Lista publicațiilor

1. ARTICOLE/STUDII IN EXTENSO PUBLICATE ÎN REVISTE COTATE ISI, INDEXATE PUBMED SAU ALTE BDI, CNCSIS

- **Răzvan Mircioagă**, Adrian Rotariu, Tudor Prisecaru, Florin Dîrloman, Bogdan Pulpea, Ionuț Predescu, Experimental study regarding burning process specific to different types of propellants by means of closed vessel tests, UPB Scientific Bulletin, Series D:Mechanical Engineering, Vol.85, Iss.2, 2023, ISSN 1454-2358 (indexat Scopus)
- Florin Dîrloman, Traian Rotariu, Tudor Țigănescu, **Răzvan Mircioagă**, Considerations Regarding Modern Solid Rocket Propellants, Journal of Military Technology, 17-24, Vol.6, Iss.1, 2023, ISSN 2601-6613 (indexat EBSCO)
- Baptiste Reynier, **Răzvan Mircioagă**, Julien Le Clanche, Lorenzo Taddei, Jean-Marc Chevalier, David Hébert, Michel Arrigoni, "High-velocity laser-driven flyer impact on paraffin gel," International Journal of Impact Engineering, vol. 202, 2025. (indexat Clarivate, factor impact 5.7, Q1)
- **Răzvan-Marian Mircioagă**, Baptiste Reynier, Tudor Prisecaru, Adrian-Nicolae Rotariu, Florin-Marian Dîrloman, Liviu-Cristian Matache, Laviniu Haller, " Advancing ignition techniques for energetic materials: A comparative study of direct laser ignition and laser-driven flyer methods", Defence Technology Journal, Advance online publication, 2025, https://doi.org/10.1016/j.dt.2025.09.005. (indexat Clarivate, factor impact 5.9, Q1)

2. COMUNICĂRI ŞTIINŢIFICE ÎN CADRUL CONFERINȚELOR NAȚIONALE/ INTERNAȚIONALE

- **Răzvan Mircioagă**, Liviu Matache, Adrian Rotariu, Marius Cîrmaci, Pamfil Șomoiag, Laviniu Haller, Alexandru Rancea, "Burning law determination using numerical simulation of propellants burning in the closed vessel," IOP Conf.Series: Materials Science and Engineering, vol. 916, 2020.
- **Răzvan Mircioagă**, Tudor Prisecaru, Adrian Rotariu, Julien Le Clanche, Baptiste Reynier, Michel Arrigoni, " Experimental study on the dynamic behavior of low-sensitivity propellant grains with the split hopkinson pressure bar," in Proceedings of International Scientific Conference “Defense Technologies”, Schumen, 2024.
- **Răzvan Mircioagă**, Adrian Rotariu, Bogdan Pulpea, Florin Dîrloman, Study of the gun powders ignition by laser beam in closed vessels, New Trends in Research of Energetic Materials, 2024, ISBN 978-80-7560-507-8

