**Табела. 9.8** Компетентност ментора

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Име и презиме** | | | [Михаљ Поша](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Posa%20Mihalj%20M&amp;samoar&amp;offset=0&amp;.Wa5bqjWxWUk) | | | | | | | | | |
| **Звање** | | | Редовни професор | | | | | | | | | |
| **Ужа научна, уметничка односно стручна област** | | | Фармација | | | | | | | | | |
| **Академска каријера** | | Година | Институција | | | | Ужа научна, уметничка односно стручна област | | | | | |
| Избор у звање | | 2018. | Медицински факултет Нови Сад | | | | Основне хемијске дисциплине у фармацији | | | | | |
| Докторат | | 2008. | Универзитет у Новом Саду, Природно-математички факултет | | | | Хемија-биохемија | | | | | |
| Магистратура | | 2006. | Универзитет у Новом Саду, Природно-математички факултет | | | | Хемија-биохемија | | | | | |
| Мастер | |  |  | | | |  | | | | | |
| Диплома | | 2002. | Универзитет у Новом Саду, Природно-математички факултет | | | | Хемија | | | | | |
| **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. | УТИЦАЈ ПОРЕКЛА ДРОГЕ И БИОЛОШКОГ ИЗВОРА НА ХЕМИЈСКИ САСТАВ ЕТАРСКОГ УЉА БОРА,ХЕМОМЕТРИЈСКА КЛАСИФИКАЦИЈА | | | | Јелена Живковић | | | | 2013  (истекао рок за одбрану) | |  | |
| 2. | ТЕРМОДИНАМИЧКА СТАБИЛНОСТ БИНАРНИХ МЕШОВИТИХ МИЦЕЛА ОДАБРАНИХ ХОМОЛОГА ИЗ ГРУПА БРИЈ СУРФАКТАНАТА И ПОЛИСОРБАТА | | | | Стоја Обрадовић | | | |  | | 2017. | |
| 3. | ТЕРМОДИНАМИЧКА СТАБИЛНОСТ ОДАБРАНИХ МИЦЕЛАРНИХ СИСТЕМА ЖУЧНИХ СОЛИ ЗНАЧАЈНИХ ЗА НОВЕ ФАРМАЦЕУТСКЕ ФОРМУЛАЦИЈЕ | | | | Коста Поповић | | | |  | | 2017. | |
| 4. | УТИЦАЈ ДУЖИНЕ ХИДРОФОБНОГ СЕГМЕНТА ХОМОЛОГНИХ ПОЛИСОРБАТА НА ТЕРМОДИНАМИЧКЕ ПАРАМЕТРЕ БИНАРНИХ МЕШОВИТИХ МИЦЕЛА ПОЛИСОРБАТА И ТРИТОНА X-100 | | | | Ивана Вапа | | | |  | | 2016. | |
| 5. | ФИЗИЧКО-ХЕМИЈСКЕ КАРАКТЕРИСТИКЕ МЕШОВИТИХ МИЦЕЛА СОЛИ ЖУЧНИХ КИСЕЛИНА И НЕЈОНСКИХ СУРФАКТАНАТА | | | | Дејан Ћирин | | | |  | | 2015. | |
| 6. | МИЦЕЛАРНА СОЛУБИЛИЗАЦИЈА ХОЛЕСТЕРОЛА ПОМОЋУ ОКСО ДЕРИВАТА ЖУЧНИХ КИСЕЛИНА | | | | Зита Фаркаш | | | |  | | 2015. | |
| 7. | ИСПИТИВАЊЕ УТИЦАЈА МОЛЕКУЛСКЕ СТРУКТУРЕ НА ЛИПОФИЛНОСТ ЖУЧНИХ КИСЕЛИНА | | | | Ана Пилиповић | | | |  | | 2011. | |
| \*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. | **Posa M.** [Volumetric Flask with White and Blue Balls: Demonstration of Microcanonical Ensemble of Small Populations](https://pubs.acs.org/doi/full/10.1021/acs.jchemed.4c00496). J Chem Educ. 2024;101(9):4057-63. | | | | | | | 98/175  (2023) | | 22  (2023) | | 2.5  (2023) |
| 2. | **Posa M.** [Connecting De Donder's equation with the differential changes of thermodynamic potentials: understanding thermodynamic potentials.](https://link.springer.com/article/10.1007/s10698-024-09507-z) Found Chem. 2024. doi: 10.1007/s10698-024-09507-z | | | | | | | 15/70  (2023) | | 21  (2023) | | 1.8  (2023) |
| 3. | **Posa M.** [The Gibbs-Helmholtz equation and the enthalpy-entropy compensation (EEC) phenomenon in the formation of micelles in an aqueous solution of surfactants and the cloud point effect.](https://www.sciencedirect.com/science/article/pii/S0167732224001648) J Mol Liq. 2024;396:124109. doi: 10.1016/j.molliq.2024.124109 | | | | | | | 5/35  (2023) | | 21  (2023) | | 5.3  (2023) |
| 4. | Kumar D, Farkas-Agatic Z, Popovic K, **Posa M.** [Binary Mixed Micelles of Hexadecyltrimethylammonium Bromide-Sodium Deoxycholate and Dodecyltrimethylammonium Bromide-Sodium Deoxycholate: Thermodynamic Stabilization and Mixed Micelle Solubilization Capacity of Daidzein (Isoflavonoid).](https://pubs.acs.org/doi/full/10.1021/acs.iecr.3c04484) Ind Eng Chem Res. 2024;63(7):3336-48. | | | | | | | 46/143  (2023) | | 22  (2023) | | 3.8  (2023) |
| 5. | Popovic D, Popovic K, Miljkovic D, Popovic J, Lalosevic D, **Posa M**, Dolicanin Z, Capo I. [Diclofenac and metformin synergistic dose dependent inhibition of hamster fibrosarcoma, rescued with mebendazole](https://pubmed.ncbi.nlm.nih.gov/37738800/). Biomed Pharmacother. 2023;167:115528. | | | | | | | 15/274 | | 21a | | 6.9 |
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| **Збирни подаци научне активност наставника** | | | | | | | | | | | | |
| Укупан број цитата, без аутоцитата | | | | 941 | | | | | | | | |
| Укупан број радова са SCI (или SSCI) листе | | | | 98 | | | | | | | | |
| Тренутно учешће на пројектима | | | | Домаћи: 1 | | Међународни: 1 | | | | | | |
| Усавршавања | | | | Хемометрија (Бабеш-Бољаи Универзитет, Клуж, 2007) | | | | | | | | |
| Други подаци које сматрате релевантним | | | | Хемометрија (Бабеш-Бољаи Универзитет, Клуж, 2007) | | | | | | | | |
|  | | | | **Поша М**.Основне методе у хемометрији, Медицински факултет, Нови Сад, 2010 (монографија)  **Поша М**.Физичко хемијске особине жучних киселина са освртом на оксо деривате 5β-холанске киселине, Медицински факултет, Нови Сад, 2011 (монографија)  **Поша М**.Термодинамика бинарних смеша и мешовитих мицела: системи натријумових соли жучних киселина и нејонских, Медицински факултет, Нови Сад, 2015 (монографија)  **Поша М**.Физичка Хемија, Медицински факултет, Нови Сад, 2016 (уџбеник)  **Поша М**,Поповић К, Фаркаш Агатић З. Практикум из физичке хемије, Медицински факултет, Нови Сад, 2017.  **Поша М**, Пилиповић А, Тепавчевић В. Практикум из органске хемије, Медицински факултет, Нови Сад, 2017. | | | | | | | | |