

Titlu proiect: Study of explosion propagation in elongated closed vessels
Categoria de proiect: Proiect de cercetare postdoctorala
Contractul de finanțare: NR. 17/26.04.2013
Manager proiect: Codina Movileanu

Lista rezultate

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII / COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINȚA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
ARTICOLE ISI				
1	<u>C. Movileanu</u> , V. Gosa, D. Razus	Propagation of ethylene-air flames in closed cylindrical vessels with asymmetrical ignition	Process Safety and Environmental Protection	2015, 96, 167–176
ARTICOLE ALTE BAZE DE DATE				
1	<u>C. Movileanu</u> , D. Razus, V. Giurcan and V. Gosa	Pressure evolution of ethylene-air explosions in enclosures	J. Physics, Conf. Series	2014, 530(1)
2	<u>C. Movileanu</u> , D. Razus, M. Mitu, V. Giurcan and D. Oancea	Explosion of $C_2H_4-n_2O-N_2$ in Elongated Closed Vessels	Proc. Eur. Combust. Meeting	2015
CARTI				
1	<u>C. Movileanu</u> , D. Razus, V. Giurcan and V. Gosa	Cap. Flame propagation of ethylene-air mixtures in closed tubes	Transient Combustion and Detonation Phenomena: Fundamentals and Applications, Torus Press,	2014
COMUNICARI ȘTIINȚIFICE NATIONALE				
1				
n				
COMUNICARI ȘTIINȚIFICE INTERNAȚIONALE				
1	<u>C. Movileanu</u> ; D. Razus; V. Giurcan; V. Gosa	Flame propagation of ethylene-air mixtures in closed tubes	Intern. Symp. on Pulsed and Continuous Detonations, St. Petersburg, Rusia	2014
2	<u>C. Movileanu</u> , D. Razus, V. Giurcan and V. Gosa	Explosion parameters of gaseous ethylene-air mixtures in elongated cylindrical vessels	PRIOCHEM IX, Bucharest, Romania	2013
3	C. Movileanu, D. Razus and V. Gosa	Explosion of gaseous ethylene-air mixtures in closed cylindrical vessels with	International Conference of Physical Chemistry - ROMPHYSICHEM	

		asymmetrical ignition	15th edition, Bucharest, Romania	
4	C. Movileanu , V. Giurcan, D. Razus and V. Gosa	Flame propagation in elongated cylindrical vessels with asymmetrical ignition	Eighth Mediterranean Combustion Symposium, Çesme, İzmir, Turkey	2013
5	C. Movileanu, D. Razus, V. Giurcan, V. Gosa	Experimental and Numerical Study of Ethylene Flame Propagation in Enclosures	French Italian Joint Combustion Meeting, Pisa, Italia	2014
6	C. Movileanu, D. Razus, V. Giurcan, V. Gosa	Pressure evolution of ethylene-air explosions in enclosures	XXI Fluid Mechanics Conference, AGH- UST, Krakow, Poland	2014
7	C. Movileanu, V. Giurcan, V. Gosa, D. Razus	Experimental and Numerical Study of Ethylene-Air Flame Propagation in Closed Cylindrical Vessels	International Conference on Heat Transfer and Fluid Flow, Prague, Czech Republic	2014
8	C. Movileanu, D. Razus, M. Mitu, V. Giurcan and D. Oancea	Explosion of C ₂ H ₄ - N ₂ O-N ₂ in Elongated Closed Vessels	7th European Combustion Meeting, Budapest, Hungary	2015
9	C. Movileanu, D. Razus, M. Mitu, V. Giurcan, D. Oancea	Nitrogen influence on flame propagation in C ₂ H ₄ -N ₂ O mixtures	Simpozionul PRIOCHEM 9, Bucuresti, Romania	2015
	ATLASE, DICTIONARE DE SPECIALITATE			
1				
n				
	CERERI BREVET DE INVENTII/BREVET OBTINUT			
		ALTE rezultate		
1				
n				

Lista achizițiilor realizate în cadrul proiectului

Denumire echipament	Categorie de achiziții: (numai mijloace fixe)	Valoarea (lei)	Locație
Imprimanta HP LaserJet Pro MFP M125a-hpcz172a	Imobilizari corporale/ accesorii echipamente	499.00	Institutul de Chimie Fizica I. Murgulescu
COSILAB Licence	Imobilizari necorporale/ licenta	9762.68	Institutul de Chimie Fizica I. Murgulescu
Laptop DELL Inspiron 17R, i7-4500, 8GB, 1TB, 17', ATI HD8870 2G	Imobilizari corporale/ calculatoare	4498.00	Institutul de Chimie Fizica I. Murgulescu
Monitor LED-LCD Philips	Imobilizari corporale/ accesorii echipamente	602.00	Institutul de Chimie Fizica I. Murgulescu
Fujitsu Desktop PC Esprimo P410, Core i5-3340	Imobilizari corporale/ calculatoare	1963.02	Institutul de Chimie Fizica I. Murgulescu
Microsoft OFFICE HOME&BUSINESS 2013 32 bit/x64 English Media	Imobilizari necorporale/ licenta	1032.99	Institutul de Chimie Fizica I. Murgulescu
Licenta Windows 7 Professional SP1 64 BIT OEM EN DVD	Imobilizari necorporale/ licenta	645.99	Institutul de Chimie Fizica I. Murgulescu
COSILAB Licence	Imobilizari necorporale/ licenta	4781.83	Institutul de Chimie Fizica I. Murgulescu
Dell Vostro 470/I5- 3450/4G/500G/WIFI/FDD EXT	Imobilizari corporale/ calculatoare	3645.60	Institutul de Chimie Fizica I. Murgulescu
Multifunctionala cu laser HPLJ M1132/600 DPI/18 PPM	Imobilizari corporale/ accesorii echipamente	529.48	Institutul de Chimie Fizica I. Murgulescu

Denumire echipament	Categorie de achiziții: (numai mijloace fixe)	Valoarea (lei)	Locație
Monitor LED-LCD 21.5” Philips 226V4LSB/00/10.000.000:1/5MS/BK	Imobilizari corporale/accesorii echipamente	499.72	Institutul de Chimie Fizica I. Murgulescu
AFCS-010133 Debitmetru MASS FLOW CONTROLER, configuratie 3NC	Imobilizari corporale/accesorii echipamente	6352.07	Institutul de Chimie Fizica I. Murgulescu
Licenta OFFICE 2013 HOME&BUSINESS ENG	Imobilizari necorporale/licenta	1035.40	Institutul de Chimie Fizica I. Murgulescu
LICENTA WINDOWS 7 HOME PREMIUM SP1 64 BIT OEM ENG DVD	Imobilizari necorporale/licenta	478.64	Institutul de Chimie Fizica I. Murgulescu

**Director proiect,
Codina Movileanu**