

LISTA DE LUCRĂRI

Articole relevante	
AR01	D. Gorgoteanu, C. Molder, V.G. Popescu, L.Ș. Grigore, I. Oncioiu, „Optimizing an Autonomous Robot's Path to Increase Movement Speed”, Electronics, 13(10), 2024, https://doi.org/10.3390/electronics13101892 , WOS: 001235070500001
AR02	D. Gorgoteanu, C. Molder, „Electric Powered Miniature Vehicle for Multi-Agent Network Testbed”, Proc. of the Electric Vehicles International Conference (EV 2019), https://doi.org/10.1109/EV.2019.8892953 , IEEE Xplore 8892953
AR03	A. Molder, V. Balaban, M. Jinga, C. Molder, „Current Evidence on Computer-Aided Diagnosis of Celiac Disease: Systematic Review”, Frontiers in Pharmacology, 11, 2020, https://doi.org/10.3389/fphar.2020.00341 , WOS: 000530474600001
AR04	A. Molder, V. Balaban, M. Jinga, C. Molder, A. Robin, „Computer-based diagnosis of celiac disease by quantitative processing of duodenal endoscopy images”, Diagnostics, 13(7), 2780, 2023, https://doi.org/10.3390/diagnostics13172780 , WOS: 001060553100001
AR05	A. Molder, C. Molder, I. Vizitiu, S. Dumitrescu, „Characterization of Atheroma Plaques Echogenicity and Texture for Computer-Aided Diagnosis in Cardiovascular Diseases”, Proceedings of the 13th International Conference on Communications (COMM), 2020, https://doi.org/10.1109/COMM48946.2020.9142032 , WOS: 000612723900027
AR06	A. Molder, C. Molder, I. Vizitiu, D. Mischianu, S. Dumitrescu, „Stroke Risk Assessment Using Atheroma Plaque Surface Features Evaluation”, Proceedings of the 13th International Conference on Communications (COMM), 2020, https://doi.org/10.1109/COMM48946.2020.9142016 , WOS: 000612723900030
AR07	A.M. Vizitiu, M.A. Sandu, L. Dobrescu, A. Foça, C. Molder, “Comparative approach on de-noising TEMPEST video frames”, Sensors, 24(19), 6292, 2024, https://doi.org/10.3390/s24196292 , WOS: 001332801800001
AR08	A.M. Vizitiu, L. Dobrescu, C. Molder, B. Sebacher, B. Trip, V. Butnariu, „Determine Electronic Devices' Vulnerabilities Using Artificial Intelligence”, Proceedings of the 13th International Conference on Communications (COMM), 2024, https://doi.org/10.1109/COMM62355.2024.10741490 , IEEE Xplore 10741490
AR09	A.M. Vizitiu, L. Dobrescu, C. Molder, B. Sebacher, B. Trip, V. Butnariu, „Detection of TEMPEST Audio Compromising Signal Using Artificial Intelligence”, Proceedings of the 13th International Conference on Communications (COMM), 2024, https://doi.org/10.1109/COMM62355.2024.10741433 , IEEE Xplore 10741433
AR10	P. Stoica, S. Basak, C. Molder, B. Scheers, „Review of Counter-UAV Solutions Based on the Detection of Remote Control Communication”, Proceedings of the 13th International Conference on Communications (COMM), 2020, https://doi.org/10.1109/COMM48946.2020.9142017 , WOS: 000612723900042
Teza de doctorat	
D1	Contribuții în recunoașterea formelor, Academia Tehnică Militară, București, Domeniu: Inginerie electronică și telecomunicații, An: 2008
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C3	Molder, C., Grafică asistată de calculator, Editura Albastră, Cluj-Napoca, 2009, ISBN 978-973-650-251-4
C4	Molder, C., Grafică computerizată. Aplicații cu OpenGL, Editura Academiei Tehnice Militare, București, 2009, ISBN 978-973-640-148-0
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ART02	D. Gorgoteanu, C. Molder, V.G. Popescu, L.Ș. Grigore, I. Oncioiu, „Optimizing an Autonomous Robot's Path to Increase Movement Speed”,

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ART11	Kovacs, A. and Molder, C., „MAX-01: Multipurpose Autonomous X-plorer”, <i>MTA Review</i> , 2010, vol. XX, no. 1, pp. 51-58, ISSN 1843-3391
ART12	Oancea, R., Molder, C., Cirmaci, M.V., „Decision Fusion for Face Detection in Color Images”, <i>MTA Review</i> , 2011, vol. XXI, no. 4, pp. 247-258, ISSN 1843-3391
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CON35	L. Berntzen, A. Florea, C. Molder, N. Bouhmala, „A strategy for drone traffic planning dynamic flight-paths for drones in smart cities”, Proc. of the 8th Intl. Conf. on Smart Cities, Systems, Devices and Technologies (SMART 2019), ISSN: 2308-3727, ISBN: 978-1-61208-730-6
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CON37	A.G. Toma, C. Molder, G.A. Mătuşa, „Haptic system for the remote control of a robotic structure”, Proc. of the 30th International Symposium for Design and Technology in Electronic Packaging (SIITME), Sibiu, Romania, 2024, pp. 386-391, https://doi.org/10.1109/SIITME63973.2024.10814876 , IEEE Xplore 10814876
Proiecte de cercetare câştigate prin competiție	
DIR1	Cercetări privind metode de estimare a biomasei piscicole amenajate (MASPEST), CNMP, PN II MAS PEST 52176/2008, buget 2.000.000 lei

DIR2	Drone Network for Search and Rescue (DEFEND), 212PED/2016, UEFISCDI, PN3-P2-792/2017, buget 475.000 lei (https://uefiscdi.gov.ro/resource-86054)
DIR3	Platform specialized in identifying and evaluating early warning indices for crisis management (ALERT), 27SOL/2021, UEFISCDI, PN3-P2-1168/2021, buget 7.500.000 lei (https://uefiscdi.gov.ro/solutii-2021-10-platforma-specializata-in-identificarea-si-evaluarea-indicilor-de-alerta-timpurie)
DIR4	Combatant Digital (VESTA), 24SOL/2024, UEFISCDI, PN4-P10-10/2024, buget 5.000.000 lei (https://uefiscdi.gov.ro/sol-2023-combatant-digital)
DIR5	Sistem integrat avansat pentru identificarea autovehiculelor, utilizând multiple elemente de recunoaștere / confirmare, bazat pe inteligență artificială (IA), 5SOL/2024, UEFISCDI, PN4-P6-2/2024, buget 2.999.387 lei (din care 557.000 lei pentru partener ATM) (https://uefiscdi.gov.ro/sol-2023-sistem-integrat-avansat-pentru-identificarea-autovehiculelor-utilizand-multiple-elemente-de-recunoastere-confirmare-baz)



