**Табела. 9.6.** Компетентност наставника

|  |  |
| --- | --- |
| **Име и презиме** | Дамир Д. Јерковић |
| **Звање** | ванредни професор |
| **Ужа научна област** | Системи наоружања |
| **Академска каријера** | Година  | Институција  | Област | Ужа научна односно уметничка област |
| Избор у звање | 2022. | Војна академија  | Машинско инжењерство  | Системи наоружања |
| Докторат | 2014. | Војна академија | Војни машински системи | Системи наоружања |
| Магистратура | 2007. | Факултет техничких наука, Нови Сад | Машинство | Механика флуида |
| Диплома | 1998. | Војнотехничка академија, Београд | Машинство | Наоружање |
| **Списак предмета које наставник држи на докторским студијама**  |
| **Р.Б.** | **Ознака**  | **Назив предмета** |
| 1. | 20.RZPSBS | Развој и пројектовање савремених борбених система |
| 2. | 20.BALPRJ | Балистичко пројектовање |
| 3. | 20.OPAERD | Одабрана поглавља из аеродинамике |
| 4. | 20.OPSVKS | Одабрана поглавља из система за управљање ватром и командно-информационих система |
| 5. | 20.MEHSPM | Механика система променљиве масе |
| 6. | 20.EFPZNR | Ефикасност и поузданост наоружања |
| 7. | 20.OPMEHF | Одабрана поглавља из механике флуида |
| **Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље** |
|  | Abdellah Ferfouri; Jerkovic, Damir D.; Nebojša Hristov; Aleksandar Kari; Toufik Allouche (2025) Performance Analysis of Grid Topologies and RANS Turbulence Models in Predicting Aerodynamic Drag Coefficient at Zero-yaw for an Artillery Projectile, Journal of Applied Fluid Mechanics, Vol. 18, No. 3, pp. 585-600, 2025., <https://doi.org/10.47176/jafm.18.3.2954>  | M23 |
|  | Allouche, Toufik; Zivkovic, Sasa; Ferfouri, Abdellah; Jerkovic, Damir; Hristov, Nebojsa; Karic, Marko (2024) Design and thermal analysis of impulse thrusters for control systems of guided missiles, Thermal Science 2025 Volume 29, Issue 1 Part B, Pages: 651-662, <https://doi.org/10.2298/TSCI240912284A>  | M23 |
|  | Abdellah Ferfouri, Toufik Allouche, Damir D. Jerković, Nebojša Hristov, Milan Vučković and Abdeselem Benmeddah (2023) Prediction of Drag Aerodynamic Coefficient of the 155mm Projectile Under Axisymmetric Flow Using Different Approaches, Journal of the Serbian Society for Computational Mechanics / Vol. 17 / No. 2, 2023 / pp 69-86, <https://doi.org/10.24874/jsscm.2023.17.02.06>  | M24 |
|  | Abaci, Walid Boukera; Hristov, Nebojsa P; Ahmed, Nabil Ziane; Jerkovic, Damir D; Drakulic, Momir M (2022) Determination of the gun barrel walls temperature distribution and its experimental validation during multiple-shots firing process, INTERNATIONAL JOURNAL OF THERMAL SCIENCES, Volume 179, September 2022, 107667, <https://doi.org/10.1016/j.ijthermalsci.2022.107667>  | M21 |
|  | Nabil Ziane Ahmed, Damir D. Jerković, Nebojša P. Hristov, Walid Boukera Abaci (2022) Analytical and Experimental Investigation of the Muzzle Brake Efficiency, Facta Universitatis – Series: Mechanical Engineering, <https://doi.org/10.22190/FUME220418028A>  | M21a |
|  | Abaci, Walid Boukera; Hristov, Nebojša; Ziane, Ahmed Nabil; Jerković, Damir D.; Savić, Slobodan (2021) Analysis Of Thermal And Gas-Dynamic Characteristics Of Different Types Of Propellant In Small Weapons, Thermal Science 2021 Volume 25, Issue 6 Part A, Pages: 4295-4306, <https://doi.org/10.2298/TSCI200814138B>  | M23 |
|  | Dali Mohammed Amin, Jaramaz Slobodan S, Jerkovic Damir D, Djurdjevac Danilo (2019) Increasing the Range of Contemporary Artillery Projectiles (Article), Tehnicki vjesnik-technical gazette, (2019), vol. 26 br. 4, str. 960-969 | M23 |
|  | Borovic Vladan, Spalevic Petar Lj, Jovic Srdjan, Jerkovic Damir D, Drasute Vida, Rancic Dejan D (2019) Hail suppression activities using tetra-based sensor network (Article), Sensor review, (2019), vol. 39 br. 2, str. 171-177 | M23 |
|  | Hristov Nebojsa P, Kari Aleksandar, Jerkovic Damir D, Savic Slobodan R (2018) Application of a CFD Model in Determination of the Muzzle Blast Overpressure in Small Arms and Its Validation by Measurement (Article), Tehnicki vjesnik-technical gazette, (2018), vol. 25 br. 5, str. 1399-1407 | M23 |
|  | Belaidouni Habib, Samardzic Marija Dj, Jerkovic Damir D, Zivkovic Sasa Z, Rajic Zoran M, Curcic Dusan S, Kari Aleksandar (2018) Comparison of Static Aerodynamic Data Obtained in Dynamic Wind Tunnel Tests and Numerical Simulation Research (Article), Tehnicki vjesnik-technical gazette, (2018), vol. 25 br. 2, str. 445-452 | M23 |
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|  | Slobodan Ilić, Damir Jerković, Aleksandar Kari, The Influence Of The Muzzle Velocity Vector On The Evaluation Of The Gunfire Precision, 5th International Scientific Conference on Defensive Technologies – OTEH 2012, 18 – 19 September, Belgrade, Military Technical Institute, ISBN 978-86-8123-58-4 | M33 |
|  | Kari Aleksandar, Momčilo Milinović, Olivera Jeremić, Damir Jerković, Comparative analyses of serial linked experimental tested wire rope absorbers, 29th Danubia – Adria Symposium on Advances in Experimental Mechanics, 26 – 29 September 2012, Belgrade, University of Belgrade – Faculty of Mechanical Engineering and Serbian Society of Mechanics, ISBN 978-86-7083-762-1, pp.202-205 | M33 |
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| **Збирни подаци научне активност наставника** |
| Укупан број цитата, без аутоцитата | Scopus 63 (h-indeks 5) |
| Укупан број радова са SCI (или SSCI) листе | 11 |
| Тренутно учешће на пројектима | Домаћи: 1 | Међународни: - |
| Усавршавања  | PTC ProEngineer Course, CATIA V5 Course, FEMAP Course, Курсеви за наставника електронских курсева (средњи и напредни ниво), Дидактичко методички курс за наставнике, ECDL, VibrationAnalysisCategoryIIkurs |
| Други подаци које сматрате релевантним |