DÎRLOMAN Florin-Marian

Lista lucrărilor științifice

A. Brevete de invenție și alte titluri de proprietate industrială

1. Duldner Monica-Mirela, Coman Alina-Elena, Zaharia Anamaria, Iordache Tanța Verona, Sârbu Andrei, Rotariu Traian, ***Dîrloman Florin-Marian***, Hubca Gheorghe, Damian Celina Maria, ***Compoziții poliester-poliolice pentru poliuretani elastomeri, metoda de obținere a acestora și materiale compozite pentru combustibili solizi de rachete încorporând respectivele compoziții poliester-poliolice***, *A2021-00438/28.07.2021, premiat cu "Medalia de aur" la Salonul Internațional al Cercetării Științifice, Inovării și Inventicii- PRO INVENT, Ediția XX, 26-28 octombrie 2022, Cluj-Napoca.*
2. Istrate Marcel, Rotariu Traian, Toader Gabriela, Moldovan Elena Andreea, Esanu Sorin Răzvan, Pulpea Daniela, ***Dîrloman Florin Marian***, Podaru Alice Ionela, Iordache Tanţa Verona, Gavrilă Ana-Mihaela, **Nanocompozite polimerice biodegradabile, cu proprietăţi peliculogene, destinate decontaminării suprafeţelor şi procedeu pentru obţinerea şi utilizarea acestora,** *A2021-00340/16.06.2021*.

B. Cărți și capitole în cărți

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D. Publicații în extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

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2. Dorin Holeoleo, Traian Rotariu, ***Florin-Marian Dîrloman***, Adrian Rotariu, Aurel Diacon, Bogdan Pulpea, LOVA propellants based on RDX and GAP energetic plasticizers - Part 2, *Proceedings of the 27th International Seminar on New Trends in Research of Energetic Materials*, 2025, Pardubice, Cehia.
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5. Alte lucrări și contribuții științifice

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2. Adrian Rotariu, ***Florin Dîrloman***, Cristiana Epure, Ovidiu Iorga, Mihail Munteanu, Alexandru Marin, Closed vessel testing of a PCL-RDX energetic composite material, *International conference on Materials, Methods & Technologies* **17-20.08.2023**, Burgas, Bulgaria.
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4. ***Florin-Marian Dîrloman***, Traian Rotariu, Gabriela Toader, Aurel Diacon, George-Ovidiu Iorga, Florentina Alexe, Nicoleta Grigoriu, Ioan Călinescu, Novel polyurethane formulations for rocket composite propellants applications, *International conference on Materials, Methods & Technologies* **17-20.08.2023**, Burgas, Bulgaria.
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6. ***F.-M. Dîrloman***, T. Rotariu, T.-V. Ţigănescu, G. Toader, A. Diacon and R.-E. Ginghină, "Eco-Friendly" Composite Rocket Propellants Based on Phase-Stabilized Ammonium Nitrate, *9th International Conference on Materials Science and Technologies – RoMat 2022*, Bucharest, Romania, **24-25.11.2022**.
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