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- Teodora Zecheru, Traian Rotariu, Liviu-Cristian Matache, **Alin-Constantin Sava**, Rodica-Mihaela Lungu, Andreea Voicu, Liviu Cosereanu- *Synthesis and Applications of 3-nitro-1,2,4-triazol-5-one based Hybrid Energetic Compositions,* Revista de chimie, 65, no. 10, Bucureşti, pp. 1186 - 1189, ISSN: 0034-7752
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- **A.C. Sava**, T. Cherecheş, A. Aruş - *The stationary incident motion. modeling around the circle calculus,* International journal of modern manufacturing technologies, pp. 77-82, vol.1, no.1/2009, ISSN 2067-3604 (ISI ranked journal)
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- **Alin-Constantin SAVA,** Doru SAFTA, Ioan ION, Cătălin IONESCU- *Considerations on Terminal Ballistics of Ahead Type Projectiles*, Proceedings of the The 16th International Conference „The Knowledge-Based Organization", "Nicolae Bălcescu" Land Forces Academy and the National Authority for Scientific Research, Sibiu, Romania, November 2527, 2010, pp. 505 - 508, ISSN: 1843-682X (ISI ranked conference)
- T. Cherecheş, Gh. Iubu, **A.C. Sava** - *Advanced hit efficiency and destruction technology aplication in sea border security,* Proceedings of the International Conference „New EU Member States and Security Research", Aerospace and Defence Industries Association of Europe, Bucharest, Romania, November 23-24, 2006;
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- Georgică SLĂMNOIU, Cătălin IONESCU, **Alin-Constantin SAVA** - *Balistics terminal of infantry armament system. Consequences of projectile - target impact,* Proceedings of the 13th International Research/Expert Conference „Trends in the development of machinery and associated technology", TMT 2009, Hammamet, Tunis, October 16 - 21 October, 2009 (indexată ISI)
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- **A.C. Sava**, L. Piticari, I. Vedinaş, G. Surdu - *Analysis by numerical simulation of the high kinetic energy sub-projectiles,* MTA Review, vol.XXII, No.3/2012, ISSN 1843-3391

Anexa nr. 2

LISTA PROIECTELOR DE CERCETARE ŞTIINŢIFICĂ RELEVANTE 2003 - prezent

No.	Project name	Contract no. year
1.	Special technologies for difficult workable materials manufacture needed for armors, with reinforced tools with NCB polycristallin compacts, imposed by the NATO requirements	RELANSIN 1668/2003
2.	Electronical fuse for reactive ammunition with 80 km minimum range, 273 mm cal. (FE273)	RELANSIN 1777/2003
3.	Warhead with bomblets for reactive ammunition with 80 km minimum range, 273 mm cal. (CL273)	RELANSIN 1778/2003
4.	Reactive ammunition with 80 km minimum range, 273 mm cal.	RELANSIN 1779/2003
5.	Container for the storage, transportation and launch of the reactive ammunition 273 mm cal.	RELANSIN 1973/2004
6.	Procedure, methodology and equipment for dynamical tests of different armors	RELANSIN 1967/2004
7.	Artillery instalation for the launch of 273 mm cal. missile	RELANSIN 1970/2004
8.	500 kgf aviation bomb, type MK83	RELANSIN 1977/2004
9.	Reactive engine modernised for AG 7	RELANSIN 1975/2004
10.	High-potential perforation ammunition	RELANSIN 1979/2004
11.	Aviation bomb with an optimal profile	RELANSIN 1957/2004
12.	Sequential electronic fuse for unlethal grenade	SECURITATE 5/2005
13.	Unlethal grenade launcher system for special interventions	SECURITATE 14/2005
14.	Method, systems and infrasound equipments against terrorism threat	SECURITATE 48/2005
15.	Method, equipment and technology for shipwreck removal from navigable rivers or ports	SECURITATE 52/2005
16.	Self-propelled launcher system for meteorological events control	SECURITATE 21R/2005
17.	Advanced research on intermetallic nanocompounds from the interface of the aluminium - carbon fibres composites	CEEX 127/2006
18.	Multifunction complex materials with nanometric structure and controlled features for special destinations	CEEX 143/2006
19.	The design and fabrication of a conventional battle compound to generate an electromagnetical pulse in order to stop C4I systems	CEEX 14/2006
20.	Advanced research in order to produce an AA medium calibre projectile with subammunition, for naval defence	CEEX 21/2006
21.	Development of the testing, evaluating and certifying laboratory for performance and safety features of the guns and ammunition	CEEX 131/2006
22.	Development of the testing, evaluating and certifying laboratory for chemical, physical and stability features of the civilian-military explosive	CEEX 135/2006
23.	Development of the testing, evaluating and certifying laboratory for performance and safety features of the civilian and military explosive	CEEX 141/2006
24.	The sinergic system to launch and recover of the satellite objectives	CEEX 2006
25.	Studies, researchies and implementation of an artileristic firing assisting system on MLRS firing from autostabilzed platforms	PNII 134/2007

No.	Project name	Contract no. year
26.	Innovative technology and processing device for metallic materials through rotative plastic deformation	PNII 230/2008
27.	Non-intrusive inspection system with gamma radiation	PNII 1324/2008
28.	Vehicle blast protection system	PNII 278/2014
29.	Modular composite structures to protect against the complex effects of improvised explosive devices	PNII 283/2014
30.	Small, fast convertible ballistic system for lethal and non-lethal actions	PNII 297/2014