

PUBLICAȚII

- Teză de doctorat “Studiul comparativ al funcționării motorului de automobil cu benzină și cu gaz petrolier lichefiat”, Academia Tehnică Militară, București, 2017
- Cărți publicate
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 2. Desen tehnic în ingineria autovehiculelor, Editura Academiei Tehnice Militare “Ferdinand I”, București, 2020, ISBN 978-973-640-310-1
 3. Transmisii mecanice și organe de mașini - Noțiuni de bază, Editura Academiei Tehnice Militare “Ferdinand I”, București, 2019, ISBN 978-973-640-300-2
 4. Tehnologia materialelor. Prelucrări mecanice. Îndrumar de laborator, Editura Academia Tehnică Militară, București, 2018, ISBN 978-973-640-280-7
- Proiecte
- Membru în echipele de proiect pe plan național:
1. - PN3-P2-329/22.05.2020 nr. 4 PTE/2020” Lovitură termobarică pentru aruncătorul de grenade AG—9 calibru 73 mm (ExNOVA)”
 2. - PN3-P2-358/03.06.2020 nr.16 PTE/2020” Lovitură performant termobarică pentru aruncătorul de grenade AG-9 (ExPierce)”
 3. - PN3-P2-610/15.09.2020 nr. 59 PTE/2020 ” Muniții de tip contramăsură termică cu compoziție pirotehnică spectrală inovativă – FLARE pentru toate tipurile de aeronave din dotarea Forțelor Aeriene (CHIMERA)”.
- Membru în echipele de proiect
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- Director de proiect:
- “Cercetare experimentală, consultanță tehnică și instruirea în vederea implementării soluțiilor particulare între beneficiar și prestator în domeniul ingineriei și managementului” contract nr. A8069/14.09.2020, contract nr. Act ad. 1 A11157/24.11.2020, contract nr. A12125/15.12.2020, contract nr. A566/25.01.2021, contract nr. A3706/22.04.2021, contract nr. A6056/25.06.2021, contract nr. A7465/30.07.2021.
- Lucrări publicate
1. Criteria for assessing the energy efficiency of motor vehicles. 3rd International Congress “Science and Management of Automotive and Transportation engineering” SMAT 2014, Craiova, 23-25 October, 20
 2. Considerations relating to active safety of automobiles. 3rd International Congress “Science and Management of Automotive and Transportation engineering” SMAT 2014, Craiova, 23-25 October, 20
 3. The study of vehicles engines functioning on data provided by the on-board computer. MTA Review, vol. XXV, No. 1, Mar. 2015, pag. 77-84
 4. Studiul dinamicii autovehiculelor implicate în accidente rutiere. Buletin documentar "Expertiza tehnică", nr. 28, iunie 2015, pag. 16-31, Corpul experților tehnici din România (CET-R), București, 2015

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6. Analiza și reconstrucția accidentelor rutiere în condiții de incertitudine. Revista Inginerilor de Automobile, vol. 9, nr.3, pag. 7-11, septembrie 2015
7. Research concerning the influence of some factors on the functioning of the vehicle engine. Asian Academic Research Journal of Multidisciplinary, Volume 2, Issue 4, september 2015, pg. 331-341
8. Analysis and Reconstruction of Car Crashes in Case of Uncertainties. Romanian Journal of Automotive Engineering, Volume 21, 4th Series, Number 3, september 2015, pg. 79-87
9. Researches regarding automotive engine functioning. 6th International Conference "Computational Mechanics and Virtual Engineering" COMEC 2015, Brasov, october 2015
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11. The comparative study of engine vehicles functioning with petrol and liquefied petroleum gas. European Automotive Congress EAEC-ESFA, Bucharest, november 2015
12. Uncertainty in the study of automotives dynamics and analysis and reconstruction of car crashes. European Automotive Congress EAEC-ESFA, Bucharest, november 2015
13. Studiul comparativ al influenței unor factori asupra funcționării motorului. Raport de cercetare științifică nr.2, Academia Tehnică Militară, București, martie 2016
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