine D-modified androstane derivatives for antiproliferative and aldo-keto reductase 1C3 inhibitory activity](https://pubs.rsc.org/en/content/articlelanding/2018/md/c8md00077h). Medchemcomm. 2018;9(6):969-81. | 35/61 | 22 | 2.394 |
| 17. | Nikolić A, Kuzminac I, Jovanović-Santa S, **Jakimov D**, Aleksić L, Sakač M. [Anticancer activity of novel steroidal 6-substituted 4-en-3-one D-seco dinitriles](https://pubmed.ncbi.nlm.nih.gov/29604312/). Steroids. 2018;135:101-7. | 174/293(2017) | 22(2017) | 2.523(2017) |
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| 31. | **Jakimov D,** Kojić V, Aleksić L, Bogdanović G, Ajduković J, Đurendić E, et al. [Androstane derivatives induce apoptotic death in MDA-MB-231 breast cancer cells](https://pubmed.ncbi.nlm.nih.gov/26494582/). Bioorg Med Chem. 2015;23(22):7189-98. | 15/58(2014) | 21(2014) | 2.793(2014) |
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| 33. | Popsavin M, Kojić V, Spaić S, Svirčev M, Bogdanović G, **Jakimov D**, et al. [2-Substituted thiazole-4-carboxamide derivatives as tiazofurin mimics: synthesis and in vitro antitumour activity](https://www.sciencedirect.com/science/article/pii/S0040402014002051). Tetrahedron. 2014;70(14):2343-50.  | 17/58(2013) | 21(2013) | 2.817(2013) |
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| 35. | Oklješa A, Jovanović-Santa S, Klisurić O, Sakač M, Đurendić E, **Jakimov D,**  et al[. Structural analysis and antitumor activity of androstane D-Seco-mesyloxy derivatives](http://www.scielo.br/pdf/jbchs/v24n10/v24n10a09.pdf). J Braz Chem Soc. 2013;24(10):1613-22. | 84/148 | 22 | 1.253 |
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| 37. | Penov-Gasi K, Oklješa A, Petri E, Ćelić A, Đurendić E, et al...**Jakimov D**. [Selective antitumour activity and ER alpha molecular docking studies of newly synthesized D-homo fused steroidal tetrazoles](https://pubs.rsc.org/en/content/articlelanding/2013/md/c2md20327h). Medchemcomm. 2013;4(2):317-23. | 26/58 | 22 | 2.626 |
| **Збирни подаци научне активност наставника** |
| **Збирни подаци уметничке активност наставника** |
| Укупан број цитата, без аутоцитата | **535** |
| Укупан број радова са SCI (или SSCI) листе | **56** |
| Тренутно учешће на пројектима | Домаћи | Међународни |
| Усавршавања |  |  |
| Други подаци које сматрате релевантним |  |
| Максимална дужине не сме бити већа од 2 странице А4 |  |