



INSTITUTUL NAȚIONAL DE CERCETARE – DEZVOLTARE PENTRU
TEHNOLOGII IZOTOPICE ȘI MOLECULARE
Cluj-Napoca, Str. Donath 65-103, C.P. 700, 400293 Cluj-Napoca 5,
Telefon: 0264 584037, Fax: 0264 420042, E-mail: itim@oc1.itim-cj.ro

RAPORT DE AUTOEVALUARE
perioada 2002-2006

1. Datele de autentificare ale unității de cercetare-dezvoltare

- 1.1. Denumirea:** INSTITUTUL NAȚIONAL DE CERCETARE-DEZVOLTARE PENTRU TEHNOLOGII IZOTOPICE ȘI MOLECULARE CLUJ-NAPOCA
- 1.2. Statutul juridic:** INSTITUT NAȚIONAL DE CERCETARE-DEZVOLTARE
- 1.3. Actul de înființare:** HG 408/1999 act de înființare al institutului național și HG 1401/2005 aprobarea regulamentului de organizare și funcționare.
- 1.4. Numărul de înregistrare** în Registrul potențialilor contractori: 1365.
- 1.5. Director general:** Dr. ing. Adrian Bot.
- 1.6. Adresa:** Cluj-Napoca, Str. Donath 65-103, cod 400293
- 1.7. Telefon, fax, pagina web, e-mail:** 0264 584037; 0264 420042; www.itim-cj.ro; itim@itim-cj.ro

2. Domeniul de specialitate

- 2.1. Conform clasificării UNESCO:** 2206; 2207.13; 2207.16; 2210; 2211; 2301; 2406
- 2.2. Conform clasificării CAEN:** 7310

3. Starea unității de cercetare-dezvoltare

3.1. Misiunea unității de cercetare-dezvoltare:

Cercetări fundamentale și aplicative în domeniul

- fizicii izotopilor stabili
- fizicii moleculare
- biofizicii
- fizicii stării condensate în medii molecular

Dezvoltarea tehnologică în domeniul

- separării izotopilor stabili
- producerea de compuși marcați cu izotopi stabili
- dezvoltarea de aplicații analitice și tehnologice ale izotopilor stabili
- proiectarea și producerea de echipament științific caracteristic domeniului.

Direcțiile de cercetare, dezvoltare, inovare:

1. Separări de izotopi și compuși marcați cu izotopi stabili.

2. Aplicații ale izotopilor stabili.
3. Spectrometrie de masă organică, cromatografie și fizica ionilor, spectrometrie de masă cu ionizare termică și de raport izotopic.
4. Sisteme fizice aplicate, reprezentând elaborarea de aparatură analitică miniaturizată, optică ionică și proiectare-realizare de echipamente științifice.
5. Materiale multifuncționale nanostructurate.
6. Materiale și tehnologii pentru producerea și stocarea hidrogenului.
7. Sisteme moleculare și biomoleculare cu arhitectură și funcționalitate controlată: caracterizare fizico-chimică și structurală, precum și aplicații în domeniul tehnologiilor moleculare și biotehnologiilor.
8. Noi metode și tehnici de investigare și caracterizare a mediilor moleculare și a biosistemelor.

3.2. Modul de valorificare a rezultatelor de cercetare, dezvoltare, inovare și gradul de recunoaștere a acestora (maximum 1.000 de caractere):

Rezultatele cercetărilor din institut sunt exemplificate prin:

1. Compuși marcați cu izotopi stabili (^{15}N și D) livrați în țară și la export.
2. Cromatografe de gaze și de proces pentru industria chimică și pentru CNE Cernavodă.
3. Spectrometre de masă pentru analiza deuteriului (linie de 12 spectrometre la ROMAG Drobeta-Turnu Severin).
4. Sistem pentru tratamente în câmp de microunde de putere.
5. Instalație pentru producerea nanostructurilor de carbon prin metoda descompunerii catalitice a hidrocarburilor.
6. Componente pentru cromatografe și spectrometre de masă.
7. Gaze pure și amestecuri de gaze etalon.
8. Analize izotopice și determinări de structuri moleculare prin cuplaj gaz cromatograf-spectrometru de masă.
9. Cromatograf pentru analize la temperaturi joase LTCG 2006.

3.3. Situația financiară - datorii la bugetul de stat:

În perioada 2002-2006 institutul a încheiat fiecare an cu profit, nu a înregistrat în nici un an datorii la bugetul de stat.

4. Criterii primare de performanță

Punctaj

4.1. Lucrări științifice/tehnice publicate în reviste de specialitate cotate ISI*4)

4.1.1. Număr de lucrări științifice: 179

$$179 \times 30 = 5.370,000$$

4.1.2. Punctaj cumulat ISI*5): 249,725

$$249,725 \times 5 = 1.248,625$$

4.1.3. Număr de citări în reviste de specialitate cotate ISI*6): 277

$$277 \times 5 = 1.385,000$$

(Lista lucrărilor și citărilor, grupate pe ani, se atașează ca anexa nr. 4.1)

Total punctaj cap. 4.1:

8.003,625

4.2. Brevete de invenție^{*7)}

4.2.1. Număr de brevete: 6

6 x 30 = 180,000

4.2.2. Număr de citări de brevete în sistemul ISI 0

0 x 5 = 0

(Lista brevetelor și citărilor, grupate pe ani, se atașează ca anexa nr. 4.2)

Total punctaj cap. 4.2: 180,000

4.3. Produse și tehnologii rezultate din activități de cercetare, bazate pe brevete, omologări sau inovații proprii. Studii prospective și tehnologice și servicii rezultate din activitatea de cercetare-dezvoltare, comandate de beneficiar (Se indică contractul și firma care utilizează produsul, serviciul și tehnologia).

4.3.1. Număr de produse, tehnologii, studii, servicii: 33

(Lista produselor, serviciilor și tehnologiilor, grupate pe ani, se atașează ca anexa nr. 4.3)

Total punctaj cap. 4.3: 33 x 20 = 660,000

Total punctaj cap. 4:

8843,625

5. Criterii secundare de performanță

5.1. Lucrări științifice (tehnice) publicate în reviste de specialitate^{*8)} fără cotație ISI

5.1.1. Număr de lucrări: 206

(Lista lucrărilor grupate pe ani se atașează ca anexa nr. 5.1)

Total punctaj cap. 5.1: 206 x 5 = 1.030,000

5.2. Lucrări științifice prezentate la conferințe internaționale cu comitet de program

5.2.1. Număr de comunicări prezentate: 281

(Lista comunicărilor grupate pe ani se atașează ca anexa nr. 5.2)

Total punctaj cap. 5.2: 281 x 5 = 1.405,000

5.3. Modele fizice, modele experimentale, modele funcționale, prototipuri, normative, proceduri, metodologii, reglementări și planuri tehnice noi sau perfecționate, realizate în cadrul programelor naționale sau comandate de beneficiar

5.3.1. Număr de modele, normative, proceduri etc.: 130

(Lista modelelor, normativelor etc., grupate pe ani, se atașează ca anexa nr. 5.3)

Total punctaj cap. 5.3: 130 x 5 = 650,000

Total punctaj cap. 5:

3.085,000

6. Prestigiul profesional

6.1. Membri (incluzînd statutul de recenzor) în colectivele de redacție ale unor reviste (cotate ISI sau incluse în baze de date internaționale) sau în colective editoriale ale unor edituri internaționale recunoscute (anexa 6.1)

Număr de prezențe în perioada pentru care se face evaluarea: 39

$$39 \times 20 = 780,000$$

2. Membri în colectivele de redacție ale revistelor recunoscute național (din categoria B în clasificarea CNCSIS) (anexa 6.2.)

Număr de prezențe: 2

$$2 \times 10 = 20,000$$

3. Premii internaționale obținute printr-un proces de selecție (anexa 6.3)

Număr de premii: 3

$$3 \times 20 = 60,000$$

4. Premii naționale ale Academiei Române

Număr de premii: 0

$$0 \times 20 = 0,000$$

5. Conducători de doctorat, membri ai unității de cercetare (anexa 6.5)

Număr de conducători de doctorat: 4

$$4 \times 10 = 40,000$$

6.6. Număr de doctori în știință, membri ai unității de cercetare

(Lista membrilor institutului care au titlul de doctor în știință – anexa 6.6)

Număr de doctori în știință: 63

$$63 \times 10 = 630,000$$

Total punctaj cap. 6:	1.530,000
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Total punctaj cap. 4+5+6:	13.458,625
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7. Venituri realizate prin contracte de cercetare în domeniul pentru care se face evaluarea (în perioada pentru care se face evaluarea):

7.1. Numărul și valoarea contractelor de cercetare internaționale finanțate din fonduri publice (anexa 7.1. Export compuși marcați AIEA)

2002:	valoare	705.836 lei
2003:	valoare	431.625 lei
2004:	valoare	53.524 lei
2005:	valoare	66.269 lei
2006:	valoare	12.910 lei

Contracte FP 6:

Rețea NANOFUNPOLY 2004-2008

2004: 2500 EURO

2005: 5000 EURO

2006: 5000 EURO

Proiect STREP: NEPTUNE 2006-2010

2006: 2500 EURO

7.2. Numărul și valoarea contractelor de cercetare internaționale finanțate din fonduri private:

2002: 2contracte, valoare 30971 lei
 2003: 1contract, valoare 3308 lei
 2004: -
 2005: -
 2006: -

7.3. Numărul și valoarea contractelor de cercetare naționale finanțate din fonduri publice*10):

Program	Nr. de contracte (proiecte) / Valoare (lei)				
	2002	2003	2004	2005	2006
Orizont 2000	18 / 900800	-	-	-	-
PNCDI	23 / 548149	34 / 1244581	65 / 2520831	46 / 2077054	30 / 1573002
CEEX	-	-	-	33 / 2339397	67 / 8186774
Nucleu	-	7 / 741789	7 / 956500	10 / 1115800	12 / 2686000
Granturi	10 / 28700	6 / 19340	7 / 57800	5 / 60976	4 / 104500
EUREKA	1 / 100000	1 / 85000	1 / 65000	-	-

7.4. Numărul și valoarea contractelor de cercetare naționale finanțate din fonduri private:

2002: -
 2003: 2 contracte, valoare 17229 lei
 2004: 1 contract, valoare 19780 lei
 2005: 3 contracte, valoare 22872 lei
 2006: 1 contract, valoare 2532 lei

7.5. Alte surse:

2002: valoare 1425 lei
 2003: valoare 4862 lei
 2004: valoare 19068 lei
 2005: valoare 23027 lei
 2006: valoare 10279 lei

7 bis. Venituri realizate din activități economice (servicii, microproducție):

Activitatea	Voloarea comenzilor (lei)				
	2002	2003	2004	2005	2006
Componente aparatură	30217	64210	71598	84545	49453
Analize prin cromatografie	8108	16866	8827	3809	9959
Analize prin spectrometrie de masă	3728	10400	9325	8627	26812
Analize prin alte metode	4167	2900	5526	3287	-
Compuși marcați cu Deuteriu	12329	12498	11850	9590	5392
Amestecuri de gaze pure	4617	5696	8318	8492	7189

8. Resursa umană de cercetare (situația va fi prezentată pe ani) (Anexa 8.1)

8.1. Total personal de cercetare care realizează venituri din activitatea de cercetare-dezvoltare/ din care doctori în știință:

	2002	2003	2004	2005	2006
Total personal de cercetare: din care doctori în știință	120/43	115/48	112/46	113/49	141/63

8.1.1. Cercetători științifici gradul 1 (profesori)/ din care doctori în știință:

	2002	2003	2004	2005	2006	Nr. mediu
Cercetători științifici gradul 1și IDTI/ din care doctori în știință:	18/18	20/20	20/20	25/25	30/26	22,6

8.1.2. Cercetători științifici gradul 2 (conferențieri)/ din care doctori în știință:

	2002	2003	2004	2005	2006	Nr. mediu
Cercetători științifici gradul 2/ din care doctori în știință:	19/18	21/20	20/19	18/17	21/20	19,8

8.1.3. Cercetători științifici gradul 3 (lectori)/ din care doctori în știință:

	2002	2003	2004	2005	2006	Nr. mediu
Cercetători științifici gradul 3/ din care doctori în știință:	27/7	23/8	29/7	24/4	29/15	26,4

8.1.4. Cercetători științifici/ din care doctori în știință:

	2002	2003	2004	2005	2006	Nr. mediu
Cercetători științifici / din care doctori în știință:	12/0	7/0	11/0	10/1	11/0	10,2

Număr mediu personal atestat:

79

8.1.5. Asistenți de cercetare:

	2002	2003	2004	2005	2006
Asistenți de cercetare / din care doctori în știință:	12/0	12/0	6/0	13/2	20/2

8.1.6. Total personal auxiliar de cercetare angajat:

	2002	2003	2004	2005	2006
Personal auxiliar de cercetare	32	32	26	23	34

8.2. Date privind perfecționarea resursei umane

8.2.1. Număr de doctoranzi și masteranzi care lucrează în unitatea de cercetare-dezvoltare la data completării formularului:
(Anexa 8.2.1)

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Număr de teze de doctorat realizate în unitatea de cercetare-dezvoltare în
 perioada pentru care se face evaluarea: 12

Nr. crt.	Nume	Titlul tezei de doctorat
2002		
1.	Cristina Michaela Muntean	<i>Studii privind modificarea structurii și proprietăților dinamice ale moleculei de ADN</i> Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Fizică
2003		
2.	Camelia Neamțu	<i>Materiale utilizate în detecția de radiație și caracterizate prin metode fototermice</i> Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Fizică
3.	Xenia Claudia Filip	<i>Investigarea structurii și dinamicii moleculare folosind metode moderne ale spectroscopiei RMN</i> Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Fizică
2004		
4.	Adriana Paula Popa	<i>Elaboration et caracterisation de nanostructures magnétiques</i> Université Joseph-Fourier - Grenoble I, France
5.	Atila Bende	<i>The BSSE-Free Study of Electronic Structure, Force Constants and Harmonic Vibrational Frequencies</i> Faculty of Natural Sciences, Theoretical Physics Department, University of Debrecen, Ungaria
6.	Lorelai Ciortea	<i>Development of Water Migration Measurement Techniques in Soft and Non-Compact Materials</i> London South Bank University, Department of Photophysics, London, UK
2005		
7.	Cezara Voica	<i>Sisteme oxidice formatoare de acoperiri ceramice</i> Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Chimie și Inginerie Chimică
8.	Alexandrina Nan	<i>Contribuții la sinteza și stereochimia unor noi derivați ai: 1-tia-3-oxa; 1,3-dioxa; 1-oxa-3-aza ciclohexanului</i> Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Chimie și Inginerie Chimică
9.	Maria-Loredana Soran	<i>Thiophosphoric acids' derivatives as extracting agents in extraction chromatography</i> Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Chimie și Inginerie Chimică
10.	Calin-Gabriel Floare	<i>Dynamique réactionnelle dans des environnements restreints</i> Université Joseph-Fourier - Grenoble I, France
11.	Petru Berdea	<i>Fracționări izotopice D/H ale apei la plante, in vitro</i> Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Fizică
2006		

12.	Oana-Laura Raita	<i>Dinamica de spin investigată prin RES în manganiți cu magnetorezistență colosală</i> Universitatea Babeș-Bolyai din Cluj-Napoca, Facultatea de Fizică
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9. Infrastructura de cercetare-dezvoltare

9.1. Laboratoare de cercetare-dezvoltare:

Nr. crt.	Denumirea laboratorului
1.	<i>Laboratorul de Spectrometrie de Masă, Cromatografie și Fizica Ionilor</i>

Domeniul în care este acreditat (depus documentația de acreditare la RENAR în data de 30.09.2007)

Acreditarea conform ISO 17025/2005 pentru metodele:

- metodă de determinare a urmelor de metale grele în apă prin spectrometrie de masă cu plasmă cuplată inductiv
- metodă de determinare a poluanților organici volatili în apă prin cuplaj cromatograf de gaze-spectrometru de masă
- metodă de autentificare a vinurilor prin spectrometrie de masă de raport izotopic

Lista echipamentelor performante achiziționate în ultimii 10 ani:

Nr. crt.	Echipamentul	Anul fabricației	Valoarea	Sursa de finanțare a investiției
1	Termostat	1977	4885	Surse proprii
2	Cromatograf de gaze	1988	10309	Surse proprii
3	Sistem de măsură debite bioxid de sulf	1988	8577	Surse proprii
4	Vacuummetru de precizie	1988	5281	Surse proprii
5	Potențiostat cu sistem de achiziție	1999	5965	Surse proprii
6	Refluxor oxizi de azot	1999	7985	Surse proprii
8	Pompa turbomoleculară	2000	31082	Surse proprii
9	Cromatograf de gaze	2000	12000	Surse proprii
10	Sistem de refluxare oxizi de azot	2001	30096	Surse proprii
11	Coloană pentru separare ^{15}N	2002	46000	Surse proprii
12	Refluxor conversie acid	2002	67751	Surse proprii
13	Unități de alimentare și protecție modernizare ATLAS	2003	90000	Fond special
14	Unitate de control instalație ^{15}N	2003	39600	Fond special
15	Spectrometru UV-VIS	2004	65156	Fond special
16	Echipament microcentrală	2004	93000	Fond special

	termică			
17	Servere de comunicație	2005	24920	Proiect
18	Centrifugă și etuvă de laborator	2005	17131	Proiect
19	Spectrometru FT-IR	2005	106714	Proiect
20	Sistem cromatograf cuplat cu spectrometru de masă	2005	213392	Fonduri externe avans și leasing surse proprii
21	Gaz-cromatograf GC 2010	2005	126121	Proiect
22	Echipament microcentrală I	2005	87058	Fond special
23	Echipament microcentrală II	2005	61636	Fond special
24	Termometru pirometric	2006	10864	Proiect
25	Spectrometru UV-VIS-NIR	2006	64780	Proiect
26	Spectrometru de masă DELTA	2006	755560	Fond special
27	Analizor de gaze	2006	20106	Proiect
28	Nișă chimică	2006	25002	Proiect
29	Laser He-Ne și sistem micrometric de poziționare	2006	29853	Proiect
30	Calorimeru de scanare	2006	80278	Proiect
31	Controler de temperatură	2006	59171	Proiect
32	Aparat pentru măsurarea intensității câmpului magnetic	2006	48038	Proiect
33	Liofilizator	2006	29283	Proiect
34	Analizor vectorial	2006	355562	Proiect
35	Stație de pompare turbomoleculară	2006	30027	Proiect
36	Vacuummetru de precizie	2006	17626	Proiect
37	Sistem goniometric	2006	173852	Proiect
38	Sistem de achiziție date și servere	2006	36996	Proiect
39	Spectrometru de masă cu plasmă cuplată inductiv	2006	369311	Proiect
40	Țimplărie PVC cu termopan	2006	168847	Fond special
41	Microcentrală termică III	2006	54162	Fond special
42	Modernizare rețea calculatoare	2006	43931	Fond special
43	Instalație produs azot lichid	2006	535050	Fond special
44	Cap de probă RMN pe solide	2007	173274	Proiect
45	Cavitate rectangulară	2007	54628	Proiect
46	Osciloscop digital	2007	61737	Proiect
47	Cromatograf de lichide	2007	85676	Proiect
48	Accesorii spectrometru DELTA	2007	501007	Proiecte
49	Manometru diferențial	2007	23280	Proiect
50	Sistem de obținere apă ultrapură	2007	15715	Proiect
51	Servere GRID	2007	52579	Proiect
52	Sferă integratoare	2007	51333	Proiect

53	Unitate de control a temperaturii	2007	31320	Proiect
54	Spectrofluorimetru digital	2007	124552	Proiect
55	Interfață	2007	41344	Proiect
56	Detector de neetanșeități cu hidrogen	2007	44775	Proiect
57	Înregistrator	2007	10150	Proiect
58	Trusă pentru analiza calității apei	2007	27367	Proiect
59	Colector automat de fracțiuni	2007	23864	Proiect
60	Cuptor de calcinare	2007	15803	Proiect
61	Balanță analitică de precizie	2007	11667	Proiect

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*1) Se menționează forma de organizare și persoana juridică: dacă unitatea de cercetare-dezvoltare nu are personalitate juridică, se menționează denumirea instituției cu personalitate juridică care o reprezintă

*2) Se menționează titlul actului, data emiterii, organul emitent și, după caz, modificările ulterioare.

*3) Domeniile de clasificare UNESCO pot fi accesate la www.mct.ro/ancs.

*4) Indexate de Thomson Scientific [fost Institute for Scientific Information (ISI) în Science Citation Index Expanded, Social Sciences Citation Index sau Arts & Humanities Citation Index].

*5) Punctajul ISI se obține prin însumarea factorilor de impact ai publicațiilor respective. Factorii de impact pot fi accesati la www.cimec.org.ar.

*6) Sunt excluse autocitățile.

*7) Se specifică dacă brevetul este național/internațional (USPTO, EPO, JPO) și numărul brevetului.

*8) În cazul revistelor românești, sunt luate în considerare cele cotate CNCSIS, categoria B (vezi www.cnscis.ro).

*9) Valori defalcate pe ani și valoarea totală în euro.

*10) Datele vor fi prezentate pe tipuri de programe (PNCDI, CEEX, granturi etc.); valorile contractelor vor fi defalcate pe ani.

1. Jover, E, Moldovan, Z, Bayona, JM, *Complete characterisation of lanolin steryl esters by sub-ambient pressure gas chromatography-mass spectrometry in the electron impact and chemical ionisation modes*. JOURNAL OF CHROMATOGRAPHY A, 970 (1-2), pp. 249-258, 2002

Factor de impact-ISI - [3.098]

Citari: 5

1. Domínguez, C., Jover, E., Bayona, J.M., Erra, P., *Description of lanolin by preparative TLC, TLC-FID and GC-MS | [Caracterización de cera de lana mediante las técnicas TLC preparativa, TLC-FID y CG-MS]*, Revista de Química Textil (176), pp. 64-68, 2006
2. Jover, E., Domínguez, C., Erra, P., Bayona, J.M., *Comparative characterization of a wool-wax extract by two complementary chromatographic techniques*, Journal of Cosmetic Science 57 (1), pp. 23-35, 2006
3. Caboni, M.F., Iafelice, G., Pelillo, M., Marconi, E., *Analysis of fatty acid steryl esters in tetraploid and hexaploid wheats: Identification and comparison between chromatographic methods*, Journal of Agricultural and Food Chemistry 53 (19), pp. 7465-7472, 2005
4. Jover, E., Ábalos, M., Ortiz, L., Bayona, J.M., *Volatile fatty acids as malodorous compounds in wool scouring water and lanolin. Origin and characterization*, Environmental Technology 24 (12), pp. 1465-1470, 2003
5. Domínguez, C., Jover, E., Garde, F., Bayona, J.M., Erra, P., *Characterization of supercritical fluid extracts from raw wool by TLC-FID and GC-MS*, JAOCS, Journal of the American Oil Chemists' Society 80 (7), pp. 717-724, 2003

2. Moldovan, Z, Jover, E, Bayona, JM, *Systematic characterisation of long-chain aliphatic esters of wool wax by gas chromatography-electron impact ionisation mass spectrometry*. JOURNAL OF CHROMATOGRAPHY A, 952 (1-2), pp. 193-204, 2002

Factor de impact-ISI - [3.098]

Citari: 7

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Factor de impact ISI total 2002:	32,444
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Factor de impact ISI total 2005:	40,158
Număr total de citări 2005:	32

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Factor de impact-ISI - [2.321]

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Factor de impact-ISI - [3.047]

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Factor de impact-ISI - [0.518]

Citari: 0

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Factor de impact-ISI - [1.106]

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Factor de impact-ISI - [1.106]

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Citari: 0

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Factor de impact-ISI - [1.153]

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Factor de impact-ISI - [1.164]

Citari: 0

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Factor de impact-ISI - [0.596]

Citari: 0

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Factor de impact-ISI - [0.172]

Citari: 1

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73 (5), pp. 447-451, 2006

Factor de impact-ISI - [1.161]

Citari: 0

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Factor de impact-ISI - [2.945]

Citari: 0

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Factor de impact-ISI - [0.315]

Citari: 0

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Factor de impact-ISI -[0.287]

Citari: 0

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Citari: [8]

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Factor de impact-ISI-[0.596]

Citari: [0]

Total lucrări 2006:	36
Factor de impact ISI total 2006:	59,102
Număr total de citări 2006:	24

TOTAL LUCRĂRI 2002-2006:	179
FACTOR DE IMPACT ISI TOTAL 2002-2006:	249,725
NUMĂR TOTAL DE CITĂRI 2002-2006:	277

Nr. crt.	An	Număr de înregistrare brevet	Autori	Titlu brevet	Țara
1	2002	117627B / 2002	Evelina Palibroda, Viorel Cosma, Gheorghe Mihăilescu, Lucia Miron	Procedeu de obținere a unui strat dur de oxid de aluminiu	Romania
2	2002	117308 B / 2002	Evelina Palibroda, Emil Indrea, Viorel Cosma, Lucia Miron	Procedeu de obținere a unui strat dur de oxid de aluminiu izolator electric pe un suport de Al 99,5 sau aliaj de aluminiu	Romania
3	2004	11927B1 / 2004	A.R. Biriș, D. Lupu, I. Mișan, P. Mărginean, I.F. Toma	Compoziție pentru realizarea electrozilor de hidrură din acumulatori electrici alcalii și procedeu de obținere a acestora	Romania
4	2004	A/00942 / 27.10.2004	E. Surducan, V. Surducan	Procedeu și instalație pentru procesare dinamică a substanței în câmp de microunde de putere	Romania
5	2006	06 09131 / 18.10. 2006 (CEA-Saclay, France)	M. Collot, J.-M. Mallet, L. Mauclair, C. Fajolles, M. Roux, Maria Chiriac	Cyclodextrines amphiphiles à base de cyclodextrines polysubstituées par des polycycles naturels	France, Romania
6	2006	RO00116515	E. Surducan, V. Surducan	The process and device for heating fluids without dielectric losses	Romania

Nr. crt.	Beneficiar	Valoare lei	Obiectul contractului	Rezultat
2002				
1.	Institutul de Chimie “Raluca Ripan” Cluj-Napoca	1000,00	“Studii privind caracterizarea unor materiale catalitice pe bază de oxizi metalici”	servicii
2.	I.N.C.D.T.C.I.-I.C.S.I. Râmnicu Vâlcea	1500,00	“Analize izotopice de extracte biologice”	servicii
3.	Institutul de Chimie “Raluca Ripan” Cluj-Napoca	500,00	“Studii privind caracterizarea unor materiale catalitice pe bază de oxizi metalici”	servicii
4.	Palfinger Hebetechnik GmbH	29085,98	Unitate de poziționare suprafețe	produs
Total		32085,98		
2003				
1.	I.N.C.D.T.C.I.-I.C.S.I. Râmnicu Vâlcea	3000,00	“Analize izotopice de extracte biologice”	servicii
2.	I.N.C.-D.F.I.N. ”Horia Hulubei” București	2500,00	Consultanță tehnico-științifică privind realizarea controlului de calitate a elementelor de legătură a modulelor calorimetrului hadronic central ATLAS	servicii
3.	I.N.C.-D.F.I.N. ”Horia Hulubei” București	4500,00	Efectuarea de măsurători asupra grinzilor și elementelor de legătură a modulelor calorimetrului hadronic central ATLAS	servicii
4.	S.C. Dafora Service SA Mediaș	13582,00	Elaborare și execuție componente pentru gaz-cromatografie (cf. anexă)	produs
5.	S.C. Dafora Service SA Mediaș	3647,03	Elaborare si executie componente pentru gaz-cromatografie(cf.anexa)	produs
6.	Institutul de Chimie “Raluca Ripan” Cluj-Napoca	1050,00	Navete pentru sensidiscuri	produs
7.	Institutul de Chimie “Raluca Ripan” Cluj-Napoca	1168,97	Carcasă aparat de impregnat sensidiscuri	produs
8.	Palfinger Hebetechnik GmbH	3307,53	Proiectare, concepție și execuție unitate de urmărit suprafețe	produs
Total		32755,53		
2004				

1.	Institutul de Chimie “Raluca Ripan” Cluj-Napoca	1154,12	Elevator	produs
2.	I.N.C.D. Fizica Materialelor București	8000,00	Elaborare, execuție și testare incintă vid înalt pentru depuneri straturi subtiri (cf. anexă)	produs
3.	S.C. Dafora Service SA Mediaș	19780,00	Elaborare și execuție componente pentru gaz-cromatografie (cf. anexă)	produs
4.	I.N.C.D.T.C.I.-I.C.S.I. Râmnicu Vâlcea	9000,00	Studiul de prefezabilitate pentru investiția “Instalație de fabricare 18O”	servicii
5.	Institutul de Cercetări Nucleare Pitești	8000,00	“Studiu privind separarea izotopică prin schimb între soluție apoasă și amalgam pulverizat”	servicii
6.	I.NC.-D.F.I.N. ”Horia Hulubei” București	2000,00	“Contribuții la construcția, testarea și evaluarea potențialului de investigare al detectorului ATLAS”	servicii
Total		47934,12		
2005				
1.	S.C. Terapia SA Cluj-Napoca	1088,97	“Investigații asupra structurii compusului chimic X1”	servicii
2.	DORNA APEMIN SA	20512,97	“Determinări de concentrații izotopice de deuteriu și 18O în probe de precipitații și apă minerală”	servicii
3.	Institutul de Chimie “Raluca Ripan” Cluj-Napoca	2500,00	“Caracterizarea prin difracție de raze X a unor materiale oxidice cu proprietăți catalitice”	servicii
4.	I.N.C.-D.F.I.N. ”Horia Hulubei” București	1500,00	Coordonarea la CERN Geneva a unor activități de asamblare și testare a calorimetrului hadronic, parte componentă a detectorului ATLAS	servicii
5.	I.N.C.D. Fizica Laserilor, Plasmei și Radiațiilor București-Măgurele	6500,00	“Elaborare, execuție și testare camera de reacție”(cf. anexă)	produs
6.	I.N.C.D.F.M. București-Măgurele	3100,00	Evaporator de înaltă temperatură pentru metale, funcționînd cu bombardament electronic	produs
7.		3000,00	Cuptor de înaltă temperatură pentru evaporare metale și compuși, cu încălzire rezistivă directă	produs

8.	S.C. Terapia SA Cluj-Napoca	1270,59	“Investigații asupra structurii compusului chimic X2”	servicii
	Total	39471,94		
2006				
1.	Universitatea Babeș-Bolyai, Facultatea de Chimie și Inginerie Chimică, Catedra de Chimie Fizică Cluj-Napoca	1680,68	Studiul prin metoda BET al unor nanostructuri pe bază de oxizi metalici	servicii
2.	Universitatea Babeș-Bolyai, Facultatea de Chimie și Inginerie Chimică, Catedra de Chimie Fizică Cluj-Napoca	1100,00	Studiul prin metoda BET al unor nanostructuri pe bază de C-aerogel	servicii
3.	I.N.C.D.F.M. București-Măgurele	4500,00	Realizarea dispozitivului “Sistem de introducerea probelor în incinta de vid înalt, prevăzut cu manipulator”	produs
4.	S.C. Rokura Aplicații Industriale SRL București	2531,93	“Investigații asupra stabilității în timp a gazelor de electroliză”	servicii
5.	Institutul de Sănătate Publică “Prof. Dr. Iuliu Moldovan” Cluj-Napoca	2475,00	Execuția, montarea și testarea liniei de alimentare cu azot a nișei de laborator	produs
6.	I.N.C.D.F.M. București-Măgurele	6672,00	Proiectarea și realizarea lucrărilor: ”Ansamblu montură pentru sursa de electroni, cu sistem de răcire” și “Ansamblu tijă reglabilă ecran”(cf. anexă)	produs
7.	I.N.C.D. Fizica Laserilor, Plasmei și Radiațiilor București-Măgurele	9500,00	“Accesorii pentru incinta de vid” (cf. anexă)	produs
	Total	28459,61		
TOTAL GENERAL 2002-2006		180707,18		

Lista serviciilor realizate în perioada 2002-2006

Nr. crt.	Client	Comanda	Data	Modul de lucru	Nr. probe
Anul 2002					
1.	SC ICPAO SA – Mediaș	1572	29.08.2002	Py-GC/MS	1
2.	SC ICPAO SA – Mediaș	1679	17.09.2002	Py-GC/MS	4
3.	CCP BIOS – Cluj-Napoca	1937	22.10.2002	MS	3
4.	Lab. Interjudețean de Expertize Criminalistice – Cluj	1949	23.10.2002	MS	4
5.	ICRC – Cluj-Napoca	2034	06.11.2002	GC	1
6.	COMINEX Nemetaliere – Căpușu Mare	2330	16.12.2002	MS	1
7.	SC Tehnofrig SA – Cluj-Napoca	172	25.01.2002	GC	4
8.	Grup 4 Instalatii SA – Cluj-Napoca	190	29.01.2002	GC	2
9.	Agenția Romcontrol – Cluj-Napoca	213	31.01.2002	GC	1
10.	INC-DTCI-ICSI – Râmnicu Vâlcea	273	08.02.2002	Intervenție	
11.	SC Samiflor SRL – Cluj-Napoca	335	19.02.2002	GC	1
12.	SC CIG SA – Câmpia Turzii	496	14.03.2002	Prep.Col	2
13.	Agenția Romcontrol – Cluj-Napoca	614	29.03.2002	GC	1
14.	SC Mckay Infoserv SRL – Cluj-Napoca	978	23.05.2002	GC	1
15.	Universitatea “Babeș-Bolyai” – Cluj-Napoca	1014	27.05.2002	GC	1
16.	Universitatea “Babeș-Bolyai” – Cluj-Napoca	1119	13.06.2002	Punere funcțiune GC	
17.	SC Arfam SRL – Cluj-Napoca	1367	22.07.2002	GC	1
18.	SPG Petrom SA – Marghita	1961	25.10.2002	Intervenție	
19.	ICRR – Cluj-Napoca	2034	06.11.2002	GC	1
20.	INCD ICSI – Râmnicu Vâlcea	2048	7.11.2002	MS	
21.	SC AXE TRISTAR SRL Borsec	06	18.06.2002	MS	
22.	INCD ICSI – Râmnicu Vâlcea	4397	2002		
Anul 2003					
1.	SC TERAPIA SA – Cluj-Napoca	66	15.01.2003	MS	3
2.	CIG – Câmpia Turzii	133	27.01.2003	GC/MS	1
3.	Bilanțul de mediu și studii de impact – Sibiu	286	13.02.2003	MS	1
4.	Primăria – Câmpulung Moldovenesc	442	11.03.2003	GC/MS	2
5.	SC TRUST NORS SA – Gura Humorului	441	11.03.2003	GC/MS	2
6.	Centrul de Mediu și Sănătate – Cluj	431	07.03.2003	GC	5
7.	SC MONTANA SA – Câmpulung Moldovenesc	729	10.04.2003	GC/MS	1
8.	SC MONTANA SA – Câmpulung Moldovenesc	730	10.04.2003	GC/MS	1
9.	SC ROMALFA SA – Câmpulung Moldovenesc	920	9.05.2003	GC	1

10.	VIROMET SA – Victoria	A1082	11.04.2003	GC	1
11.	HOLCIM SA – Aleșd	1086	27.05.2003	GC/MS	1
12.	Centrul de Mediu și Sănătate – Cluj	1433	7.07.2003	GC/MS	1
13.	Centrul de Mediu și Sănătate – Cluj	1671	8.08.2003	GC/MS	16
14.	Compania de Bere – Cluj	1698	12.08.2003	GC	1
15.	Centrul de Mediu și Sănătate – Cluj	2071	26.09.2003	GC/MS	1
16.	Universitatea de Medicină și Farmacie “Iuliu Hațieganu”, Catedra Farmaceutică și Biofarmacie – Cluj-Napoca	2139	03.10.2003	MS	2
17.	SC CIG SA – Câmpia Turzii	159	29.01.2003	Prep. col	1
18.	SC Gas SRL – Cluj-Napoca	199	04.02.2003	GC	1
19.	SC Terapia SA – Cluj-Napoca	609	31.03.2003	Prep. col.	1
20.	Romgaz S.A. – Mediaș	733	10.04.2003	Prep. col.	2
21.	SC Siceram SA – Sighișoara	1141	03.03.2003	GC	4
22.	SC Terapia SA – Cluj-Napoca	1226	12.06.2003	Verif. col.	2
23.	CMS – Cluj-Napoca	1340	27.06.2003	GC	20
24.	ICIA – Cluj-Napoca	1342	27.06.2003	GC	2
25.	Universitatea „Babeș-Bolyai“, Facultatea de Biologie și Geologie – Cluj-Napoca	1346	30.06.2003	GC	1
26.	RAJAC – Cluj-Napoca	1436	07.07.2003	GC	1
27.	ICIA – Cluj-Napoca	1562	22.07.2003	GC	3
28.	ICIA – Cluj-Napoca	1647	05.08.2003	GC	6
29.	CMS – Cluj-Napoca	1851	02.09.2003	GC	3
30.	CMS – Cluj-Napoca	1852	02.09.2003	GC	3
31.	ICIA – Cluj-Napoca	1973	12.09.2003	GC	1
32.	CMS – Cluj-Napoca	2000	17.09.2003	GC	3
33.	ICIA – Cluj-Napoca	2138	03.10.2003	GC	3
34.	ICIA – Cluj-Napoca	2315	27.10.2003	GC	7
35.	SC Ecoanalitic – Sibiu	2358	31.10.2003	GC	5
36.	SC Olchim SA. – Râmnicu Vâlcea	2393	06.11.2003	Reparație	
37.	CMS – Cluj-Napoca	2489	17.11.2003	GC	5
38.	CMS – Cluj-Napoca	2490	17.11.2003	GC	5
39.	ICIA – Cluj-Napoca	2773	16.12.2003	GC	5
40.	SC JACON-TEX SRL – Reghin	1305	24.06.2003	MS	
41.	SC APEMIN – Tușnad	1062	26.05.2003	MS	
Anul 2004					
1.	SC Industria Sîrmei SA – Câmpia Turzii	193	22.01.2004	MS; GC/MS	3
2.	SC SIETA SA – Cluj-Napoca	583	12.03.2004	MS	1
3.	SC ECO ANALITIC SRL – Sibiu	635	19.03.2004	GC; GC/MS	4
4.	SC DISTRIGAZ NORD SA – Târgu Mureș	1046	21.05.2004	MS	2
5.	SC PAPERPLAST SRL – Cluj-Napoca	1053	24.05.2004	Py-GC/MS	3
6.	AGENTIA ROMCONTROL – Cluj	844	23.04.2004	MS	2

7.	SC ECO ANALITIC SRL – Sibiu	1247	17.06.2004	GC; GC/MS	2
8.	SC FARMEC SA – Cluj-Napoca	1238	15.06.2004	GC,	1
9.	AGENTIA ROMCONTROL – Cluj	1268	18.06.2004	MS	1
10.	Centrul de Mediu și Sănătate – Cluj	1559	12.07.2004	GC/MS	2
11.	Centrul de Mediu și Sănătate – Cluj	1560	12.07.2004	GC/MS	3
12.	Centrul de Mediu și Sănătate – Cluj	1632	21.07.2004	GC/MS	2
13.	Centrul de Mediu și Sănătate – Cluj	2033	15.09.2004	GC/MS	3
14.	SC NEW AR SRL – Cluj	2157	29.09.2004	MS	1
15.	Centrul de Mediu și Sănătate – Cluj	2072	20.09.2004	GC/MS	3
16.	SC CIRUS COMIMPEX SRL – Cluj	2283	12.10.2004	GC/MS	9
17.	SC ECO ANALITIC SRL – Sibiu	2353	12.10.2004	GC; GC/MS	13
18.	SC TURDEANA SA – Turda	2523	04.11.2004	MS	1
19.	Centrul de Mediu și Sănătate – Cluj	2547	08.11.2004	GC/MS	1
20.	ISIM – Timișoara	2776	30.11.2004	MS	1
21.	SC FARMEC SA – Cluj-Napoca	2781	01.12.2004	GC	1
22.	ROCURA SRL – București	2907	14.12.2004	GC	1
23.	SC Gas SRL – Cluj-Napoca	59	13.01.2004	GC	1
24.	SC Ecoanalitic – Sibiu	155	21.01.2004	GC	1
25.	Rionvil – Râmnicu Vâlcea	466	01.03.2004	GC	4
26.	Rionvil – Râmnicu Vâlcea	527	08.03.2004	GC	4
27.	Rionvil – Râmnicu Vâlcea	528	08.03.2004	tub carb. actv. 20	
28.	SC Gas SRL – Cluj-Napoca	531	08.03.2004	GC	1
29.	Rionvil – Râmnicu Vâlcea	582	12.03.2004	GC	2
30.	SC Grup 4 Instalații – Cluj-Napoca	673	25.03.2004	GC	1
31.	SC AlcoolProd SRL – Turda	715	31.03.2004	GC	1
32.	Rionvil – Râmnicu Vâlcea	944	07.05.2004	GC	2
33.	SC Gas SRL – Cluj-Napoca	1214	10.06.2004	GC	4
34.	SNGH Romgaz SA – Mediaș	1323	24.06.2004	Reparatii GC	1
35.	CMS – Cluj-Napoca	1480	02.07.2004	GC	1
36.	CMS – Cluj-Napoca	2547	8.11.2004	GC	1
37.	SC VITAROM IMPRX – București	2199	04.10.2004	MS	
38.	SC VITAROM IMPRX – București	617	16.04.2004	MS	
39.	INHGA – București	3	04.09.2004	MS	
40.	SA ROMGERA – Sântana Arad	1667	28.07.2004	MS	
41.	SC DOMAROM – Fundu Moldovei	665	24.03.2004	MS	
42.	ROMAQUA	781	23.09.2004		
Anul 2005					
1.	SC FARMEC SA – Cluj-Napoca	57	07.01.2005	GC	4
2.	Centrul de Mediu și Sănătate Cluj	65	10.11.2005	GC	4
3.	Centrul de Mediu și Sănătate Cluj	607	11.03.2005	GC	5
4.	SC GASOMIL SRL – Blaj	513	01.03.2005	GC	1

5.	SC ECO ANALITIC SRL – Sibiu	1442	10.05.2005	GC, GC/MS	1
6.	SC FARMEC SA – Cluj-Napoca	1783	14.07.2005	MS, GC	2
7.	Centrul de Mediu și Sănătate Cluj	1948	11.08.2005	GC, GC/MS	4
8.	SC ECO ANALITIC SRL – Sibiu	2128	08.09.2005	GC, GC/MS	2
9.	RIONVIL – Râmnicu Vâlcea	2468	14.10.2005	GC, GC/MS	2
10.	SC Compania de Apă Someș SA	2742	3.11.2005	GC, GC/MS	2
11.	Universitatea Tehnică Cluj-Napoca	2923	16.11.2005	MS	3
12.	SC NETEX SA – Bistrița	5825	21.11.2005	Py-GC, GC/MS	2
13.	SC Grup 4 Instalații SA – Cluj-Napoca	118	17.01.2005	GC	12
14.	PF Wachter Oswald – Sibiu	185	26.01.2005	GC	1
15.	CMS – Cluj-Napoca	607	11.03.2005	GC	5
16.	ICCRR – Cluj-Napoca	910	11.04.2005	GC	2
17.	SC Farmec SA – Cluj-Napoca	1321	31.05.2005	GC	3
18.	PF Wachter Oswald – Sibiu	1328	31.05.2005	GC	1
19.	SC Ecoanalitic – Sibiu	2128	08.09.2005	GC	1
20.	Petrom S.A. – Suplacu de Barcău	2804	08.11.2005	Reparatie	1
21.	SC Gas SRL – Cluj-Napoca	3266	19.12.2005	Verif. tehn. GC	1
22.	ICSI – Râmnicu Vâlcea	21241	08.09.2005	MS	
23.	SN APEMIN – București	648	15.03.2005	MS	
Anul 2006					
1.	Centrul de Mediu și Sănătate Cluj	515	15.02.2006	GC, GC/MS	2
2.	Centrul de Mediu și Sănătate Cluj	622	22.02.2006	GC, GC/MS	1
3.	SC GAS SRL – Cluj-Napoca	676	27.02.2006	GC, GCMS	2
4.	Centrul de Mediu și Sănătate Cluj	801	08.03.2006	GC, GC/MS	3
5.	SC GAS SRL – Cluj-Napoca	936	16.03.2006	GC, GC/MS	1
6.	SC NAPOCA SA – Cluj-Napoca	1040	27.03.2006	GC/MS	1
7.	Centrul de Mediu și Sănătate Cluj	1606	16.05.2006	GC, GC/MS	2
8.	SYSKOM 18 SRL – București	1624	17.05.2006	GC, GC/MS	6
9.	Centrul de Mediu și Sănătate Cluj	1677	22.05.2006	GC, GC/MS	1
10.	Centrul de Mediu și Sănătate Cluj	1837	02.06.2006	GC, GC/MS	1
11.	Of. Farmaceutic – Cluj-Napoca	2069	22.06.2006	GC, GC/MS	1

12.	ICC "Raluca Ripan" – Cluj-Napoca	2257	11.07.2006	GC/MS	3
13.	MINESA SA – Cluj-Napoca	2472	21.07.2006	GC/MS	3
14.	Centrul de Mediu și Sănătate Cluj	2644	07.08.2006	GC. GC/MS	2
15.	Centrul de Mediu și Sănătate Cluj	3108	08.09.2006	GC, GC/MS	3
16.	SC OMV MINERALOEL – București	3191	13.09.2006	GC, GC/MS	2
17.	SYSCOM 18 SRL – București	3234	14.09.2006	GC, GC/MS	1
18.	Centrul de Mediu și Sănătate Cluj	3688	10.10.2006	GC,GC/M S	3
19.	SC Farmec SA – Cluj-Napoca	3734	11.10.2006	GC, GC/MS	4
20.	SC ECOANALITIC – Sibiu	4506	04.12.2006	GC. GC/MS	2
21.	SC Farmec S.A. – Cluj-Napoca	270	01.02.2006	GC	2
22.	SC Grup 4 Instalații – Cluj-Napoca	1008	23.03.2006	GC	12
23.	PF Wachter Oswald – Sibiu	1243	11.04.2006	GC	6
24.	SC JACOM-TEX SRL – Reghin	3474	27.09.2006	MS	
25.	Carpathian Plast. Corp. – Vatra Dornei	1179	06.04.2006	MS	
26.	LAFORSERVICE SA – Comănești	841	13.03.2006	MS	

Lista compuşilor deuterati livrați în perioada 2002-2006

Nr. crt.	Beneficiar	Nr. comandă	Valoare
2002			
1	Institutul de Chimie Macromoleculară "Petru Poni" Iași	176/17.01.2002	538,02
2	Institutul Inimii Cluj-Napoca	86/29.02.2002	376,51
3	SC Phoenix Buziaș	115/08.04.2002	41,48
4	UBB Cluj-Napoca	1005/22.04.2002	801,04
5	Institutul de Chimie Macromoleculară "Petru Poni" Iași	1959/10.06.2002	1011,64
6	SC Olchim SA Râmnicu Vâlcea	1852/17.08.2002	335,28
7	UBB Cluj-Napoca	2039/18.09.2002	3050,42
8	Institutul de Chimie Macromoleculară "Petru Poni" Iași	3342/18.09.2002	1016,37
9	Centrul de Chimie Organica București	40/17.10.2002	2351,35
10	SC Olchim SA Râmnicu Vâlcea	329/24.07.2002	1347,42
11	Institutul de Științe Spațiale București	392/29.11.2002	580,08
12	Institutul de Chimie Macromoleculară "Petru Poni" Iași	4862/17.12.2002	879,31
2003			

1	SC Eclasmed Bucuresti	251/17.01.2003	403,28
2	Institutul de Chimie Macromoleculară “Petru Poni” Iași	497/11.02.2003	201,17
3	UBB Cluj-Napoca	1140/21.02.2003	201,80
4	Centrul de Chimie Organică București	9/21.03.2003	202,11
5	Institutul de Chimie Macromoleculară “Petru Poni” Iași	1234/08.04.2003	673,71
6	Centrul de Chimie Organică București	10/20.05.2003	137,07
7	UBB Cluj-Napoca	1215/16.06.2003	134,43
8	Institutul de Chimie Macromoleculară “Petru Poni” Iași	2448/11.07.2003	874,87
9	Centrul de Cercetare Științifică Apărare NBC și Ecologie București	2412/16.10.2003	2068,64
10	Centrul de Chimie Organică București	50/24.11.2003	1801,19
11	Universitatea Politehnica București	51/24.11.2003	883,79
2004			
1	Institutul de Chimie Macromoleculară “Petru Poni” Iași	128/13.01.2004	2191,28
2	I.C.C.F. București	1592/24.05.2004	868,46
3	UBB Cluj-Napoca	3611/26.05.2004	368,26
4	Centrul de Chimie Organică București	34/19.08.2004	139,16
5	Institutul de Chimie Macromoleculară “Petru Poni” Iași	2484/22.07.2004	1876,08
6	Institutul de Chimie “Raluca Ripan” Cluj-Napoca	3021/25.10.2004	369,64
7	Institutul de Științe Spatiale București	3124/28.10.2004	4500,00
8	ICIA Cluj-Napoca	931/08.12.2004	1537,06
2005			
1	Centrul de Chimie Organică București	9/10.03.2005	4950,72
2	UBB Cluj-Napoca	1741/10.03.2005	487,50
3	Institutul de Chimie Macromoleculară “Petru Poni” Iași	4507/24.11.2005	1913,47
4	UBB Cluj-Napoca	9553/12.12.2005	1945,33
2006			
1	UBB Cluj-Napoca	12/2006	5392,17

Nr. crt.	Lucrare (Autori/ Titlu lucrare/ Revista)
Anul 2002	
1.	Simona Nicoară, Z. Moldovan, N. Palibroda, Monica Culea, I. Feneșan, R. Popescu, C. Bele, „Metastable ion studies in the characterisation of some p-X substituted arilsulfonamides of the O,O-diphenylthiophosphoric acid”, <i>Studia Universitatis Babes-Bolyai. Physica XLVII</i> (1), 37-48 (2002).
2.	Simona Nicoară, Z. Moldovan, I. Feneșan, O. Cozar, „Electron impact mass spectral study of some s-methyl p-arylsulfonamides of the dimethylamidocyclohexylphosphonic acid”, <i>Studia Universitatis Babes-Bolyai. Physica XLVII</i> (1), 23-35 (2002).
3.	T. Iliescu, F.D. Irimie, M. Bolboacă, Cs. Paisz, I. Bratu, R. Păcurariu, W. Kiefer, „Surface-enhanced Raman spectroscopy of 5-(4 brom-phenyl)-furan-2 carbaldehyde on silver soil”, <i>Studia Universitatis Babes-Bolyai. Physica XLVII</i> (2), 13-18 (2002).
4.	T. Iliescu, F.D. Irimie, M. Bolboacă, Cs. Paisz, I. Bratu, R. Păcurariu, W. Kiefer, “Structure and vibrational frequencies of 5-(4 brom-phenyl)-furan-2 carbaldehyde: Density Functional Theory studies”, <i>Studia Universitatis Babes-Bolyai. Physica XLVII</i> (2), 19-26 (2002).
5.	M.L. Soran, C. Măruțoiu, M. Curtui, T. Hodișan, R. Oprean, „Separation of nickel(II) and copper(II) from different cations by TLC using dipentylidithiophosphoric acid as complexing reagent”, <i>Acta Universitatis Cibiniensis F. Chemia</i> 5(2), 69-73 (2002).
6.	M. Girtan, A. Pui, E. Indrea, M. Tasca, N. Apetroaie, “Investigations on surface free energy of indium oxide thin films”, <i>Acta Technica Napocensis</i> 45(1), 85-89 (2002).
7.	Rodica Turcu, Izabell Peter, A. Coldea, R. Tetean, G. Borodi, O. Pană, “Nanocomposites based on conducting polypyrrole”, <i>Acta Technica Napocensis</i> 45(1), 143-148 (2002).
8.	O. Pana, A. Darabont, I. Chicinas, C. Neamtu, T.D. Silipas, E. Indrea, „Nanostructured La _{0.67} Ca _{0.33} MnO ₃ : synthesis and structural characterization”, <i>Acta Technica Napocensis</i> 45(1), 227-231 (2002).
9.	I. Coroiu, E. Culea, Al. Darabont, N. Jumate, Gh. Borodi, „Study of structural and magnetic behaviour of the 0.10Gd ₂ O ₃ -0.90(0.95SiO ₂ 0.05Na ₂ O) glass-ceramic”, <i>Acta Technica Napocensis</i> 45(1), 250-253 (2002).
10.	I. Ardelean, I. Barbur, Gh. Borodi, A. Veres, R. Veres, V. Timar, “Structural and dielectrical properties of Pb ₂ Mg _{1-x} Co _x WO ₆ solid solutions”, <i>Studia Universitatis Babes-Bolyai. Physica XLVII</i> (2), 3-6 (2002).
Anul 2003	
1.	M.R. Caira, E.J.C. de Vries, M. Bogdan, Diana Bogdan, S.I. Fărcaș, “Inclusion of Alkylparabens in Cyclodextrins”, <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 95-102 (2003).
2.	M. Kaucsar, V. Cosma, D. Axente, A. Bâldea, V. Bunea, „Fuzzy logic control of ¹⁵ N separation plant”, <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 112-118 (2003).

3.	I. Hodor, "The theory of the thermal-diffusion column: a critical review", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 125-130 (2003).
4.	R. Turcu, I. Peter, A. Bot, M.N. Grecu, O. Pană, I. Chicinaş, R. Grecu, "Supramolecular electroactive structures based on conducting polymer", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 136-141 (2003).
5.	D. Lupu, A.R. Biriş, I. Mişan, G. Mihăilescu, L. Olenic, S. Pruneanu, A. Jianu, C. Bunescu, A. Weidenkaff, C. Diecker, „Synthesis of carbon nanostructures by induction heating assisted CCVD method”, <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 142-146 (2003).
6.	N. Aldea, Andreea Gluhoi, B. Barz, P. Marginean, Mihaela Lazar, Xie Yaning, Hu Tiandou, Liu Tao, Zonghua Wu, Ziyu Wu, „The complete local and global structure of the nikel catalyst characterized by synchrotron radiation”, <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 162-166 (2003).
7.	M. Bogdan, Diana Bogdan, M.R. Caira, S.I. Fărcaş, "Bimodal molecular encapsulation of Mefenamic Acid by β -CD in solution and solid state", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 167-172 (2003).
8.	A. Bot, Rodica Turcu, Izabell Peter, V. Cosma, V. Surducan, "New concepts and sensing materials for thermal conductivity detectors in gas chromatography", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 173-178 (2003).
9.	D. Ioanoviciu, "Potpourri of ion optics", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 179-187 (2003).
10.	C. Filip, "Solid-state NMR techniques for structural investigations of proteins", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 197-201 (2003).
11.	E. Culea, I. Bratu, Lidia Pop, „Magnetic and IR spectroscopic behaviour of some glasses containing Gadolinium and Neodymium ions", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 207-212 (2003).
12.	D. Grecu, Anca Vişinescu, I. Turcu, "Ratchet motion and quantum motors in biological systems," <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 213-217 (2003).
13.	Z. Moldovan, D.J.M. Bayona, "Characterisation of organic pollutants detected in Somes River by GC/MS", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 218-221 (2003).
14.	V.V. Morariu, "Stationary and nonstationary characteristics of the atomic vibrations in proteins", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 234-239 (2003).
15.	I. Turcu, C.V.L. Pop, Silvia Neamţu, "Intensity fluctuating pattern of light scattered on microparticles," <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 240-245 (2003).
16.	E. Surducan, V. Surducan, C. Neamţu, S.V. Filip, G. Nagy, C. Viliche, M. Postolache, „Overview on microwaves power applications in molecular physics", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 246-252 (2003).
17.	Mihaela Pavel, D. Axente, "The recovery of gold from chloride solutions using the selective ion exchange resin IONAC SR3", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (1), 266-269 (2003).
18.	Lucia Feurdean, V. Feurdean, M. Gligan, "Origin and flow dynamic of groundwater in Movile Cave area, Romania, based on environmental isotopes", <i>Studia Universitatis Babes-Bolyai. Physica XLVIII</i> (2), 303-308 (2003).
19.	Al. Darabont, K. Kertész, C. Neamţu, Zs. Sárközi, L. Tapasztó, L.P. Biró, Z.E.

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1.	29.05-02.06 2002	27 th Annual American Romanian Academy (ARA) Congress, Oradea, Romania	D. Ioanoviciu, C. Cuna, V. Cosma <i>Ion optics paving the way to penetrate the secrets of big molecules</i> , Proc. 2 , p. 1343
2.	14-19.07 2002	31 th Congress AMPERE Poznan, Poland	L.M. Giurgiu, M.N. Grecu, X. Filip, O. Raita, Al. Darabont, D. Gavre, J. Blasco <i>Spin dynamics investigated by EPR in the paramagnetic regime of $La_{2/3}Ca_{1/3}Mn_{1-x}M_xO_3$ ($M = Al, In$) manganites</i> , Proc. p. 47
3.	29.06-04.07 2002	European Society for Isotope Research (ESIR) – VI Isotope Workshop Tallinn, Estonia	L. Feurdean, V. Feurdean <i>Elucidation of the origin and dynamic groundwater in the ecosystem of Movile Cave, Romania, using environmental isotopes</i> , Proc. p. 25-26
4.			L. Feurdean, V. Feurdean, S. Sarbu <i>Evidence and constraints revealed by environmental stable isotope in the chemoautotrophic system of the Movile Cave, Romania</i> , Proc. p. 27-28
5.	26-30.08 2002	12 th General Conference of the European Physical Society (EPS-12), Trends in Physics Budapest, Hungary	C. Vamos, C.V.L. Pop, I. Turcu <i>A numerical model for dynamics of speckled light scattered by cellular suspensions</i>
6.			D. Gavre, S. Pruneanu, O. Raita, E. Indrea, G. Mihailescu, J. Rahmer, L.M. Giurgiu <i>Size Distribution and Conduction ESR of Platinum in nanoporous Al_2O_3 membranes</i> , Proc. p. 201
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9.	01-06.09 2002	XXVI European Congress on Molecular Spectroscopy Villeneuve d'Ascq, France	T. Iliescu, F.D. Irimie, M. Bolboaca, Cs. Paizs, I. Bratu, R. Pacurariu, D. Maniu, S. Cinta-Pinzaru, W. Kiefer <i>IR, Raman, Surface Enhanced Raman Spectroscopy and Density Functional Theory Studies of 5-(4-bromo-phenyl)-furan-2 carbaldehyde</i>
10.	19-21.09 2002	International Conference on Advanced Materials and Structures Timisoara, Romania	D. Gavre, G. Mihailescu, O. Raita, E. Indrea, S. Pruneanu, J. Rahmer, L.M. Giurgiu <i>Conduction ESR of Pt – Nanoparticles in Porous Al₂O₃ membranes</i> , Proc. p.24
11.			O. Raita, M.N. Grecu, X. Filip, Al. Darabont, D. Gavre, J. Blasco, L.M. Giurgiu <i>Effects of In doping investigated by ESR in colossal magnetoresistive manganite La_{2/3}Ca_{1/3}MnO₃</i> , Proc. p. 65
12.	19-21.09 2002	2 nd International Conference on Analytical Chemistry (SCAR 2002) Timișoara, Romania	M.L. Soran, C. Măruțoiu, M. Curtui, T. Hodișan <i>Separation of uranium(VI) and thorium(IV) from different cations by TLC using dibutylidithiophosphoric acid as complexing reagent</i>
13.	22-25.09 2002	3 rd International Conference of the Chemical Societies of the South-Eastern European Countries on Chemistry in the New Millennium – an Endless Frontier Bucharest, Romania	V. Coman, M. Filip, I. Dranca, L. Soran <i>Thermoanalytical study of unmodified and chemically modified alumina used in TLC</i>
14.	09 2002	International Conference “Control of Molecules in Intense Laser Fields” Tokyo, Japan	V. Tosa, E. Takahashi, Y Nabekawa, K. Midorikawa <i>Computer Simulation of High Order Harmonics in a Self-Guided Beam</i> , P-26
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16.	10 2002	Conferinta Internationala de Semiconductori Sinaia, Romania	Stela Pruneanu, Liliana Olenic, G. Borodi, G. Sigartau, G. Mihailescu <i>Characterization of nanoporous alumina membranes filled by gold particles</i>
17.	2002	International Conference on Multiphoton Processes, ICOMP IX Cyprus, Greece	Eiji Takahashi, Valer Tosa, Yasuo Nabekawa, and Katsumi Midorikawa <i>Strong field generation in the XUV region by high-order harmonics</i>
18.			C. Altucci, R. Bruzzese, C. de Lisio, M. Nisoli, S. Stagira, S. De Silvestri, L. Poletto, P. Villorosi, V. Tosa, and K. Midorikawa <i>Phase-matching analysis of high-order harmonics generated by truncated Bessel beams in the sub-10 fs regime</i>
19.	2002	12 th ICPPP Toronto, Canada	A. Hadj Sahraoui, S. Longuemart, D. Dadarlat, S. Delenclos, C. Kolinsky, J.M. Buisine <i>New analysis of the PPE signal for investigating thermal parameters of pyroelectric materials</i>
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2.	10-15.06 2003	7 th International Conference on Frontiers of Polymers and Advanced Materials (ICFPAM) Bucharest, Romania	R. Turcu, I. Peter, O. Pana, L. Giurgiu, N. Aldea, B. Barz, M. Grecu, I. Chicinas, A. Coldea <i>Structural and magnetic properties of polypyrrole nanocomposites</i> , Proc. p. 78
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5.	06 2003	1 st Annual Meeting ESA-IEEE/IAS Little Rock, Arkansas	D.A. Buzatu, A.S. Biris, J.A. Darsey, A.R. Biriş, D. Lupu, M.K. Mazumder <i>Work function and ionization potential calculations for carbon nanotubes and their relation to fabrication methods</i> , Proc. p. 580-587
6.	05-09.07 2003	4 th European Biophysics Congress Alicante, Spain	I. Turcu <i>Laser light scattering on blood – approximate expressions for successive order scattered light fluxes</i>
7.			C.V.L. Pop, C. Vamos, I. Turcu <i>Numerical simulation of speckled light scattered by red blood cells in suspensions</i>
8.	08-10.07 2003	EUROTHERM "Microscale heat transfer 2" Reims, France	M. Chirtoc, X. Filip, J.F. Henry, J.S. Antoniow, I. Chirtoc, D. Dietzel, R. Meckenstock, J. Pelzl <i>Thermal probe self-calibration in A.C. scanning thermal microscopy</i> ", Book of Abstracts p. 171-172
9.	08 2003	13 th International Symposium "Spectroscopy in Theory and Practice" Nova Gorica, Slovenia	D. Bićanić, C. Neamţu, M. Manojlovic, D. van der Linden, D. Dădârlat, K. Posavec, A. Gijsbertsen, Z. Kurtanjek <i>Tomato pastes and their moisture content as determined via the measurements of thermal effusivity by means of infrared photothermal radiometry and inverse photopyroelectric technique</i>
10.	02-05.09 2003	11 th International Conference of Physical Chemistry ROMPHYSICHEM 11 Timișoara, Romania	Mihaela Lazăr, Cecilia Savii, V. Almăşan, N. Aldea, P. Marginean <i>Ni/SiO₂ catalysts obtained by sol-gel methods</i>
11.			Virginia Danciu, Veronica Coşoveanu, I. Marian, Anca Peter, P. Mărginean, E. Indrea <i>TiO₂ aerogels morphology synthesis correlation</i> , Proc. p. 1721-1728
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14.	31.08-05.09 2003	16 th International Mass Spectrometry Conference Edinburgh, UK	V.S. Shelkovsky, M.V. Kosevich, O.A. Boryak, V.V. Orlov, A. Gomory, P. Vegh, K. Vekey <i>Cryobiological mass spectrometric studies of amino acids solutions in cryoprotectors</i>
15.	15-19.09 2003	International Conference on Groundwater in Fractured Rocks of International Association of Hydrologists Prague, Cehia	L. Feurdean, V. Feurdean, F. Zamfirescu, S. Sarbu <i>Evidence and constrains revealed by environmental stable isotope in the chemoautotrophic system of the Movile Cave, Romania</i> Abstract in UNESCO's Series on Groundwater 7 (2003), ISBN 92-9220-002-X and on CD
16.	15-18.09 2003	4 th International Conference on Advanced Materials (ROCAM 2003) Constanța, Romania	Andreea Gluhoi, B. Barz, N. Aldea, P. Marginean, C. Cosma, Xie Yaning, Hu Tiandou, Liu Tao, Zonghua Wu <i>The analysis of the interaction metal-support for Ni-Cu cathalyst by extended X-ray absorption fine structure and X-ray diffraction using synchrotron radiation</i> , Proc. p. 90
17.			N. Aldea C. Tiusan, B. Barz <i>A new approximation used for evaluation of crystallite size in supported metal catalyts by single X-ray profile Fourier transform</i> , Proc. p. 91
18.			L.M. Giurgiu, M.N. Grecu, O. Raita, X. Filip, A. Darabont, E. Indrea, O. Pana, D. Gavre <i>Electron Paramagnetic Resonance study of nanosized La_{0.67}Ca_{0.33}MnO₃ manganites</i> , (Ed. F. Stanculescu) Proc. p. 98
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24.	06-08.10 2003	1 st International Conference of the Moldavian Chemical Society "Achievements and perspectives of modern chemistry" Chişinău, Moldova	L. Soran, M. Curtui, T. Hodişan, I. Haiduc <i>Separation of uranium(VI), thorium(IV), rare earth(III) and other elements by TLC using dialkyldithiophosphoric acid as complexing agent</i>
25.			V. Coman, L. Soran, C. Cîrţiu, M. Filip <i>HPLC monitoring of some chemical processes</i>
26.	02-05.11 2003	Korea Conference on Innovative Science and Technology 2003: Femto Science and Technology - Future Implications, Jeju, Korea	H.T. Kim, I.J. Kim, Y.S. Lee, V. Tosa, C.H. Nam <i>Bright high-order harmonic generation using self-guided and chirped femtosecond laser pulses</i>
27.	2003	5 th Annual Workshop on Nanoscience and	L.M. Giurgiu <i>Electron paramagnetic resonance of</i>

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28.	2003	Specialized Colloque AMPERE: NMR and EPR of Broad-Line Solids Portoroz, Slovenia	L.M. Giurgiu, M.N. Grecu, A. Darabont, O. Raita, X. Filip, D. Gavre, J. Blasco <i>EPR in Ceramic and nanosized La_{0.67}Ca_{0.33}MnO₃ manganites</i> , Proc. p. 16 (Ed. J.Dolinsek)
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2.	02-06.05 2004	22nd Informal Meeting on Mass Spectrometry Tokaj, Hungary	Z. Moldovan, N. Palibroda, V. Danciu, G. Nutiu <i>Structure determination of novel pollutants detected in river water by Electron Impact Mass Spectrometry</i>
3.			N. Palibroda, J. Brandsch, O. Piringer, R. Brandsch <i>Analysis of some Diamines by Electrospray Ionisation Ion Trap Mass Spectrometry</i>
4.			D. Ioanoviciu, C. Cuna, V. Cosma, I. Albert, E. Szilagyi <i>Design of high sensitivity negative ion source TOF MS analyzer assembly created by cylindrical electrodes with common axis</i>
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7.	25-28.05 2004	Congrès Annuel de la Société Française de Thermique (SFT), "Transferts en milieux hétérogènes" Giens, France	M. Chirtoc, X. Filip, J.F. Henry, J.S. Antoniov, J. Pelzl <i>Sensibilité de la microscopie thermique en mode alternatif aux paramètres thermophysiques</i> , (poster no. 237) (D. Gobin, M. Pons, G.

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10.	05-07.07 2004	5 th International Balkan Workshop on Applied Physics Constanța, Romania	Oana Zainea, V.V. Morariu <i>The long-range properties of the atomic structure and mobility in human hemoglobin</i>
11.			V.V. Morariu <i>The influence of the natural magnetic environment on terrestrial life</i>
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29.	11-16.07 2004	SNS'2004, International Conference "Spectroscopies of Novel Superconductors" Sitges, Spain	O. Pana R. Turcu , A. Bot, I. Deac , A. Darabont , E. Burzo , I. Chicinas <i>A model for the charge transport in $La_{0.67}Ca_{0.33}MnO_3$ at temperatures above T_p</i>
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31.	18-21.07 2004	4 th International Conference of the Chemical Societies of the South-East European Countries on Chemical Sciences in Changing Times: Visions, Challenges and Solutions Belgrad, Serbia and Montenegro	Rodica Grecu, Elisabeth-Jeanne Popovici, Maria Ladar, Ana Agoston, E. Indrea <i>Spectroscopic Characterization of Cooper/Cadmium Sulphide Heterostructures</i>
32.	25-30.07 2004	14 th International Conference on Ultrafast Phenomena Niigata	H.T. Kim, I.J. Kim, V. Tosa, Y.S. Lee, C.H. Nam <i>Bright High Harmonic Generation at 13 nm and Coherence Measurement, ThD3</i>
33.	20-28.08 2004	32 nd Session of the International Geological Congress (32 nd IGC) Florence, Italy	D.C. Papp, E. Nitoi, I. Ureche, I. Seghedi, V. Feurdean <i>Hydrogen isotope variation in the Neogene subvolcanic magmatites (East Carpathians): petrogenetic</i>

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38.	06-08.09 2004	Isotopes dans le cycle hydrologique et l'environnement, UNESCO, Atelier International sur l'Application des techniques Isotopiques aux Etudes Hydrologiques et Environnementales Paris, France	V. Feurdean, L. Feurdean <i>Long-term trends (1975-2003) of deuterium content of precipitation from Cluj-Napoca, Romania</i> Abstract, p 109-110
39.	09-10.09 2004	Isotopes dans le cycle hydrologique et l'environnement, UNESCO, Troisièmes Journées de la Société Française des Isotopes Stables Paris, France	L. Feurdean, V. Feurdean, S. Sarbu, I. Stefanescu, C. Lascu, C. Varlam. <i>Isotopic investigation in the chemoautotrophic ecosystem of the Movile Cave, Romania</i> Abstract, p. 298-299
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42.			C. Cuna, N. Lupsa, S. Cuna <i>A new miniature quadrupole mass spectrometer for gas emission analysis</i>
43.	19-22.09 2004	1 st International Conference Advanced Spectroscopies on Biomedical and Nanostructured Systems (NANOSPEC 1) Cluj-Napoca, Romania	V.V. Morariu <i>Long-range correlation of atomic structure and mobility in proteins</i>
44.			C. Morari, D. Bogdan <i>Theoretical investigation of the normal modes for the ground and first excited states of a realistic retinal chromophore model</i>
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62.	20-22.10 2004	Al 3-lea Simpozion Internațional al USAMV Cluj-Napoca, "Perspective ale Agriculturii Mileniului III" Cluj-Napoca, Romania	Simina Dreve, I. Bratu, E. Indrea <i>Edible thin film with chitosan and gold nanoparticles</i>
63.			C. Măruțoiu, M. Moise, O.F. Măruțoiu, L. Soran, M. Goncea, D. Nica-Badea <i>Chromatographic separation of the active components of horseradish and mustard</i>
64.	04-05.11 2004	12 th International Symposium on Laser Spectroscopy (KAERI) Daejeon, Korea	V. Tosa, H.T. Kim, C.H. Nam <i>Modeling high harmonics generation with chirped and self-guided laser pulses</i>
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66.	08-10.11 2004	6 th International Symposium of Romanian Academy (Branch Timișoara) „Metal Elements in Environment, Medicine and Biology”	C. Măruțoiu, L. Oprean, M.I. Moise, O.F. Măruțoiu, L. Soran, M.L. Rusu <i>Separation, identification and determination of some metal ions from Calendula officinalis L</i>
67.	2004	XII International Seminar on Interactions of Neutrons with Nuclei, ISINN-XII, E3-2004-169, Joint Institute for Nuclear Research Dubna, Rusia	M. Curuia, M. Culcer, M. Anghel, M. Iliescu, M. Kaucsár, C. Oprea, D. Trancota <i>Software for mass spectrometer control</i> , pp. 380-383
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2.	01 2005	International Symposium Atoms, Molecules, and Clusters in Intense Laser Fields Tokyo, Japan	R. Velotta, V. Tosa, C. Altucci <i>Influence of molecular and atomic ground-state on high-order harmonic generation</i>
3.	28-29.01 2005	1 st Workshop NANOFUN-POLY Dresden, Germany	R. Turcu, O. Pană, Al. Darabont, D. Lupu, A.R. Biris, N. Aldea, N. Jumate, M.L. Soran <i>Carbon nanotubes-pyrrole nanocomposites: synthesis and characterization</i>
4.	02.02 2005	Workshop on High Harmonic Generation in Molecules, Politecnico Milano Milano, Italia	V. Tosa, C. Altucci, R. Velotta <i>HHG in Alkanes</i>
5.	23-25.02 2005	1 st Asian Workshop on Generation and Applications of High-Order Harmonics, KAIST Daejeon, Korea	Hyung Taek Kim, V. Tosa, I Jong Kim, Yong Soo Lee, Chang Hee Nam <i>Spatio-temporal characteristics of laser pulses in ionizing medium and bright high-order harmonic generation</i>
6.	24-25.02 2005	International Conference Concerning the Reconstruction of the South Eastern Europe: "Sustainability for Humanity and Environment in the Extended Connection Field Science-Economy-Policy" Timisoara, Romania	Z. Moldovan <i>Structure of Organic Pollutants Detected in Surface Waters from Romania</i>
7.			Anca Peter, Veronica Coșoveanu, P. Mărgineanu, Z. Moldovan, E. Indrea, Virginia Danciu <i>Environmental applications of TiO₂ aerogels</i> , Proc. p. 91-96

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	24-28.04 2005	21 th International Conference on Radio and Microwave Spectroscopy (RAMIS) Poznan-Bedlewo, Poland	L.M. Giurgiu <i>Effects of Mn-substitution and size reduction on spin dynamics in CMR manganites</i>
			O. Raita, M.N. Grecu, X. Filip, D. Toloman, L.M. Giurgiu, S. Idziak, S. K. Hoffmann <i>Influence of the grain size on the polaron transport in nanostructured $La_{2/3}Ca_{1/3}MnO_3$ evidenced by EPR</i> , (Ed. S. Waplak), Proc. p. 29
			D. Toloman, M.N. Grecu, I. Craciunescu, X. Filip, I. Ardelean, R. Turcu, L.M. Giurgiu <i>Electron Magnetic Resonance of ultrafine $\alpha-Fe_2O_3$ antiferromagnetic particles in polypyrrole matrix</i> , (Ed. S. Waplak), Proc. p. 45
13.	12-13.05 2005	1 st International Conference "Agricultural and Food Sciences, Processes and Technologies" Sibiu, Romania	D. Dadârlat, C. Neamtu <i>Validation of photothermal and related methods for detection of early spoilage, adulteration and quality assessment in food industry"</i>
14.	14-15.03 2005	2nd Workshop „Applications and Nanostructure-Property Relationships” (NANOFUN-POLY) Madrid, Spain	R. Turcu, D. Bica, L. Vekas, N. Aldea, D. Macovei, O. Pana, O. Marinica, M.L. Soran, A. Nan, R. Grecu, C. Pop <i>Hybrid structures based on polypyrrole and magnetic nanoparticles</i> , Proc. p. 36
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		2nd Workshop „Responsive Polymers, Gels and Networks. Characterization of their Structure, Properties and Applications”; “Structure and Properties of Functional Coatings. Characterization of their Surfaces” (NANOFUN-POLY) Madrid, Spain	O. Pana, R. Turcu, Al. Darabont, M.L. Soran, N. Jumate, I. Deac <i>Polypyrrole with $La_{1-x}Ca_xMnO_3$ perovskite manganite nanocomposites: syntheses and characterization</i>
16.	15-19.05 2005	23rd Informal Meeting on Mass Spectrometry Fiera di Primero, Italy	C. Cuna, D. Ioanoviciu, Stela Cuna, Z. Moldovan, Edina Szilagyi <i>Miniature ion mobility spectrometer</i>
17.			D. Ioanoviciu, A. Ioanoviciu, S. Cuna, V. Cosma, E. Szilagyi, I. Albert <i>Aberrations of cylindrical mirror time-of-flight mass spectrometers with oblique incidence</i>
18.	23-27.05 2005	Conference on Laser and Electro-Optics / Quantum Electronics and Laser science Conference (CLEO/QELS 2005) Baltimore, Maryland, USA	Hyung Taek Kim, Valer Tosa, I Jong Kim, Chang Hee Nam <i>Temporal structure analysis of bright high-order harmonics obtained using self-guided and chirped laser pulses</i>
19.	31.05-03.06 2005	2005 E-MRS Spring Meeting, Spring Meeting, Symposium E: Synthesis, characterization and applications of mesostructured thin layers Strasbourg, France	V. Malinovschi, C. Ducu, N. Aldea <i>The study of oxide films obtaining on the surface of nuclear metallic materials by XRD and synchrotron radiation analysis</i>
20.			O. Pana, C.M. Teodorescu, D. Macovei, R. Turcu, Al. Darabont, M.L. Soran, I. Bratu, N. Jumate <i>Synthesis and structural characterization of nanostructured $La_{1-x}Ca_xMnO_3$ (LCMO)/ C_{60} thin films composites</i>
21.			O. Pana, R. Turcu, C.M. Teodorescu, Al. Darabont, M.L. Soran, N. Jumate <i>Hybrid structures based on polypyrrole and magnetic nanoparticles of $La_{1-x}Ca_xMnO_3$ perovskite manganite</i>
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			R. Turcu, D. Bica, L. Vekas, N. Aldea, D. Macovei, A. Nan, O. Pana, O. Marinica, C.V.L. Pop, Zhonghua Wu <i>Correlation between the synthesis parameters and the properties of polypyrrole-magnetic nanoparticles composites</i>
23.	12-14.06 2005	1 st Annual Meeting of NOE NANOFUN-POLY Terni, Italia	R. Turcu, O. Pana, A. Nan, N. Aldea, M.L. Soran, C.V.L. Pop, L.M. Giurgiu <i>Nanostructured composites based on conducting polymers</i>
24.	22-25.06 2005	Matter Materials and Devices Meeting Genoa, Italy	C. Altucci, V. Tosa <i>et al.</i> <i>High-order harmonic generation in molecules: signature of the ground state orbital</i>
25.	25-30.06 2005	5 th International Conference of the European Society for Isotope Research (ESIR), VIII Isotope Workshop Leipzig, Germany	V. Feurdean, Lucia Feurdean, S. Apahidean, Maria Apahidean, Augusta Lujerdean, M. Gligan <i>Deuterium composition in plants with short lifetime: Preliminary results</i> Abstract in conference book ISSN 0948-9452, p 118
26.			V. Feurdean, L. Feurdean, I. Stefanescu, C. Varlam, M. Gligan <i>The water isotopes use for determination of water origine in carstic areas: case study</i> Extended abstract in conference book ISSN 0948-9452, p 73-76
27.			Stela Cuna, Gabriela Balas, Elza Hauer <i>Effect of environmental factors on $\delta^{13}C$ of lichens</i>
28.			V. Feurdean, L. Feurdean, I. Stefanescu, C. Varlam, M. Gligan <i>The water isotopes use for determination of water origin in carstic areas: case study</i>
29.			V. Feurdean, Lucia Feurdean, S. Apahidean, M. Apahidean, A. Lujerdean, M. Gligan <i>Deuterium content in plants with short lifetime: preliminary results</i>
30.	26.06-01.07 2005	Gordon Research Conference (GRC) on Photoacoustic and	D. Dadarlat, C. Neamtu, X. Filip, M. Streza, A. Hadj Sahraoui, S. Longuemart

		Photothermal Phenomena Trieste, Italy	<i>Molecular and isotopic associations investigated by photopyroelectric calorimetry</i>
31.	03-07.07 2005	12 th International Symposium on Metastable and Nano-Materials (ISMANAM), Maison de la Chimie Paris, France	L.C. Cotet, A. Roig, E. Molins, I.C. Popescu, V. Cosoveanu, E. Indrea, Virginia Danciu <i>Structural properties of some transitional metal highly doped carbon aerogels</i> , Livre des Résumés PI27
32.			Elisabeth-Jeanne Popovici, Maria Lădar, N. Popovici, E. Indrea, Rodica Grecu <i>Natural anthocyanin dyes for solar cells based on oxide semiconductor thin films</i>
33.			Simina Dreve, E. Indrea, Liliana Olenic, Veronica Cosoveanu, Virginia Danciu <i>Gold-TiO₂ nanocomposite – Preparation and structure</i>
34.	03-08.07 2005	EUROMAR/EENC Conference Veldhoven, The Netherlands	M. Bogdan, M.R. Cairra, Diana Bogdan, C. Morari <i>Evidence of a bimodal binding between Diclofenac-Na and β-Cyclodextrin in solution</i> , Proc. p. 157
35.	04-07.07 2005	6 th International Balkan Workshop on Applied Physics Constanta, Romania	L.M. Giurgiu <i>What does magnetic resonance tell us about the spin dynamics of nanoscaled manganites and dispersed nanoparticle systems</i>
36.			O. Raita, M.N. Grecu, Al. Darabont, D. Toloman, X. Filip, M. Jivanescu, S. Idziak, S.K. Hoffmann, L.M. Giurgiu <i>Effects of size reduction and Mn-substitution on polaron activation energy in CMR manganites</i> , Proc. p. 78
37.			D. Toloman, M.N. Grecu, I. Craciunescu, X. Filip, R. Turcu, L.M. Giurgiu <i>Electron Magnetic Resonance investigations of nanocomposites based on conducting polymers</i> , Proc. p. 83
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			A. Popa, M. Natali, U. Ebels, L.M. Giurgiu <i>Circular magnetic elements: Dipolar interactions and vortex chirality correlation</i> , Proc. p. 54
39.	07-09.07 2005	International Conference on Sustainable Energy Brasov, Romania	E. Indrea, S. Dreve, D.T. Silipas, V. Danciu, V. Cosoveanu, H.I. Nascu <i>Structural and transport properties of $Hg_{1-x}Cd_xTe/CdTe$ semiconductor heterostructures</i>
40.			V. Danciu, V. Cosoveanu, A. Peter, P. Marginean, Z. Moldovan, E. Indrea <i>Nanostructures materials based on TiO_2 aerogels applied to wastewater decontamination</i>
41.	22-25.08 2005	10 th International Symposium on Microwave and Optical Technology (ISMOT) Fukuoka, Japan	E. Surducun, D.S. Iancu, V. Surducun, J. Glossner <i>Microstrip composite antenna for multiple communication protocols</i> , D14, 2D1 – Microstrip Antennas Proc. pp. 386-389
42.	27.08-01.09 2005	15 th IUPAB & 5 th EBSA International Biophysics Congress Montpellier, France	C.M. Muntean, L. Dostál, H. Welfle, R. Misselwitz <i>DNA structure at low pH values and in the presence of manganese(II) ions: a Raman study</i> , P-221, Eur. Biophys. J. Biophys. 34 (6), p. 637
43.			C.V.L. Pop, I. Turcu, S. Neamtu <i>He-Ne light transmission through a suspension of red blood cells</i>
44.	29.08-02.09 2005	European Society for New Method in Agriculture Research – XXXV ESNA Annual Meeting Amiens, France	L. Feurdean, Al.S. Apahidean, V. Feurdean, M. Apahidean, A. Lujerdean <i>Deuterium composition in plants with short lifetime (<i>Lactuca sativa</i> L.) for the study of plant responses to environmental changes: preliminary results</i> , Abstract, p. 70
45.	03-08.09 2005	11 th European Conference on the Spectroscopy of Biological Molecules, Frontiers in Biospectroscopy Aschaffenburg, Germany	C.I. Morari, C.M. Muntean, D. Bogdan <i>Theoretical simulations of the IR spectra of GC Watson-Crick and protonated Hoogsteen base pairs</i>

46.	05-08.09 2005	European Congress on Advanced Materials and Processes (EUROMAT 2005) Prague, Czech Republic	E. Indrea, Virginia Danciu, Veronica Cosoveanu, Simina Dreve, T.D. Silipas <i>Microstructural properties of highly porous materials</i>
47.			Simina Dreve, I. Bratu, E. Indrea <i>Edible thin film with chitosan and gold nanoparticles</i>
48.			V. Cosoveanu, V. Danciu, V. Trandafir, L. Baia, P. Anca, E. Indrea, M. Albu <i>Synthesis and characterization of novel titania, silica, collagen aerogels based composites for biomedical applications</i>
49.	07-09.09 2005	6th Balaton Symposium on High-Performance Separation Methods Siófok, Hungary	V. Coman, V. Avram, Z. Moldovan, A.I. Popa, A. Aldea <i>Chromatographic Characterization of Some Romanian White Wines from Târnave Vineyard</i>
50.	11-16.09 2005	6th International Symposium on Applied Isotope Geochemistry Prague, Czech Republic	Stela Cuna, Elise Pendall, Pieter P. Tans, James W. White <i>Separating natural and anthropogenic methane contributions in air from the Black Sea region, Romania</i>
51.	22-24.09 2005	Romanian International Conference on Chemistry and Chemical Engineering (RICCCE XIV) Bucharest, Romania	Virginia Danciu, Viorica Trandafir, Anca Peter, Veronica Cosoveanu, Monica Baia, L. Baia, E. Indrea, Madalina Albu <i>Metal doped TiO₂ aerogels: preparation and morpho-structural characterization</i>
52.			Anca Peter, L. Baia, Veronica Cosoveanu, E. Indrea, I.C. Popescu, Virginia Danciu <i>Metal doped TiO₂-SiO₂ mixed aerogels: preparation and morpho-structural characterization</i>
53.	26-30.09 2005	3rd Balkan Conference on Glass Science and Technology Varna, Bulgaria	Virginia Danciu, L. Baia, Veronica Cosoveanu, Monica Baia, E. Indrea <i>Metal oxide-titania aerogels: preparation and morpho-structural characterization</i>
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			Virginia Danciu, Viorica Trandafir, L. Baia, Veronica Cosoveanu, Monica Baia, E. Indrea <i>New biocomposites based on collagen, TiO₂ and SiO₂</i>
55.	28.09-01.10 2005	World Congress on Non-Invasive Studies of the Skin Philadelphia, USA	R.E. Imhof, P Xiao, E.P. Berg, Lorelai I. Ciorte <i>Rapid Measurement of TEWL with a Condenser-Chamber Instrument</i>
56.	03-08.10 2005	International Autumn School "Modern Biophysical Techniques for Human Health, From Physics to Medicine" Poiana Braşov, Romania	V. V. Morariu <i>The fractal approach to paintings</i>
57.			C.M. Muntean <i>Raman spectroscopy of DNA molecules</i>
58.			Stela Cuna, Gabriela Balas, C. Cuna <i>Physical methods for determination of gastrointestinal infections</i>
59.	09-14.10 2005	10 th International Conference on Multiphoton Processes (ICOMP) Quebec, Canada	Hyung Taek Kim, V. Tosa, I Jong Kim, Chang Hee Nam <i>Synchronized generation of bright high-order harmonics using self-guided and chirped femtosecond laser pulses</i>
60.	20-21.10 2005	1 st EMCO workshop "Analysis and removal of contaminants from wastewaters for the implementation of the Water Framework Directive (WFD), Dubrovnik, Croatia	Z. Moldovan <i>Determination of micropollutants in river water and sediments downstream of the wastewater treatment plant by GC/MS</i>
61.	24-26.10 2005	IEEE ROMSC Conference Iasi, Romania	S. Tanasescu, C. Marinescu, F. Maxim, M.N. Grecu, L.M. Giurgiu <i>The spin dynamics and thermodynamic properties of micro- and nanostructured Lanthanum manganites</i> $La_{0.67}Ca_{0.33}Mn_{1-x}Al_xO_3$ ($x=0-0.05$), Proc. p. 71
62.	03-04.11 2005	13 th International Symposium on Laser Spectroscopy (SOLS 2005), KAERI Daejeon, Korea	I Jong Kim, Chul Min Kim, Hyung Taek Kim, Gae Hwang Lee, Yong Soo Lee, Ju Yun Park, L. Vetrivel, Valer Tosa, Chang Hee Nam <i>Spectral characteristics of high-harmonics obtained by controlling temporal overlap between orthogonally polarized two-colour laser fields</i>
63.	11-12.11	3 rd Workshop	R. Turcu, N. Aldea, A. Nan, D.

	2005	Nanostructure-properties relationship NANOFUN-POLY Prague, Czech Republic	Macovei, O. Pana, D. Bica, L. Vekas, C.V.L. Pop, L.M. Giurgiu <i>Correlation between the synthesis parameters and the properties of polypyrrole-iron oxide nanocomposites</i> , Proc. p. 33
64.	11-13.11 2005	11 th International Conference on Chemistry Cluj-Napoca, Romania	A. Bende <i>Quantum Chemical Study of Intramolecular Hydrogen Bonds in tetramethyl 3,7-dihydroxybicyclo[3.3.1]nona-2,6-diene-2,4,6,8-tetracarboxylate</i>
65.	11-13.11 2005	International Scientific Conference “Several Aspects of Biology, Chemistry, Informatics, Mathematics and Physics” Oradea, Romania	I. Chereji, Stela Cuna, Gabriela Balas, P. Berdea, O. Cozar <i>A method for measuring the low levels of tritium as environmental tracer in groundwater</i>
66.			X. Filip, M. Chirtoc, J. Pelzl <i>Numerical Simulations of Heat transport in photothermal measurements techniques</i> , Book of Abstracts, p. 18
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			M.L. Soran, M. Curtui <i>TLC separation of thorium(IV) from rare earths (III) using di(n-butyl)- and di(iso-butyl)dithiophosphoric acids as complexing agents</i>
			O. Raita, D. Toloman, M.N. Grecu, A. Popa, X. Filip, A. Nan, S. Idziak, S.K. Hoffmann, R. Turcu, L.M. Giurgiu <i>Electron paramagnetic resonance investigation of Fe₃O₄/PPy core-shell nanoparticles</i> , Book of Abstracts, p. 20
			A. Popa, L. M. Giurgiu, M. Darques, L. Piraux, U. Ebels <i>Magnetic resonance of Co-nanowires</i>
			I. Bratu, A. Hernanz, Alexandra Olaru <i>FT IR spectroscopy and molecular modelling of Benzocaine/β-Cyclodextrin inclusion complex</i>

			Carmen Tripon, Dana Toloman, Mihaela Aluas, C. Filip, I. Ardelean <i>Structural investigation of the $xV_2O_5(1-x)[Bi_2O_3 \cdot B_2O_3]$ glasses by IR absorption, EPR and NMR</i> D. Toloman, C. Tripon, L.M. Giurgiu and I Ardelean <i>EPR and IR structural investigations on $xMnO(1-x)[3P_2O_5 \cdot CaO]$ glass system</i> E. Culea, I. Bratu, M. Bogdan, L. Giurgiu, I. Vida-Simiti, M. Culea, L. Pop, M. Bosca <i>Nanostructured phases in bismuthate glasses containing rare earth ions</i> E. Culea, I. Bratu, M. Bogdan, L. Giurgiu, M. Neumann, Lidia Pop, M. Bosca <i>Structural and magnetic behaviour of some bismuthate glasses containing cerium ions</i>
75.	28-29.11 2005	European XFEL Workshop, Paris, France	C. Altucci, V. Avaldi, V. Tosa, R. Velotta <i>HHG from aligned molecular systems</i>
76.	2005	3 rd International Workshop on Amorphous and Nanocomposites Magnetic Materials Iasi, Romania	L.M. Giurgiu <i>EPR at nanoscale: CMR manganites and Iron oxide / PPy composites</i>
2006			
1.	27.02-03.03 2006	11 th Winter Workshop on Photoacoustics and Thermal Wave Methods Ustron, Poland	A. Sikorska, D. Dădârlat, B.B.J. Linde, M. Streza, C. Neamțu, A. Śliwinski <i>Photoacoustic and photopyroelectric investigations of thermal parameters in water mixed with organic liquids</i>
2.	03-05.05 2006	Regional Conference "Balkan Medicine towards FP7" Bucharest, Romania	C.M. Muntean, C.I. Morari <i>DNA structural changes put into evidence by vibrational spectroscopy</i>
3.			C.M. Muntean, C.I. Morari <i>Spectroscopic studies of structural transitions in DNA molecules</i>
4.	03-06.05 2006	International Workshop on the Isotope Effects in Evaporation. Revisiting the Craig-Gordon Model Four	L. Feurdean, V. Feurdean, S. Apahidean, M. Apahidean, A. Lujerdean <i>Hydrogen isotopes in leaf water in</i>

		Decades after its Formulation Pisa, Italy	<i>lettuce and tomato</i> (Paper in extenso in conference book, p 49-54)
5.	14-18.05 2006	24 th Informal Meeting on Mass Spectrometry (IMMS) Ustron, Poland	C. Cuna, V. Bocos-Bintintan, Stela Cuna
6.			<i>Ultrasensitive detection of the pollutants by ion mobility spectrometry-mass spectrometry</i> , Proc. p. 64
7.			P. Berdea, Stela Cuna, C. Cuna, Gabriela Balas <i>On the correction of the memory effect in isotopic analysis</i>
			A. Pamula, C. Cuna, M. Leuca, I. Dobocan <i>Double beam, double quadrupole mass filter for precise isotope ratio measurements</i>
8.	25-28.05 2006	IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics (AQTR 2006, THETA 15) Cluj-Napoca, Romania	Z. Moldovan, G. Schmutzer, A. Alder
9.			<i>Assurance of quality control in analytical procedures using mass spectrometry</i>
10.			Mihaela Ligia Ungureșan, T. Colosi, E. Surducan, V. Surducan <i>Systemic approach for Numerical modeling and Simulation of the Impulse response for Rapid reaction Cu^{2+}-$S_2O_3^{2-}$</i> , Catalog Number: 06EX1370, Proc. p. 72-76, ISBN 1-4244-0360-X
11.			M. Gligan, Eva-Henrietta Dulf, Mihaela-Ligia Unguresan, C. Festila <i>Preliminaries regarding general modelling of the cryogenic distillation with application to ^{13}C isotope separation</i> , Proc. p. 155-159
12.			Eva-Henrietta Dulf, Ligia M. Unguresan, M. Gligan, C. Festila <i>Operational models of the cryogenic distillation column for ^{13}C isotope</i> , Proc. 159-163
13.			C. Festila, A. Baldea, M. Gligan, M. Abrudean <i>About the cryogenic distillation control for ^{13}C isotope separation</i> , Proc. 285-287

			E. Surducu, V. Surducu <i>Embedded controlled system for material dynamic processing in microwaves power field</i> , Proc. p. 62-65, ISBN (10) 973-713-114-2
14.	2006	ESA/IEJ/IEEE-IAS/SFE Joint Conference on Electrostatics 2006	E. Dervishi, A.S. Biris, A.R. Biris, D. Lupu, S. Trigwell, D.W. Miller, T.C. Schmitt, D.A. Buzatu, J.G. Wilkes <i>Transparent and electrically conductive carbon nanotube-polymer nanocomposite materials for electrostatic charge dissipation</i> , Proc. p. 636-646
15.	29-31.05 2006	2 nd International Symposium “Nanostructured and Functional Polymer-based Materials & Nanocomposites” (NANOFUN-POLY) Lyon-Villeurbanne, France	Izabell Crăciunescu, Alexandrina Nan, Rodica Turcu, O. Pană, I. Bratu, J. Liebscher <i>Synthesis and characterization of functionalized polypyrrole</i>
16.	01-03.06 2006	International Conference of Romanian Society of Biochemistry and Molecular Biology Constanța, Romania	Iulia Lupan, B. Ferencz, Maria Chiriac, O. Popescu <i>Synthesis of L-[¹⁵N]-Isoleucine, L-[¹⁵N]-Norleucine, L-[¹⁵N]-Norvaline by enzymatic method</i>
17.	11-15.06 2006	International Conference on Macromolecules “Advanced Polymeric Materials” Bratislava, Slovakia	A. Nan, I. Crăciunescu, R. Turcu, J. Liebscher, D. Bica, L. Vekas, N. Aldea, D. Macovei, O. Pana, O. Marinica <i>Magnetic nanocomposites based on polypyrrole and functionalized polypyrrole</i>
18.	21-23.06 2006	International Workshop on Nanostructured Materials, NANOMAT 2006 Antalya, Turkey	S. Tănăsescu, C. Marinescu, F. Maxim, L. Giurgiu <i>The influence of particle size and composition on the thermodynamic properties and spin dynamics of perovskite type materials</i> , Proc. p. 182
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			O. Raita, D. Toloman, G. Mihăilescu, Al. Darabont, C.V.L. Pop, L. Olenic, A. Popa, M.N. Grecu, S. Idziak, S.K. Hoffmann, L.M. Giurgiu <i>La_{2/3}Ca_{1/3}MnO₃ nanowires investigated by EPR</i> , Proc. p. 131
20.	24-28.06 2006	3 rd Humboldt Conference on Computational Chemistry Varna, Bulgaria	A. Bende, S. Suhai <i>Hydrogen bonding in urea dimers and adenine-tymine DNA base pair: Anharmonic effects in intramolecular and intramolecular H-bond vibrations</i> , Proc. p. 98
21.	26-30.06 2006	3 rd Conference on Laser Optics for Young Scientists (LOYS 2006) Saint Petersburg, Russian Federation	C.V.L. Pop, I. Turcu, S. Neamtu <i>Angular dependence of light scattered at small angle by biological cells in suspension</i>
22.	29-30.06 2006	International Conference REV2006 Maribor, Slovenia	M. Jalobeanu, C. Jalobeanu <i>The Nowadays ICT Teacher' Challenges: From Kidlink to Web Generation</i> , http://www.online-lab.net/rev
23.	06 2006	38 th European Group for Atomic Systems Annual Conference Ischia, Italia	Procino, C. Altucci, S. Amoroso, R. Bruzzese, V. Tosa, R. Velotta, C. Vozzi, X. Wang <i>Compression of frequency doubled Nd:glass laser pulses down to 40 fs</i>
24.	02-05.07 2006	XXI International Symposium on Physico-Chemical Methods of Separation Torun, Polonia	M.L. Soran, M. Curtui, I. Bros, A. Soran <i>TLC separation of U(VI), Th(IV), Co(II), Ni(II) and Cu(II) on various stationary phases using HDEHDTP as complexing agent</i>
25.			I. Bros, M.L. Soran, F. Tusa, E. Surducan, V. Surducan <i>Composition analysis of inland sunflower and corn oils by gas-chromatography</i>
26.	15-21.07 2006	International conference "SAMOS VI. Embedded Computer Systems: Architectures, MOdeling, and Simulation" Samos, Greece	D. Iancu, Hua Ye, E. Surducan, M. Senthilvelan, J. Glossner, V. Surducan, V. Kotlyar, A. Iancu, G. Nacer, J. Takala <i>Software implementation of WiMAX on the sandbridge SandBlaster platform</i>

27.	16-21.07 2006	2nd EUROMAR Conference York, England	A. Popa, D. Toloman, M.N. Grecu, I. Crăciunescu, A. Nan, X. Filip, O. Raita, R. Turcu, L.M. Giurgiu <i>Magnetic resonance investigations of core-shell Fe₃O₄/PPY nanocomposites</i> , Proc. p. 43
28.			D. Toloman, M.N. Grecu, I. Crăciunescu, X. Filip, I. Ardelean, O. Raita, R. Turcu, L.M. Giurgiu <i>Temperature dependence of electron magnetic resonance and magnetization in PPY α Fe₂O₃ nanocomposites</i> , Proc. p. 133
29.			C. Tripon, M. Aluaş, X. Filip, C. Filip <i>Time scales in the CP-MAS dynamics</i> , Proc. p. 133
30.	16-21.07 2006	Carbon 2006, The International Carbon Conference Scotland, UK	Y. Soneda, H. Hatori, L. Duclaux, D. Lupu, A.R. Biriş, I. Mişan <i>Synthesis of multiwalled carbon nanotubes by CCVD – a comparison between outer furnace and induction heating</i>
31.	22-25.07 2006	COST Action P17: Electromagnetic Processing of Materials, Workshop on Magnetic Nanofluids and Composites: Synthesis, Properties and Applications Timișoara, Romania	Rodica Turcu <i>Novel core-shell nanostructures based on conducting polymer and magnetic nanoparticles</i>
32.	10.08 2006	Workshop “Method of Environmental Research” Warsaw, Poland	Stela Cuna <i>The use of stable isotopes of carbon to study the sources and sinks of some greenhouses gases (CO₂, CH₄)</i>
33.	26-27.08 2006	XXI International Symposium on Physico-Chemical Methods of Separation “Advances in microwave-Assisted Organic Synthesis” (MAOS 2006). Conference and Exhibition Budapest, Hungary	I. Broş, E. Surducan, V. Surducan, C. Neamţu <i>Dynamic processing of materials in microwave power field – experimental procedure and apparatus</i>
34.	27-31.08 2006	1st European Chemistry Congress Budapesta, Ungaria	Z. Moldovan, G. Schmutzer, F. Tusa, N. Palibroda, A. Alder, L. Mic, R. Chira <i>Characterization of pharmaceutical</i>

			<i>and personal care products as micropollutants in wastewater treatment plant</i>
35.	30-31.08 2006	Annual Meeting of Societee Francaise d'Electrostatique (SFE2006) Grenoble, France	A.S. Biris, E. Dervishi, S. Trigwell, A.R. Biris, D. Lupu, D. Saimi, R. Sharma, J. Tebbets, M.K. Mazumder <i>Surface and bulk resistivity control for thin films of carbon nanotube-polymer composite materials</i>
36.	27.08-01.09 2006	17 th International Conference on Mass Spectrometry Praga, Cehia	Z. Moldovan, G. Schmutzer, A. Alder <i>Determination of pharmaceutical compounds in aquatic environment by GC/ITMS</i>
37.	03-06.09 2006	2 nd International Conference Advanced Spectroscopies on Biomedical and Nanostructured Systems (NANOSPEC) Cluj-Napoca, Romania	Z. Moldovan, G. Schmutzer, A. Alder
38.			<i>Mass spectrometric study of pharmaceuticals thermal decomposition</i>
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43.			Laura Muresan, Elisabeth-Jeanne Popovici, Amalia Mesaros, Maria Stefan, Rodica Grecu, E. Indrea <i>Spectral investigation of nanostructured europium activated yttrium oxide powders</i>
44.			
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48.			Elisabeth-Jeanne Popovici, M. Nazarov, Laura Muresan, Amalia Mesaros, E. Indrea <i>Studies on yttrium oxide based phosphor fine powders prepared by solid-state synthesis route</i>
49.			
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53.			Simina Dreve, E. Indrea, I. Bratu, Gh. Mihailescu, Liliana Olenic, Maria Tomoaia-Cotisel, Aurora Mocanu <i>Chitosan with gold nanoparticles for medical applications</i>
54.			
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58.			V.V. Morariu, P.T. Frangopol, Gh. Tomoaia, A. Mocanu, C-R. Ispas, D.C. Dubert, M. Tomoaia-Cotișel <i>Surface potential fluctuations within surfactant nanolayers at fluid interfaces</i>

C.M. Muntean, R. Misselwitz, H. Welfle <i>The influence of Mn^{2+} on DNA structure, in the presence of Na^+ ions: a Raman spectroscopic study</i>
I. Bratu, A. Olaru, A. Hernanz, S. Simon <i>Inclusion complex of benzocaine with β-cyclodextrin</i>
I. Bratu, Gh. Borodi, I. Kacsó, D. Constantinescu <i>Inclusion complex of Captopril / β-cyclodextrin. FT IR, X-ray diffraction and molecular modeling</i>
I. Bratu, Gh. Borodi, I. Kacsó, D. Constantinescu <i>Inclusion complex of Fosinopril / β-cyclodextrin. FT IR, X-ray diffraction and molecular modeling</i>
I. Bratu, Gh. Borodi, Cs. Racz, Gh. Tomoaia, M. Tomoaia-Cotișel, A. Mocanu, I. Kacso, S. Santa <i>Inclusion complex of lipoic acid with β-cyclodextrin. FT IR and Raman spectroscopy, X-ray diffraction and molecular modeling</i>
Gh. Mihailescu, L. Olenic, S. Pruneanu, I. Bratu, I. Kacso <i>The effect of pH on amino acids binding to gold nanoparticles, Book of Abstracts p. 91</i>
S. Dreve, E. Indrea, I. Bratu, Gh. Mihailescu, L. Olenic, M. Tomoaia-Cotisel, A. Mocanu <i>Chitosan with gold nanoparticles for medical applications</i>
D. Toloman, M.N. Grecu, A. Popa, A. Nan, X. Filip, O. Raita, S. Idziak, S.K. Hoffmann, R. Turcu, L.M. Giurgiu <i>An EPR investigation of Fe_3O_4 / PPY Core- Shell Nanoparticles, Book of Abstracts p. 144</i>
A. Popa, D. Toloman, L.M. Giurgiu, U. Ebels, M. Darques, L. Piraux <i>Dipolar interactions field in chain of Co nanowires, Book of Abstracts p. 166</i>

			M. Vasilescu, B. Fentiu, L.M. Giurgiu, S. Simon <i>²⁷Al MAS NMR Structural studies on porous membranes with metallic insertions</i> , Book of Abstracts p. 176
			Xenia Filip, Carmen Tripon, Mihaela Aluaş, Simona Motogna, C. Filip <i>New analytical tools for characterizing spin dynamics in solid-state NMR on complex systems</i> , Book of Abstracts p. 105
			Diana Bogdan, C.M. Muntean <i>Numerical simulations of the IR spectra of GC Watson-Crick and protonated Hoogsteen base pairs</i>
			C. Tripon, M. Aluaş, X. Filip, C. Filip <i>Probing remote ¹³C-¹H couplings by cross-polarization under magic angle spinning (CP/MAS)</i> , Book of Abstracts p. 53
			M. Aluas, C. Tripon, X. Filip, S. Simon, C. Filip <i>Advanced solid-state NMR techniques for 3D structural elucidation of biomolecules from ¹H-¹H contacts</i> , Book of Abstracts p. 52
			Amalia Mesaros, Elisabeth-Jeanne Popovici, Laura Muresan, Maria Stefan, E. Indrea <i>Studies on the synthesis of cerium activated yttrium aluminate nanocrystalline phosphoros</i>
			N. Aldea, B. Barz, F. Aldea <i>Weaknesses of the pseudo-Voigt distribution used in the characterization of nanostructured materials based on the powder X ray diffraction method</i> , Book of abstracts p. 176
			M. Streza, V. Simon, C. Neamtu, D. Dadarlat <i>High accuracy photopyroelectric calorimetry application to liquid mixtures and composites</i>
59.	03-08.09 2006	European Conference on Surface Science (ECOSS	O. Pană, C.M. Teodorescu, O. Chauvet, C. Payen, D. Macovei, R.

		24) Paris, Franța	Turcu, M.L. Soran, N. Aldea, L. Barbu <i>Structure, morphology and magnetic properties of Fe-Au core-shell nanoparticles</i>
60.	06-08.09 2006	International Conference of Physical Chemistry ROMPHYSICHEM-12 Bucharest, Romania	N. Aldea, B. Barz, F. Aldea <i>Global and local structure of supported gold catalysts determined by EXAFS and XRD using synchrotron radiation</i>
61.			Mihaela Lazar, Robert Angelici <i>Adsorption and stability of alkylisocyanide on gold film</i>
62.	06-09.09 2006	Workshop on Current Trends in Nanoscopic and Mesoscopic Magnetism Santorini, Greece	L.M. Giurgiu <i>Effects of the size reduction and Mn-substitution as seen by ESR in $La_{2/3}Ca_{1/3}MnO_3$ manganites</i>
63.	10-14.09 2006	European Society for New Method in Agriculture Research, XXXVI ESNA Annual Meeting Iasi, Romania	S Apahidean, M Apahidean, A Lujerdean, V. Feurdean, L. Feurdean, H. Criveanu <i>The isotopic discrimination of the hydrogen in leaf water of tomato and lettuce, Abstract p. 108</i>
64.	10-14.09 2006	4 th Interanational Conference on Polymer Modification, Degradation and Stabilization (MoDeSt 2006) San Sebastian, Spania	R. Turcu, A. Nan, E. Goiti, C. Mijangos, I. Crăciunescu, O. Pană <i>The thermal stability of new magnetic-polymer nanocomposites</i>
65.	10-14.09 2006	5 th International Conference of the Chemical Societies of the South-East European Countries (ICOSECS 5) & The XIX Congress of the Chemists and Technologists of Macedonia Ohrid, Macedonia	M. Fábíán, E. Veress, I. Bratu, E. Culea, E. Indrea, E. Sváb <i>New borosilicate glasses developed as host media for actinides immobilization</i>
66.			M.L. Soran, M. Curtui, D. Gherman <i>Di(n-butyl)- and di(iso-butyl)dithiophosphoric acids-complexing agents in TLC separation of U(VI), Th(IV) and other transition metal ions</i>
67.			M.L. Soran, O. Pană, C.M. Teodorescu, R. Turcu, L. Barbu <i>Synthesis of iron-gold-polypyrrole core-shell nanoparticles</i>
68.			

			I. Bros, M.L. Soran, A. Nan, J. Leistner <i>The analysis of olive and corn oils composition by high-performance liquid chromatography</i>
69.	11-14.09 2006	5 th International Edition of Conference on Advanced Materials (ROCAM) București-Măgurele, Romania	N. Aldea, B. Barz, P. Marginean, V. Rednic, S. Pintea, A. Gluhoi, B.E. Nieuwenhuys, X. Yaning, F. Aldea <i>Crystalline and electronic structure of gold nanoclusters determined by EXAFS, XRD and XPS methods</i>
70.			Al. Darabont, C. Neamțu <i>Czochralski growth of pure and doped lead tungstate single crystals</i>
71.			A. Popa, D. Toloman, L.M. Giurgiu, U. Ebels, M. Darques, L. Piraux <i>Calculation of the mean field dipolar interaction between Co nanowires</i> , Proc. p. 142
72.			D. Toloman, C. Tripon, L.M. Giurgiu, I. Ardelean <i>IR, EPR and magnetic susceptibility studies on manganese ions in 3P₂O₅CaO glass matrix</i> , Proc. p. 221
73.			C. Neamțu, Al. Darabont <i>Melt growth of pure and doped lead(II) halide single crystals</i>
74.	11-14.09 2006	23 ^e Journées Francaises de Spectrométrie de Masse et 4 ^e Journées de la Société Francaise des Isotopes Stables Nantes, France	S. Cuna, C. Cuna, N. Palibroda, G. Balas <i>Determination of the authenticity and regional origin of Romanian wines using isotope ratio mass spectrometry</i> , Book of Abstracts p. 233
75.			A. Pamula, C. Cuna, M. Leuca <i>Est-il possible d'utiliser des filtres de masse quadrupolaires pour des determinations precises de rapports isotopiques?</i>
76.			D. Axente <i>Production d'azote-15 pour les combustibles nucleaires de type nitrure</i>
77.	15-16.09 2006	Workshop on NANOFUN-POLY Internal Research Projects San Sebastian, Spania	R. Turcu, I. Crăciunescu, A. Nan, N. Aldea, O. Pană, M.L. Soran, D. Bica, L. Vekas, O. Chauvet, C. Payen, L. Barbu

			<i>Conjugated polymer coated magnetic nanoparticles</i>
78.	16-28.09 2006	9th International Summer School on Biophysics Supramolecular Structure and Function Rovinj, Croatia	C.M. Muntean, L. Dostál, R. Misselwitz, H. Welfle <i>Raman spectroscopic study on the low pH-induced DNA structural changes, in the presence of Mn²⁺ ions</i> , Book of abstracts (ISBN 953-6690-62-4) p. 152
79.	21-23.09 2006	4th International Conference on Materials and Manufacturing Technologies -MATEHN'06 Cluj-Napoca, Romania	E. Indrea, Simina Dreve, D.T. Silipas, Virginia Danciu, Veronica Cosoveanu, H.I. Nascu <i>Photoelectrochemical cells based on dye-sensitized TiO₂ semiconductor electrodes</i>
80.	21-24.09 2006	XVth International Symposium Deltas and Wetlands Tulcea, Romania	V. Feurdean, L. Feurdean, C. David <i>Deuterium Distribution in the Danube Delta Waters: Evidences and Constrains</i> Abstract in <i>Scientific Annals of the Danube Delta Institute</i> 12
81.	23-26.09 2006	5th International Conference on Inorganic Materials Ljubljana, Slovenia	E. Culea, E. Indrea, I. Bratu, E. Veress, M. Fábíán, E. Sváb <i>Structural characterization of and Ce³⁺/Ce⁴⁺ redox equilibrium in simulated HLW borosilicate glasses</i>
82.	27-30.09 2006	International Symposium on Ultrafast Intense Laser Filamentation Quebec, Canada	Chang Hee Nam, Hyung Taek Kim, I Jong Kim, V. Tosa <i>Guided propagation and profile flattening of intense fs laser pulse in a long gas jet for strong high harmonic generation</i>
83.	03-07.10 2006	Interaction of Atoms, Molecules and Plasmas with Intense Ultrashort Laser Pulses Szeged, Hungary	V.S. Yakovlev, V. Tosa, F. Krausz <i>Using shortwave infrared few-cycle pulses for generation of keV harmonics and attosecond pulses in gases</i>
84.	09-11.10 2006	International Symposium for High Performance Thin-Layer Chromatography Berlin, Germania	M.L. Soran, M. Curtui, A. Nan <i>TLC Separation of Th(IV) and Ln(III) on various stationary phases using HDEHDTP as complexing agent</i>
85. 86.	30.10-03.11 2006	The XI Conference on the Physics of Non-Crystalline Solids Rhodes, Grecia	Carmen Tripon, Dana Toloman, Mihaela Aluas, I. Ardelean <i>Structural characteristics of boron-bismuthate glasses with transitional ions content</i>

			D. Toloman, C. Tripon, O. Raita, L. M. Giurgiu and I. Ardelean <i>Structural And Magnetic Investigations of $x\text{MnO}(1-X)[2\text{P}_2\text{O}_5\cdot\text{CaO}]$ Glass System</i>
87.	23-24.11 2006	Workshop “Novel Approaches for the preparation of Nanostructured Magneto-Polymer Composites”, ICTP, Retea de excelenta FP6 – NANOFUN-POLY Madrid, Spania	O. Pana <i>Structure, morphology and magnetic properties of the core-shell magnetic nanoparticles and their polymeric composites</i>
88.	23-24.11 2006	7th Austrian Stable Isotope User Group Meeting Graz, Austria	Stela Cuna <i>Carbon storage, stable Isotopes, and trace gas fluxes in the Danube Delta-Black Sea region</i>
89.	04-06.12 2006	Man and River Systems II: Interactions among Rivers, their Watershed and the Sociosystem Paris, France	V Feurdean, L Feurdean <i>Using natural distributions of deuterium to identify groundwater origin and flow path from adjacent land of Danube Delta, Romania,</i> Paper in extenso in conference book ISBN 2-85978-427-6, p 87-92, 2006

Anexa 5.3. Lista modele fizice, modele experimentale, modele funcționale, prototipuri, normative, proceduri, metodologii, reglementări și planuri tehnice noi sau perfecționate, realizate în cadrul programelor naționale sau comandate de beneficiar

Nr. crt.	Proiect Contract	Rezultat
2002		
1.	A27. Metode și tehnici neconvenționale de procesare a substanței în câmp de microunde de putere, cu aplicații în fizica moleculei Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002	Tehnologie de pregătire a probelor pentru analize prin digestie/ extracție în câmp de microunde de putere
2.	A116. Îmbogățirea ^{235}U prin schimb chimic în sistemul $\text{U}^{4+}-\text{UO}_2^{2+}$ pe rășini schimbătoare de ioni; compuși marcați cu izotopi stabili Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002	Tehnologie pentru sinteza compusului uracil- ^{15}N
3.		Tehnologie pentru sinteza compusului hidroxilaminei- ^{15}N
4.		Tehnologie pentru sinteza compusului timina- $^{15}\text{N}_2$
5.		Tehnologie pentru sinteza a hipoxantinei- ^{15}N
6.	A118. Tehnologie pentru separarea ^{13}C prin distilarea la temperaturi joase a monoxidului de carbon Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002.	Instalație experimentală de separare a ^{13}C prin distilare la temperaturi joase
7.	A119. Noi materiale absorbante de hidrogen pentru acumulatorii electrici Ni-hidrura metalică Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002.	Instalație pentru producerea nanostructurilor de carbon prin metoda descompunerii catalitice a hidrocarburilor
8.		Metodă de producere a nanostructurilor de carbon
9.	A122. Sistem de achiziție și control pentru instalații de separări izotopice Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002.	Interfață de intrare/ieșire date analogice și digitale
10.		Software de achiziție date cu interfață grafică specializată
11.	A124. Cercetarea, proiectarea și realizarea de aparatură analitică cu performanțe adecvate controlului calității mediului Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002.	Modul electronic pentru prelucrare semnal
12.		Model experimental detector ECD și cu ionizare în heliu

13.	A125. Dezvoltarea și aplicarea unor metode spectrometrice de masă specifice domeniului biomedical utilizând izotopi stabili Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002.	Metode de extragere a apei din țesuturi biologice și de analiză a deuteriului
14.		Metodă de diagnostic a infecțiilor gastrointestinale folosind spectroscopia de masă a izotopilor stabili
15.		Metodă de analiză izotopică a ^{13}C și D din țesuturi și fluide biologice
16.	A126. Elaborarea de ansamble și metode spectrometrice de masă pentru aplicații la analize și procese izotopice la controlul poluării Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002.	Sursă de ioni cu filamente multiple
17.		Metodă de preparare și prelevare probe de metan și hidrocarburi ușoare din aer
18.	A127. Studiul proceselor de ciocnire electron-moleculă și ion-moleculă pe sisteme moleculare heteroatomice Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002.	Metode de determinare a structurii izometrice la eteri biosintetizați
19.		Metoda de detectare a ionilor metastabili și de determinare a energiei cinetice eliberate la fragmentare
20.		Metoda de caracterizare structurală la polimeri prin metoda cuplajului Pirolizor-Cromatograf-Spectrometru de masă
21.	A128. Marcarea izotopică naturală utilizată la studiul fluidelor din zăcămintele de hidrocarburi Contract nr. 555/2000, Act adițional nr. 1/08.03.2002 și nr. 2/8.11.2002.	Metodă de preparare a probelor și analiză a deuteriului din probe de hidrocarburi
2003		
1.	Obținerea și caracterizarea unor materiale micro și nanostructurate pe bază de polipirol și compozite polipirolice cu proprietăți controlate Contract nr. 82/2001 – MATNANTECH	Metodă chimică de obținere a polipirolului (PPY) și nanocompozitelor polipirolice PPY-SiO ₂
2.		Metodă electrochimică de obținere a polipirolului
3.	Tehnologie de obținere la nivel industrial a unor materiale ceramice și sisteme vitroase utilizate la stocarea deșeurilor radioactive Contract nr. 3681/2000 – RELANSIN	Proces tehnologic – sticlă borosilatică având capacitate ridicată de stocare a deșeurilor radioactive de tip UO ₃
4.		Metode de caracterizare și control a structurii locale în sisteme vitroase investigate prin tehnica analizei Funcției de Distribuție Atomică Radială
5.		
6.		Metoda de caracterizare a structurii matricilor ceramice SYNCRON prin tehnica de difracție de raze X

Metodă de caracterizare microstructurală a componentilor cristalini prin analiza profilului liniei de difracție de raze X

Nr. crt.	Proiect Contract	Rezultat
2004		
1.	Noi metode și tehnici optice și fototermice destinate investigării și caracterizării substanțelor și biosistemelor Contract nr. 042/2001 – BIOTECH	Instalație de împrăștiere coerentă a radiației LASER
2.		Instalație foto-piro-electrică pentru determinări calorimetrice în configurație directă (PPE), în configurație inversă (IPPE) și determinări spectroscopice (SPPE)
3.		
4.		
		Metodă de detecție și analiză a intensității radiației LASER împrăștiate coerente pe suspensii de microparticule de interes biotehnologic
		Metodă de caracterizare a dinamicii fluctuațiilor intensității radiației LASER împrăștiate coerente pe suspensii de microparticule de interes biotehnologic
5.	Cercetări privind realizarea unui cromatograf de lichide de înaltă performanță Contract nr. 58/2001 – CERES	Procedura de calcul a profilului teoretic al roților dințate necirculare pentru asigurarea unui debit constant al unității de pompare
6.		Procedura de realizare a roților dințate necirculare
7.		Procedura de operare a sistemului HPLC 2000
8.	Efectele substituției cu ioni metalici asupra proprietăților specifice materialelor perovskitice cu magnetorezistență gigantică Contract nr. 56/2001 – CERES	Metodă de sinteză a manganților perovskitici substituiți de tipul $\text{La}_x\text{Ca}_{1-x}\text{Mn}_{1-y}\text{A}_y\text{O}_3$ ($\text{A}=\text{In}, \text{Al}$; $y=0.01-0.05$) în diferite condiții de temperatură
9.	Prepararea și studiul structurii cristaline și electronice prin utilizarea radiației sincrotrone a agregațiilor metalici cu aplicații în reacțiile de schimb izotopic și de hidrogenare Contract: nr. 59/2001 – CERES	Metodologie de preparare a catalizatorilor de nichel suportați $\text{Ni}/\text{Cr}_2\text{O}_3$, Ni/ZnO , Ni/TiO_2 , Ni/ZrO_2 , Ni/SiO_2 , Ni/SiO_2 , Ni/ThO_2 și Ni/UO_2 prin utilizarea metodelor de coprecipitare și impregnare
10.		
11.		
12.		
13.		
14.		
		Metode de aproximare globală ale liniilor de difracție de raze X prin utilizarea distribuției Fermi generalizată prin analiza comparată a factorului rezidual cu alte distribuții de tip Voigt, pseudo Voigt sau Pearson VII
		Metode de analiza Fourier a liniilor de difracție de raze X prin metode analitice și numerice folosind tehnici software

		Metodă de determinare a structurii globale (dimensiunea medie a cristalitelor, curba de distribuție a acestora, parametri de deformare a rețelei cristaline, probabilitate globală de defecte) a catalizatorilor investigați Modelul structurii locale prin procesarea spectrelor de absorbție de raze X pe baza produselor software create (raza sferelor de coordinare, numărul de atomi din fiecare sferă de coordinare, parametrul termic de tip Debye Waller și parcursul liber mijlociu) Modelul teoretic de chemosorbție a fazei gazoase la suprafața cristalitelor metalice cu suport oxidic pe baza modelului teoretic Anderson-Gremley-Newns
15.	Încapsularea moleculară a unor substanțe bioactive în ciclodextrine	Metodologie de obținere și evidențiere a complexilor moleculari de incluziune
16.		Modelarea și simularea moleculară a structurii geometrice a complexilor de incluziune
	Contract nr. 041/2001 – BIOTECH	
17.	Nanostructuri perovskitice $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ cu magnetorezistență colosală: caracterizarea structurală, magnetică și a dinamicii de spin	Metodă de sinteză a nanopulberilor de manganiți perovskitici în condiții de temperatură diferite
18.		Metodă pentru testarea de laborator prin SEM și împrăștiere de raze X a nanopulberilor de $\text{La}_x\text{Ca}_{1-x}\text{MnO}_3$
	Contract nr. 59/2001 – MATNANTECH	
19.	Dezvoltarea unor metode bazate pe fracționarea naturală a izotopilor stabili pentru caracterizarea plantelor obținute prin procese biotehnologice	Metodă de determinare a variației discriminării izotopice a ^{13}C datorită metabolismului plantei
20.		Metodă de determinare a concentrației de CO_2 intercelular
21.		Metodă de determinare a parametrului de eficiență de utilizare a apei (WUE)
	Contract nr. 355/2002 – BIOTECH	
22.	Structuri supramoleculare electroactive de tipul polimer conductor – polimer izolator și polimer conductor – matrice zeolitică	Metodă de laborator pentru obținerea compozitelor polipirol – polimer izolator
23.		Metodă de laborator pentru obținerea compozitelor polipirol – matrice zeolitică
	Contract nr. 4/2002 – CERES	
24.	Cercetări izotopice și moleculare privind identificarea, caracterizarea și evaluarea componentelor și proceselor din sisteme	Metodă de laborator pentru prelucrarea probelor în vederea separării cromatografice și a înregistrării de spectre de masă pentru substanțe din clasa hopanilor

	chemoautotrofe	
	Contract nr. 5/2002 – CERES	
25.	Studiul separării izotopilor oxigenului pe baza experienței și facilităților existente în țară	Metodă de analiză a izotopilor oxigenului prin spectrometrie de masă
	Contract nr. 73/2002 – CERES	

Nr. crt.	Proiect Contract	Rezultat
2005		
1.	PN03 29 01 04. Sisteme de detecție cromatografice performante specifice analizelor de urme	ME detector conductometric cu filamente bandă din polipirol
2.		ME detector conductometric cu traductori piroelectrici
3.		
4.		ME sistem de polarizare în regim pulsatoriu pentru detectorii cu ionizare în heliu
5.		Stand de testare cu 5 posturi a anduranței filamentelor bandă din polipirol
6.		Stand de testare traductori piroelectrici ultratermostatat cu module termoelectrice
7.		Modelare electrică detectori termoconductometrici cu 4 și 2 filamente
8.		Modelare termodinamică a celulei de detecție cu filamente bandă din polipirol
	Contract nr. 14N/05.05.2003 – NUCLEU	Metode de prelucrare numerică a semnalului prelevat de la detectorii termoconductometrici
9.		Detector de monoxid de carbon (dioxid) de tip NDIR
10.		
	Contract nr. 14N/05.05.2003 – NUCLEU	Unitate de explorare spectrală
11.	Sistem robotizat de urmarire a suprafetelor in 3D destinat tehnicilor laser de curatire	Prototip sistem PCU (Pressing Cart Unit) pentru urmărirea suprafețelor
	Contract nr. 21/2003 – EUREKA	
12.	Modelarea propagării pulsurilor laser ultrascurte în gaze și atmosferă	Program de modelare a propagării pulsului laser prin medii gazoase ionizante
	Contract 3-71/2003	
13.	Detector ultrasensibil de explozivi	Model funcțional de detector ultrasensibil de explozivi

	Contract 3-73/2003	
14.	Controlul computerizat al instalațiilor de separare utilizând logica fuzzy	Model experimental al sistemului de control instalații de separare
15.		Modulul de software destinat controlului prin logica fuzzy a instalației de separare ^{15}N
16.		
	Contract nr. 3-75/2003	Modulul de software de interfațare grafică pentru urmărirea instalației
17.	Decuplare de spin în spectroscopia de rezonanță magnetică nucleară (RMN). Metode avansate pentru aplicații în domeniul biotehnologiei	Programe pentru simulare numerică a proceselor de decuplare heteronucleare în spectroscopia RMN pe solide
18.		Model analitic pentru descrierea fizică a proceselor multi-spin care limitează rezoluția spectrală în cadrul metodelor de decuplare heteronucleară în spectroscopia RMN pe solide
19.		
	Contract nr. 3-76/2003	Metodă nouă de decuplare heteronucleară în spectroscopia RMN pe solide (RS-HEPT: Rotor Synchronized Hahn-Echo Pulse Train)
20.	Procesarea dinamică a substanței în câmp de microunde de putere în sistem cu control inteligent Contract nr. 3-77/2003	Model experimental al sistemului inteligent pentru tratamente neconvenționale în câmp de microunde de putere
21.	Cercetări privind îmbogațirea izotopului ^{235}U prin schimb izotopic pe rășini schimbătoare de ioni Contract nr. 3-78/2003	Software pentru colectarea simultană a curenților ionici la spectrometrul de masă cu ionizare termică
22.	Sistem robotizat de generare a suprafețelor tridimensionale destinat utilizării tehnicilor laser de curățare Contract nr. 3-79/2003	Model experimental sistem de urmărire a suprafețelor
23.	Cercetări privind elaborarea de tehnologii pentru obținerea de substanțe marcate cu izotopi stabili Contract nr. 14N/05.05.2003	Tehnologie de obținere a pentanolului D12 deuterat
24.		Tehnologie de obținere a acidului gama aminobutiric ^{15}N
25.		
26.		Tehnologie de obținere a acidului stearic deuterat
27.		Tehnologie de obținere a L-alaninei ^{15}N
		Tehnologie de obținere a cafeinei ^{15}N
28.	Investigarea interacțiunilor intermoleculare și procesarea acestora cu radiație electromagnetică	Modelarea proprietăților de corelare a mobilității atomice a proteinelor

	Contract nr. 14N/05.05.2003	
29.	Cercetări privind obținerea L-aminoacizilor marcați cu izotopul ^{15}N prin sinteză enzimatică Contract nr. 3260/2003	Metodă de obținere a enzimelor: LeuDH (Leucindehidrogenaza) de la <i>Bacillus stearothermophilus</i> și a GlucDH (glucozodehidrogenaza) de la <i>Bacillus subtilis</i> , prin metoda ADN-ului recombinat
30.		Metodă de obținere a L-valinei și L-leucinei marcate izotopic cu ^{15}N , pornind de la cetoacizii corespunzători, clorura de amoniu- ^{15}N (materie primă marcată izotopic) și enzimele LeuDH–GlucDH
31.	Investigarea transportului de hidrogen în structurile atmosferă-sol-plante utilizând trasori izotopici naturali Contract nr. 3-74/2003	Metodă izotopică de studiu a infiltrării apei în sol
32.	Cod CNCSIS 131. Sinteza și studiul proprietăților polipiroulului (PPY) nanostructurat cu aplicabilitate în domeniul reținerii ionilor metalici din soluții Contract nr. 33537/01.07.2003	Metodă de sinteză pentru obținerea polipiroulului sub formă de nanotuburi cu proprietățile electrice și electrochimice îmbunătățite
33.	Cod CNCSIS 442. Rezonanță magnetică în sisteme nanostructurate și nanoparticule metalice Contract nr. 41398/12.11.2003	Metodă de determinare prin RES a gradului de orientare a nanoparticulelor magnetice insertate în matrici polimerice
34.		Modelarea efectelor reducerii dimensiunii asupra parametrilor spectrali RES

Nr. crt.	Proiect Contract	Rezultat
2006		
1.	Surfactanți și medii de dispersie deuterate pentru nanofluidice magnetice Contract nr. 4-36/2004	Instalația de studiu și producere de acizi grași deuterati
2.		Tehnologie de obținere a acidului stearic total deuterat
3.		
4.		Tehnologie de obținere a ciclohexanolului total deuterat
5.		
6.		Metodă de obținere a nanofluidului magnetic având ca stabilizant acid gras total deuterat
7.		
8.		Metodă de preparare a unui nanofluid magnetic cu componente deuterate

		Metodă de certificare a parametrilor macroscopici ai fluidului magnetic cu componente deuterate
		Metodă de determinare a nanostructurii fluidului magnetic prin SANS
		Tehnologia de preparare a acizilor grași saturați total deuterați
9.	Principiile și aspectele neconvenționale ale difuzometriei RMN în lichide confinate Contract nr. 4-34/2004	Bobină de gradient pe poziția Z
10.	Influența ionilor de pământuri rare asupra mecanismelor de formare a fazelor nanostructurate în matrici vitroase și vitroceramice Contract nr. 4-138/12.11.2004	Sticle NSVPR din sistemul $3\text{Bi}_2\text{O}_3\text{PbO}$ ce conțin ioni ai pământurilor rare (Eu, Er, Ce și Tb)
11.		Nanoclusteri magnetici caracterizați fiecare de un moment magnetic efectiv
12.		Metodă de preparare a unor materiale noi (sisteme vitroase SVPR) pe bază de $\text{Bi}_2\text{O}_3\text{-B}_2\text{O}_3$ dopați cu diverși ioni de pământuri rare de tipul $x\text{RO}(1-x)(\text{Bi}_2\text{O}_3\cdot\text{PbO})$ ($\text{RO} = \text{Nd}_2\text{O}_3, \text{Gd}_2\text{O}_3, \text{Eu}_2\text{O}_3, \text{CeO}_2$)
13.		Metodă pentru caracterizarea structurii și proprietăților sticlelor NSVPR din sistemul $3\text{Bi}_2\text{O}_3\cdot\text{PbO}$ ce conțin ioni ai pământurilor rare (Eu, Er, Ce, Tb)
14.	Microdetectors termoconductometrici de temperaturi joase, pe bază de polimeri conductori Contract nr. 4-33/04.11.2004	Model experimental echipament gaz-cromatograf de temperaturi joase, termostatat cu module termoelectrice
15.		Model experimental de gaz-cromatograf de temperaturi joase
16.		Modelarea termică a microcelulei de detecție termoconductometrică cu filamente bandă din polipirol
17.	Fenomene de interfață și suprafață la generarea nanotuburilor de carbon Contract nr. 4-48/04.11.2004	Nanotuburi de carbon de diferite tipuri
18.		Metodă de purificare a nanotuburilor de carbon sintetizate prin metoda CCVD din etanol pe catalizator Fe:Co:MgO
19.	Cercetări privind utilizarea filtrelor de masă cuadrupolare pentru măsurarea rapoartelor izotopice prin detecție simultană a curenților ionici	Dublu analizor de masă cuadrupolar

	Contract nr. 4-31/04.11.2004	
20.	Nanostructuri de perovskiți manganitici pentru aplicații ca atenuatori de microunde controlabili prin câmp magnetic Contract nr. 263/12.10.2004	Incintă pentru depuneri de straturi subțiri monocristaline de manganți
21.		
22.		Procedură de laborator pentru sinteza straturilor monocristaline de tipul LCMO și evaluarea comparativă a acestora ca dispozitive atenuatori de microunde
23.		
24.		Metodă de obținere controlată și reproductibilă prin metoda sol-gel a unor probe de material precursor de tip LCMO
		Metodă de obținere controlată și reproductibilă a probelor de straturi subțiri de manganți LCMO sintetizate în diferite condiții
		Metodă de identificare a caracteristicilor de compoziție, structurale și morfologice ale materialelor straturilor subțiri de manganți
25.	Detector de câmp de microunde pentru protecție biologică cu monitorizare continuă a evenimentelor electromagnetice Contract nr. 4-35/04.11.2004	Detector de câmp de microunde
26.	Studierea cu ajutorul izotopilor stabili a rolului ecosistemelor terestre în stocarea carbonului și reducerea emisiilor de CO₂ Contract nr. 4-30/04.11.2004	Metodă de determinare a concentrațiilor de metan în apă
27.	Studii privind intruzia apelor de mare asupra ecosistemelor acvatice din Rezervația Biosferei Delta Dunării Contract nr. 4-120/10.11.2004	Metodă izotopică de studiu a intruziei apei de mare în lacuri
28.	Dinamica de spin și efecte ale reducerii dimensiunii particulelor metalice/magnetice insertate în matrici oxidice și polimerice Contract nr. 4-32/04.11.2004	Metodă de determinare prin rezonanță magnetică a parametrilor specifici particulelor metalice ultrafine insertate în Al ₂ O ₃ poros
29.		
30.		Metodă de determinare prin rezonanță magnetică a parametrilor specifici particulelor magnetice ultrafine insertate în polimeri conductori
31.		Metodă de determinare a influenței reducerii dimensiunii particulelor CMR insertate în Al ₂ O ₃ asupra contribuțiilor miezului interior și a stratului superficial la interacția de schimb și mecanismul de transport polaronic

		Metoda privind corelarea “vizibilității” aluminiului în spectrele RMN aferente $\text{Al}_2\text{O}_3/\text{Me}$ cu tipul și dimensiunea particulelor magnetice insertate
32.	Nanometrologie pe nanostructuri oxidice compozite și nanoclusteri metalici prin metode de raze X și rezonanță magnetică Contract nr. 268/12.10.2004	Metode de caracterizare structurală și morfologică a nanocompozitelor oxidice și nanoclusterilor metalici
33.		Modele teoretice și experimente necesare caracterizării nanometrologice a compozitelor oxidice și nanoclusterilor metalici
34.	Dispozitive fotovoltaice avansate pe bază de straturi nanocristaline de TiO_2 sensibilizate Contract nr. 243/2004	Model experimental al dispozitivului fotovoltaic DFA
35.		
36.		Metodă de preparare a electrozilor de dioxid de titan nanostructurat
37.		
38.		Metodă de sinterizarea straturilor de TiO_2 depus pe plăci de sticlă
39.		
40.		Metodă de preparare a soluțiilor de coloranți pentru sensibilizarea electrozilor de TiO_2
41.		Metodă de impregnare a plăcilor cu TiO_2 cu soluții de coloranți
		Metodă de realizare a contraelectrodului de platină
		Metodă de preparare a soluțiilor de electroliți
		Metodă de sinteză sonochimică a ansamblurilor supramoleculare porfirin- $\text{Ru}(\text{bpy})_3\text{Cl}_2$
42.	Sisteme hibride nanostructurate pe bază de polimeri conductori, nanoparticule magnetice și nanotuburi de carbon Contract nr. 4-139/12.11.2004	Metodă de laborator pentru obținerea nanofluidului magnetic F
43.		
44.		Metodă de laborator pentru obținerea nanocompozitelor polimer conductor-nanoparticule magnetice
		Metodă de laborator pentru obținerea compozitelor polimer conductor-nanotuburi de carbon

Nr. crt.	Nume	Titlul revistei / Editurii
1.	Mircea Bogdan	<i>J. Pharm. Sci.</i> / Wiley InterScience VCH Verlag GmbH & Co. KgaA (1 recenzie: ID 03-190-E.R1/2003)
		<i>Biopolymers</i> / Wiley InterScience VCH Verlag GmbH & Co. KgaA (1 recenzie: ID 2004 - 0156)
		<i>Eur. J. Med. Chem.</i> / Elsevier (1 recenzie: ID 2005-0831/2)
2.	Claudiu Filip	<i>Solid State NMR</i> / Elsevier (3 recenzii: SSNMR-05-2; SSNMR-05-18; SSNMR-06-5)
3.	Nicolae Dadarlat	<i>Measurement Science and Technology</i> IOP Publishing Ltd. (2 recenzii)
4.	Giurgiu Liviu	<i>Acta Physica Polonica</i> (2 recenzii)
		<i>Applied Magnetic Resonance</i> / Springer Verlag (1 recenzii)
5.	Alexandrina Nan	<i>Polymer Engineering & Science</i> / Wiley InterScience VCH Verlag GmbH & Co. KgaA (1 recenzie: manuscris no. PES-06-0330)
6.	Rodica Turcu	<i>Macromolecular Rapid Communications</i> / Wiley InterScience VCH Verlag GmbH & Co. KgaA (1 recenzie: ID: marc. 200600475/2006)
		<i>Journal of Applied Polymer Science</i> :Wiley InterScience (3 recenzii: ID: APP-2006-11-3296; ID: APP-2007-03-0827; ID: APP-2007-03-0665)
7.	Dan Lupu	<i>International Journal of Hydrogen Energy</i> / Elsevier (4 recenzii: Manuscript#581/2004 ; Manuscript#584/2004; ManuscriptGI-290; ManuscriptGI-056)
		<i>Carbon</i> / Elsevier (2 recenzii: D-05-00038/2005; D-05-00477/2005)
		<i>Vibrational Spectroscopy</i> / Elsevier (1 recenzie: Manuscript# 08205)
		<i>Journal of Applied Electrochemistry</i> / Springer Verlag (1 recenzie: manuscript#UK205-06)
8.	Axente Damian	<i>Separation Science and Technology</i> / Taylor & Francis, USA (1 recenzie: manuscris 868)
9.	Bratu Ioan	<i>Vibrational Spectroscopy</i> / Elsevier (1 recenzie: Manuscript # 050-03/2003)
		<i>Acta Pharmaceutica</i> / Croatian Pharmaceutical Society (1 recenzie, 2004)
10.	Hodor Ilie	<i>Separation Science and Technology</i> / Taylor & Francis, USA (2 recenzii: manuscris no. 1975 /2003, manuscris no. 2222 /2004)
11.	Zaharie Moldovan	<i>Chemosphere</i> / Elsevier (1 recenzie: ID-CHEM 9220/2006)
12.	Tosa Valer	<i>Physical Rev A</i> (6 recenzii: nr. AWR1015A ; AR10007 ; LZ9101AJ; AAR1007A ; AB10136; AAR1007) <i>Phis Rev Letters</i> (3 recenzii : LR10143 ; LK10751 ; LH10078 ;

Anexa 6.2. Membri în colectivele de redacție ale revistelor recunoscute național (din categoria B în clasificarea CNCSIS)

Nr. crt.	Nume	Titlul revistei/Editurii
1.	Vasile V. Morariu	<i>Romanian Journal of Biophysics</i> / Romanian Academy, Publishing House of the Romanian Academy, membru în Editorial Board
2.	Ioan Turcu	<i>Romanian Journal of Biophysics</i> / Romanian Academy, Publishing House of the Romanian Academy, membru în Advisory Board

Nr. crt.	Nume	Premiul	Anul
1.	E. Surducan, V. Surducan, Gabriela Nagy, Sorin Filip	Diploma și Medalia de bronz, clasa A la Salonul Internațional de Inventică de la Geneva cu invenția <i>“Appareil de traitements par micro-ondes”</i> (brevet nr. RO116514)	2002
2.	E. Surducan, V. Surducan	Diploma și Medalia de argint la: The 52 th World Exhibition of Innovation Research and New Technology EUREKA - BRUSSELS, 11-16 nov. 2003 pentru invenția <i>“Traducteur thermographique pour micro-ondes”</i> (brevet nr.RO116506)	2003
3.	Maria-Loredana Soran	Premiul I (cel mai bun poster) obținut în cadrul simpozionului internațional: „XXI International Symposium on Physico-Chemical Methods of Separation”, 2-5 iulie 2006, Torun, Polonia, cu lucrarea intitulată: <i>„TLC Separation of U(VI), Th(IV), Co(II), Ni(II) and Cu(II) on Various Stationary Phases Using HDEHDTP as Complexing Agent”</i> , autori Maria-Loredana Soran, Maria Curtui, Ildiko Bros, Albert Soran	2006

Nr. crt.	Nume și prenume	Domeniu
1.	Vasile V. Morariu	Biofizică
2.	Damian Axente	Izotopi și separarea chimică a izotopilor
3.	Nicolae Palibroda	Spectrometrie de Masă Analitică
4.	Damaschin Ioanoviciu	Optică ionică, Spectrometrie de Masă

Nr. crt.	Nume Prenume	Funcția	Titlul științific
1.	Bogdan Mircea	CS I	Dr
2.	Cosma Viorel	CS I	Dr
3.	Berdea Petru	CS III	Dr
4.	Bot Adrian	CS II	Dr
5.	Cuna Cornel	CS I	Dr
6.	Cuna Stela	CS II	Dr
7.	Feurdean Lucia	CS III	Dr
8.	Feurdean Victor	CS II	Dr
9.	Ioanoviciu Damaschin	CS I	Dr
10.	Jalobeanu Mihail	CS I	Dr
11.	Kaucsar Martin	CS I	Dr
12.	Moldovan Zaharie	CS I	Dr
13.	Palibroda Nicolae	CS I	Dr
14.	Pamula Adrian	CS I	Dr
15.	Ursu Daniel	CS II	Dr
16.	Vegh Peter	CS II	Dr
17.	Voica Cezara	Asistent cercetare	Dr
18.	Aldea Nicolae	CS I	Dr
19.	Ardeleanu Petru	CS II	Dr
20.	Biris Alexandru	CS II	Dr
21.	Borodi Gheorghe	CS II	Dr
22.	Darabont Alexandru	CS I	Dr
23.	Dreve Simina	CS III	Dr
24.	Filip Xenia	CS III	Dr
25.	Giurgiu Liviu	CS I	Dr
26.	Indrea Emil	CS I	Dr
27.	Lupu Dan	CS I	Dr
28.	Marginean Petru	CS I	Dr
29.	Mihailescu Gheorghe	CS II	Dr
30.	Nan Alexandrina	CS III	Dr
31.	Olenic Liliana	CS II	Dr
32.	Pana Ioan Ovidiu	CS II	Dr
33.	Popa Adriana	CS III	Dr
34.	Raita Laura	CS III	Dr
35.	Ratiu Cristina	CS III	Dr
36.	Silipas Teofil	CS II	Dr
37.	Soran Maria	CS III	Dr
38.	Turcu Rodica	CS I	Dr
39.	Bende Attila	CS III	Dr
40.	Bogdan Diana Speranta	CSIII	Dr
41.	Bindea Constantin	CS II	Dr
42.	Bratfalean Radu	CS III	Dr
43.	Bratu Ioan	CS I	Dr
44.	Ciortea Lorelai	CS III	Dr

45.	Dadarlat Dorin	CS I	Dr
46.	Farcas Sorin	CS II	Dr
47.	Filip Claudiu	CS I	Dr
48.	Floare Calin	CS III	Dr
49.	Kacso Irina	Asistent cercetare	Dr
50.	Morari Ioan Cristian	CS II	Dr
51.	Morariu Vasile	CS I	Dr
52.	Muntean Cristina	CS II	Dr
53.	Neamtu Camelia	CS II	Dr
54.	Surducu Emanoil	CS II	Dr
55.	Tosa Valer	CS I	Dr
56.	Turcu Ioan	CS I	Dr
57.	Almasan Valer	CS I	Dr
58.	Axente Damian	CS I	Dr
59.	Baldea Aurel	CS I	Dr
60.	Chiriac Maria	CS II	Dr
61.	Dronca Simion	CS II	Dr
62.	Grosan Ana Camelia	Asistent cercetare	Dr
63.	Hodor Ilie	CS I	Dr

Comenzi de compuși marcați cu ¹⁵N onorate în perioada 2002 – 2006

2002

1. Comanda Nr. 1/ 24 Aprilie 2002
Valoare: 29.000 USD, sau 97.672 lei

2. Comanda Nr. 2/ 24 Aprilie 2002
Valoare: 14.000 USD, sau 47.132 lei

3. Comanda Nr. 3/ 13 Martie 2002
Valoare: 32.000 USD, sau 105.731 lei

4. Comanda Nr. 4/ 29 Mai 2002
Valoare: 11.600 USD, sau 38.260 lei

5. Comanda Nr. 5/ 30 Mai 2002
Valoare: 11.600 USD, sau 38.142 lei

6. Comanda Nr. 6/ 13 Martie 2002
Valoare: 14.000 USD, sau 46.666 lei

7. Comanda Nr. 7/ 14 Mai 2002
Valoare: 509,4 Euro, sau 1.590 lei

8. Comanda Nr. 8/ 20 Martie 2002
Valoare: 44.800 USD, sau 150.380 lei

9. Comanda Nr. 9/ 13 Martie 2002
Valoare: 17.500 USD, sau 57.375 lei

10. Comanda Nr. 10/ 22 Feb 2002
Valoare: 4.700 USD, sau 15.276 lei

11. Comanda Nr. 11/ 11 Feb 2002
Valoare: 6.200 USD, sau 19.414 lei

12. Comanda: Nr. 12/ 07 Feb 2002
Valoare: 165 USD, sau 529 lei

13. Comanda: Nr. 13/29 Martie 2002
Valoare: 165 USD, sau 5.44 lei

14. Comanda: Nr. 14/ 11 Martie 2002
Valoare: 2.550 USD, sau 8.419 lei

15. Comanda: Nr. 15/ 11 Oct. 2002
Valoare: 926 Euro, sau 2.626 lei

16. Comanda: Nr. 16/ 14 Ian. 2002
Valoare: 8.250 USD, sau 26.552 lei

17. Comanda: Nr. 17/ 10 Ian 2002
Valoare: 11.600 USD, sau 37.250 lei

2003

1. Comanda Nr. 1/ 10 Sept. 2003
Valoare: 2.600 Euro, sau 9.914 lei

2. Comanda: Nr. 2/ 08 Aug. 2003
Valoare: 23.500 Euro, sau 90.165 lei

3. Comanda: Nr. 3/ 16 Oct. 2003
Valoare: 320 Euro, sau 1.241 lei

4. Comanda: Nr. 4/ 11 Aug. 2003
Valoare: 2.600 Euro, sau 9.595 lei

5. Comanda: Nr. 5/ 06. Aug. 2003
Valoare: 4.477 Euro, sau 16.712 lei

6. Comanda: Nr. 6/ 03 Iulie 2003
Valoare: 1.800 Euro, 6.639 lei

7. Comanda: Nr. 7/ 17 Iunie 2003
Valoare: 7.560 USD, sau 24.804 lei

8. Comanda: Nr. 8/ 27 Iunie 2003
Valoare: 160 Euro, sau 604 lei

9. Comanda: Nr. 9/ 1 Aprilie 2003
Valoare: 8.700 USD, sau 28.261 lei

10. Comanda: Nr. 10/ 2003
Valoare: 11.600 USD, sau 39.101 lei

11. Comanda: Nr. 11/ 17 Oct. 2002

Livrat: 07 Aprilie 2003
Valoare: 14.000 USD, sau 47.485 lei

12. Comanda: Nr. 12/ 27 Sept. 2002
Livrat: 05 Martie 2003
Valoare: 7.800 USD, sau 25.636 lei

13. Comanda: Nr. 13/ 20 Feb. 2003
Valoare: 8.890 USD, sau 28.973 lei

14. Comanda: Nr. 14/ 10 Mai 2002
Livrat: 06 Feb. 2003;
Export: Chile

15. Comanda: Nr. 15/ 26 Aprilie 2002
Livrat: 22 Ian. 2003
Valoare: 16.976 USD, sau 56.810 lei

2004

1. Comanda: Nr. 1/ 2004
Valoare: 4000 Euro, sau 16.357 lei

2. Comanda: Nr. 3/ 26 Aprilie 2004
Valoare: 3480 USD, sau 11.857 lei

3. Comanda: Nr. 3/ 26 Noiembrie 2003
Livrat: 11 Martie 2004

4. Comanda: Nr. 4/ 17 Nov. 2003

Livrat: 03 Martie 2004

Valoare: 1.350 USD, sau 4.339 lei

5. Comanda: Nr. 5/ 2004

Valoare: 160 Euro, sau 654 lei

2005

1. Comanda: Nr. 1/ 2005

Valoare: 7000 Euro, sau 25.690 lei

2. Comanda: Nr. 2/ 22 Feb. 2005 _

Valoare: 10.500 USD, sau 28.287 lei

3. Comanda: Nr. 3/ 22 Feb. 2005

Valoare: 3000 USD, sau 8.232 lei

4. Comanda: Nr. 4/ 2005

Valoare: 410 Euro, sau 1.481 lei

2006

1. Comanda: Nr. 1/ 2006

Valoare: 1950 USD, sau 5.607 lei

2. Comanda: Nr. 2/ 2006

Valoare: 410 Euro, sau 1.440 lei

3. Comanda: Nr. 3/ 15 Mai 2006

Valoare: 1500 USD, sau 4.210 lei

4. Comanda: Nr. 4/ 12 Dec. 2006

Valoare: 2500 USD sau 6.473 lei

Nr. crt.	Nume și prenume	Funcția	Titlu științific
2002			
1.	Albert Stefan	Inginer	
2.	Aldea Nicolae	CS II	Dr
3.	Almasan Valer	CS I	Dr
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6.	Balas Gabriela	CS	
7.	Balazs Zoltan	Asistent cercetare	
8.	Baldea Aurel	CS I	Dr
9.	Barz Bogdan	Asistent cercetare	
10.	Benta Augusta	CS	
11.	Berdea Petru	CS III	
12.	Bindea Constantin	CS II	Dr
13.	Biris Alexandru	CS II	Dr
14.	Bogdan Diana	Asistent cercetare	
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16.	Borodi Gheorghe	CS II	Dr
17.	Boscaneanu Sergiu	CS III	
18.	Bot Adrian	CS II	Dr
19.	Bunea Victor	Asistent cercetare	
20.	Carlugea Daniel	CS III	
21.	Chiriac Maria	CS II	Dr
22.	Chirtoc Ileana	CS III	Dr
23.	Chirtoc Mihai	CS I	Dr
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25.	Coldea Ioan	CS III	
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31.	Cuna Stela	CS II	Dr
32.	Dadarlat Dorin	CS I	Dr
33.	Dobocan Ioan	Asistent cercetare	
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35.	Dreve Simina	CS III	Dr
36.	Dronca Simion	CS II	Dr
37.	Feurdean Lucia	CS III	Dr
38.	Feurdean Victor	CS II	Dr
39.	Filip Xenia	CS III	
40.	Ganea Eva	CS	
41.	Gavre Dana Aurica	Asistent cercetare	
42.	Giurgiu Liviu	CS I	Dr
43.	Gligan Mihai	CS III	

44.	Hodor Ilie	CS I	Dr
45.	Indrea Emil	CS II	Dr
46.	Ioanoviciu Damadschin	CS I	Dr
47.	Jalobeanu Milhail	CS I	Dr
48.	Kaucsar Martin	CS I	Dr
49.	Korosfoy Sandor	Asistent cercetare	
50.	Lazar Mihaela	CS III	
51.	Leuca Moise	CS III	
52.	Lupsa Nicolae	CS III	
53.	Lupu Dan	CS I	Dr
54.	Macavei Gabriel	Inginer	
55.	Marcu Mariana	Asistent cercetare	
56.	Marginean Petru	CS I	Dr
57.	Mihailescu Gheorghe	CS II	Dr
58.	Mirel Valentin	CS III	
59.	Misan Ioan	CS III	
60.	Moldovan Zaharie	CS II	Dr
61.	Morari Ioan Cristian	CS III	Dr
62.	Morariu Vasile	CS I	Dr
63.	Muntean Cristina	CS III	Dr
64.	Muresan Alexandru 1	Inginer	
65.	Nagy Gabriela	CS	
66.	Neamtu Camelia	CS III	
67.	Neamtu Silvia	CS III	
68.	Nica Nicoleta	CS	
69.	Olenic Liliana	CS III	Dr
70.	Pamula Adrian	CS I	Dr
71.	Pana Ioan Ovidiu	CS II	Dr
72.	Pirtoc Nicolae	Inginer	
73.	Pop Cristian	CS	
74.	Popeneciu Gabriel	CS II	
75.	Popescu Stefan	CS III	
76.	Pruneanu Stela	CS III	Dr
77.	Raita Laura	CS	
78.	Roscau Radu	CS	
79.	Silipas Teofil	CS II	Dr
80.	Simplacean Titus	CS III	
81.	Sohorca Sabin	CS	
82.	Stan Manuela	Asistent cercetare	
83.	Stancia Aurelia	Asistent cercetare	
84.	Stanescu Undina	CS III	
85.	Stoia Virgil	CS	
86.	Surducian Emanoil	CS II	Dr
87.	Surducian Vasile	CS III	
88.	Toadere Florin	Inginer	
89.	Toma Ioan	CS III	

90.	Turcu Ioan	CS I	Dr
91.	Turcu Rodica	CS II	Dr
92.	Tusa Florina	Asistent cercetare	
93.	Vegh Peter	CS II	Dr
94.	Marginean Ioan	Tehnician	
95.	Muresan Alexandru 2	Tehnician	
96.	Oltean Simion	Tehnician	
97.	Baciu Gheorghe	Tehnician	
98.	Curean Ioana	Tehnician	
99.	Medgyesi Edită	Tehnician	
100.	Petrica Nicoleta	Tehnician	
101.	Pocol Augustin	Tehnician	
102.	Tatar Alice	Tehnician	
103.	Ciupe Sorina	Tehnician	
104.	Bujor Petru	Tehnician	
105.	Filipan Maria	Tehnician	
106.	Puscas Romulus	Tehnician	
107.	Scalis Ana	Tehnician	
108.	Alb Simion	Tehnician	
109.	Bardocz Iuliu	Tehnician	
110.	Corojan Ioan	Tehnician	
111.	Fizesan Dumitru	Tehnician	
112.	Golescu Viorica	Tehnician	
113.	Miclea Lucian	Tehnician	
114.	Oarga Casile	Tehnician	
115.	Petrus Sorin	Tehnician	
116.	Racoti Cornel	Tehnician	
117.	Vermesan Eugenia	Tehnician	
118.	Campean Laurentiu	Tehnician	
119.	Capraru Georgeta	Tehnician	
120.	Zotoiu Dan	Tehnician	
2003			
1.	Bogdan Mircea	CS I	Dr
2.	Cosma Viorel	CS I	Dr
3.	Albert Stefan	Inginer	
4.	Balas Florentin	CS III	
5.	Benta Augusta	CS	
6.	Berdea Petru	CS III	
7.	Bot Adrian	CS II	Dr
8.	Bunea Victor	Asistent cercetare	
9.	Chirtoc Ileana	CS III	
10.	Coldea Ioan	CS III	
11.	Culea Monica	CS II	Dr
12.	Cuna Cornel	CS I	Dr
13.	Cuna Stela	CS II	Dr
14.	Dobocan Ioan	Asistent cercetare	

15.	Feurdean Lucia	CS III	Dr
16.	Feurdean Victor	CS II	Dr
17.	Ioanoviciu Damaschin	CS I	Dr
18.	Jalobeanu Mihail	CS I	Dr
19.	Kaucsar Martin	CS I	Dr
20.	Leuca Moise	CS III	
21.	Lupsa Nicolae	CS III	
22.	Maniu Gavril	Inginer	
23.	Mirel Valentin	CS III	
24.	Moldovan Zaharie	CS II	Dr
25.	Muresan Alexandru	Inginer	
26.	Muresan Gabriela	CS	
27.	Palibroda Nicolae	CS I	Dr
28.	Pamula Adrian	CS I	Dr
29.	Pirtoc Nicolae	Inginer	
30.	Popeneciu Gabriel	CS II	
31.	Popescu Stefan	CS III	
32.	Roscau Radu	CS	
33.	Toma Ioan	CS III	
34.	Tusa Florina	Asistent cercetare	
35.	Vegh Peter	CS II	Dr
36.	Aldea Nicolae	CS II	Dr
37.	Barz Bogdan	Asistent cercetare	
38.	Biris Alexandru	CS II	Dr
39.	Borodi Gheorghe	CS II	Dr
40.	Chirtoc Mihai	CS I	Dr
41.	Creaciunescu Izabell	CS	
42.	Dreve Simina	CS III	Dr
43.	Filip Xenia	CS III	Dr
44.	Giurgiu Liviu	CS I	Dr
45.	Indrea Emil	CS II	Dr
46.	Lupu Dan	CS I	Dr
47.	Margineanu Petru	CS I	Dr
48.	Mihailescu Gheorghe	CS II	Dr
49.	Misan Ioan	CS III	
50.	Olenic Liliana	CS III	Dr
51.	Pana Ioan Ovidiu	CS II	Dr
52.	Pruneanu Stela	CS III	Dr
53.	Raita Laura	CS	
54.	Silipas Teofil	CS II	Dr
55.	Toloman Dana	Asistent cercetare	
56.	Turcu Rodica	CS II	Dr
57.	Bende Attila	Asistent cercetare	
58.	Bindea Constantin	CS II	Dr
59.	Bogdan Diana	Asistent cercetare	
60.	Bratu Ioan	CS I	Dr

61.	Dadarlat Dorin	CS I	Dr
62.	Farcas Sorin	CS II	Dr
63.	Filip Claudiu	CS III	Dr
64.	Macavei Gabriel	Inginer	
65.	Morari Ioan Cristian	CS III	Dr
66.	Morariu Vasile	CS I	Dr
67.	Muntean Cristina	CS III	Dr
68.	Neamtu Camelia	CS III	
69.	Neamtu Silvia	CS III	
70.	Pop Cristian	CS	
71.	Surducian Emanoil	CS II	Dr
72.	Surducian Vasile	CS III	
73.	Tosa Valer	CS II	Dr
74.	Turcu Ioan	CS I	Dr
75.	Zainea Oana	Asistent cercetare	
76.	Almasan Valer	CS I	Dr
77.	Axente Damian	CS I	Dr
78.	Balazs Zoltan	Asistent cercetare	
79.	Baldea Aurel	CS I	Dr
80.	Chiriac Maria	CS II	Dr
81.	Dronca Simion	CS II	Dr
82.	Ganea Eva	Asistent cercetare	
83.	Gligan Mihai	CS III	
84.	Hodor Ilie	CS I	Dr
85.	Lazar Mihaela	CS III	
86.	Marcu Mariana	Asistent cercetare	
87.	Stan Manuela	Asistent cercetare	
88.	Stoia Virgil	CS	
89.	Bujor Petru	Tehnician	
90.	Campean Laurentiu	Tehnician	
91.	Capraru Georgeta	Tehnician	
92.	Curean Ioana	Tehnician	
93.	Medgyesi Edit	Tehnician	
94.	Oltean Simion	Tehnician	
95.	Petrica Nicoleta	Tehnician	
96.	Pocol Augustin	Tehnician	
97.	Puscas Romulus	Tehnician	
98.	Tatar Alice	Tehnician	
99.	Zotoiu Dan	Tehnician	
100.	Ciupe Sorina	Tehnician	
101.	Sacalis Ana	Tehnician	
102.	Alb Simion	Tehnician	
103.	Bardocz Iuliu	Tehnician	
104.	Coroian Ioan	Tehnician	
105.	Fizesan Dumitru	Tehnician	
106.	Golescu Viorica	Tehnician	

107.	Haiduc Dumitru	Tehnician	
108.	Marginen Ioan	Tehnician	
109.	Miclea Lucian	Tehnician	
110.	Muresan Alexandru	Tehnician	
111.	Oarga Vasile	Tehnician	
112.	Petrus Sorin	Tehnician	
113.	Pop Ligia	Tehnician	
114.	Racoti Cornel	Tehnician	
115.	Vermesan Eugenia	Tehnician	
2004			
1.	Bogdan Mircea	CS I	Dr
2.	Cosma Viorel	CS I	Dr
3.	Albert Stefan	CS III	
4.	Balas Florentin	CS III	
5.	Balas Gabriela	CS	
6.	Benta Augusta	CS	
7.	Berdea Petru	CS III	
8.	Bot Adrian	CS II	Dr
9.	Bunea Victor	Asistent cercetare	
10.	Coldea Ioan	CS III	
11.	Cuna Cornel	CS I	Dr
12.	Cuna Stela	CS II	Dr
13.	Dobocan Ioan	Asistent cercetare	
14.	Feurdean Lucia	CS III	Dr
15.	Feurdean Victor	CS II	Dr
16.	Ioanoviciu Damaschin	CS I	Dr
17.	Jalobeanu Mihail	CS I	Dr
18.	Kaucsar Martin	CS I	Dr
19.	Leuca Moise	CS III	
20.	Lupsa Nicolae	CS III	
21.	Mirel Valentin	CS III	
22.	Moldovan Zaharie	CS II	Dr
23.	Muresan Alexandru	CS	
24.	Palibroda Nicolae	CS I	Dr
25.	Pamula Adrian	CS I	Dr
26.	Pirtoc Nicolae	CS III	
27.	Popeneciu Gabriel	CS II	
28.	Popescu Stefan	CS III	
29.	Roscau Radu	CS	
30.	Szilagy Edina	Asistent cercetare	
31.	Toma Ioan	CS III	
32.	Tusa Florina	CS	
33.	Vegh Peter	CS II	Dr
34.	Aldea Nicolae	CS II	Dr
35.	Biris Alexandru	CS II	Dr
36.	Borodi Gheorghe	CS II	Dr

37.	Chirtoc Mihai	CS I	Dr
38.	Creaciunescu Izabell	CS	
39.	Dreve Simina	CS III	Dr
40.	Filip Xenia	CS III	Dr
41.	Giurgiu Liviu	CS I	Dr
42.	Indrea Emil	CS II	Dr
43.	Lupu Dan	CS I	Dr
44.	Margineanu Petru	CS I	Dr
45.	Mihailescu Gheorghe	CS II	Dr
46.	Misan Ioan	CS III	
47.	Olenic Liliana	CS III	Dr
48.	Pana Ioan Ovidiu	CS II	Dr
49.	Raita Laura	CS	
50.	Silipas Teofil	CS II	Dr
51.	Soran Maria	CS	
52.	Toloman Dana	CS	
53.	Turcu Rodica	CS II	Dr
54.	Bende Attila	CS III	
55.	Bindea Constantin	CS II	Dr
56.	Bogdan Diana	CS III	
57.	Bratu Ioan	CS I	Dr
58.	Bros Ildiko	Asistent cercetare	
59.	Ciortea Lorelai	CS III	
60.	Dadarlat Dorin	CS I	Dr
61.	Farcas Sorin	CS II	Dr
62.	Filip Claudiu	CS III	Dr
63.	Floare Calin	CS III	
64.	Macavei Gabriel	CS III	
65.	Morari Ioan Cristian	CS III	Dr
66.	Morariu Vasile	CS I	Dr
67.	Muntean Cristina	CS III	Dr
68.	Neamtu Camelia	CS III	
69.	Neamtu Silvia	CS III	
70.	Pop Cristian	Cs III	
71.	Surducu Emanoil	CS II	Dr
72.	Surducu Vasile	CS III	
73.	Tosa Valer	CS II	Dr
74.	Tripon Carmen	Asistent cercetare	
75.	Turcu Ioan	CS I	Dr
76.	Almasan Valer	CS I	Dr
77.	Axente Damian	CS I	Dr
78.	Balazs Zoltan	Asistent cercetare	
79.	Baldea Aurel	CS I	Dr
80.	Chiriac Maria	CS II	Dr
81.	Dronca Simion	CS II	Dr
82.	Gligan Mihai	CS III	

83.	Hodor Ilie	CS I	Dr
84.	Lazar Mihaela	CS III	
85.	Marcu Mariana	CS	
86.	Stoia Virgil	CS	
87.	Bujor Petru	Tehnician	
88.	Campean Laurentiu	Tehnician	
89.	Capraru Georgeta	Tehnician	
90.	Curean Ioana	Tehnician	
91.	Medgyesi Edită	Tehnician	
92.	Oltean Simion	Tehnician	
93.	Petrica Nicoleta	Tehnician	
94.	Pocol Augustin	Tehnician	
95.	Puscas Romulus	Tehnician	
96.	Tatar Alice	Tehnician	
97.	Zotoiu Dan	Tehnician	
98.	Ciupe Sorina	Tehnician	
99.	Sacalis Ana	Tehnician	
100.	Alb Simion	Tehnician	
101.	Bardocz Iuliu	Tehnician	
102.	Corojan Ioan	Tehnician	
103.	Fizesan Dumitru	Tehnician	
104.	Golescu Viorica	Tehnician	
105.	Haiduc Dumitru	Tehnician	
106.	Marginen Ioan	Tehnician	
107.	Miclea Lucian	Tehnician	
108.	Muresan Alexandru	Tehnician	
109.	Oarga Vasile	Tehnician	
110.	Petrus Sorin	Tehnician	
111.	Pop Ligia	Tehnician	
112.	Vermesan Eugenia	Tehnician	
2005			
1.	Bogdan Mircea	CS I	Dr
2.	Cosma Viorel	CS I	Dr
3.	Albert Stefan	CS III	
4.	Balas Florentin	CS III	
5.	Balas Gabriela	CS	
6.	Benta Augusta	CS	
7.	Berdea Petru	CS III	
8.	Bot Adrian	CS II	Dr
9.	Bunea Victor	Asistent cercetare	
10.	Coldea Ioan	CS III	
11.	Cuna Cornel	CS I	Dr
12.	Cuna Stela	CS II	Dr
13.	Dobocan Ioan	Asistent cercetare	
14.	Feurdean Lucia	CS III	Dr
15.	Feurdean Victor	CS II	Dr

16.	Ioanoviciu Damaschin	CS I	Dr
17.	Jalobeanu Mihail	CS I	Dr
18.	Kaucsar Martin	CS I	Dr
19.	Leuca Moise	CS III	
20.	Lupsa Nicolae	CS III	
21.	Mirel Valentin	CS III	
22.	Moldovan Zaharie	CS I	Dr
23.	Muresan Alexandru	CS	
24.	Palibroda Nicolae	CS I	Dr
25.	Pamula Adrian	CS I	Dr
26.	Pirtoc Nicolae	CS III	
27.	Popeneciu Gabriel	CS II	
28.	Popescu Stefan	CS III	
29.	Roscau Radu	CS	
30.	Szilagy Edina	Asistent cercetare	
31.	Toma Ioan	CS III	
32.	Tusa Florina	Asistent cercetare	
33.	Vegh Peter	CS II	Dr
34.	Aldea Nicolae	CS I	Dr
35.	Biris Alexandru	CS II	Dr
36.	Borodi Gheorghe	CS II	Dr
37.	Creaciunescu Izabell	CS	
38.	Dreve Simina	CS III	Dr
39.	Filip Xenia	CS III	Dr
40.	Giurgiu Liviu	CS I	Dr
41.	Indrea Emil	CS I	Dr
42.	Lupu Dan	CS I	Dr
43.	Margineanu Petru	CS I	Dr
44.	Mihailescu Gheorghe	CS II	Dr
45.	Misan Ioan	CS III	
46.	Nan Alexandrina	Asistent cercetare	Dr
47.	Olenic Liliana	CS II	Dr
48.	Pana Ioan Ovidiu	CS II	Dr
49.	Popa Adriana	Asistent cercetare	Dr
50.	Raita Laura	CS	
51.	Silipas Teofil	CS II	Dr
52.	Soran Maria	CS	Dr
53.	Toloman Dana	CS	
54.	Turcu Rodica	CS I	Dr
55.	Bende Attila	CS III	
56.	Bindea Constantin	CS II	Dr
57.	Bogdan Diana	CS III	
58.	Bratu Ioan	CS I	Dr
59.	Bros Ildiko	Asistent cercetare	
60.	Ciortea Lorelai	CS III	
61.	Dadarlat Dorin	CS I	Dr

62.	Farcas Sorin	CS II	Dr
63.	Filip Claudiu	CS I	Dr
64.	Floare Calin	CS III	
65.	Macavei Gabriel	CS III	
66.	Morari Ioan Cristian	CS II	Dr
67.	Morariu Vasile	CS I	Dr
68.	Muntean Cristina	CS III	Dr
69.	Neamtu Camelia	CS II	Dr
70.	Neamtu Silvia	CS III	
71.	Pop Cristian	CS	
72.	Streza Mihaela	Asistent cercetare	
73.	Surducan Emanoil	CS II	Dr
74.	Surducan Vasile	CS III	
75.	Tosa Valer	CS I	Dr
76.	Tripon Carmen	Asistent cercetare	
77.	Turcu Ioan	CS I	Dr
78.	Zainea Oana	Asistent cercetare	
79.	Almasan Valer	CS I	Dr
80.	Axente Damian	CS I	Dr
81.	Balazs Zoltan	Asistent cercetare	
82.	Baldea Aurel	CS I	Dr
83.	Chiriac Maria	CS II	Dr
84.	Dan Monica	Asistent cercetare	
85.	Dronca Simion	CS II	Dr
86.	Gligan Mihai	CS III	
87.	Hodor Ilie	CS I	Dr
88.	Lazar Mihaela	CS III	
89.	Marcu Mariana	Asistent cercetare	
90.	Stoia Virgil	CS	
91.	Bujor Petru	Tehnician	
92.	Campean Laurentiu	Tehnician	
93.	Capraru Georgeta	Tehnician	
94.	Curean Ioana	Tehnician	
95.	Medgyesi Edit	Tehnician	
96.	Oltean Simion	Tehnician	
97.	Petrica Nicoleta	Tehnician	
98.	Pocol Augustin	Tehnician	
99.	Puscas Romulus	Tehnician	
100.	Zotoiu Dan	Tehnician	
101.	Ciupe Sorina	Tehnician	
102.	Sacalis Ana	Tehnician	
103.	Alb Simion	Tehnician	
104.	Bardocz Iuliu	Tehnician	
105.	Coroian Ioan	Tehnician	
106.	Fizesan Dumitru	Tehnician	
107.	Golescu Viorica	Tehnician	

108.	Haiduc Dumitru	Tehnician	
109.	Marginen Ioan	Tehnician	
110.	Muresan Alexandru	Tehnician	
111.	Oarga Vasile	Tehnician	
112.	Pop Ligia	Tehnician	
113.	Vermesan Eugenia	Tehnician	
2006			
1.	Bogdan Mircea	CS I	Dr
2.	Cosma Viorel	CS I	Dr
3.	Albert Stefan	CS III	
4.	Balas Florentin	CS III	
5.	Balas Gabriela	CS III	
6.	Benta Augusta	CS	
7.	Berdea Petru	CS III	Dr
8.	Bot Adrian	CS II	Dr
9.	Bunea Victor	Asistent cercetare	
10.	Coldea Ioan	CS III	
11.	Cuna Cornel	CS I	Dr
12.	Cuna Stela	CS II	Dr
13.	Dobocan Ioan	Asistent cercetare	
14.	Farcas Felix	Inginer de sistem	
15.	Feurdean Lucia	CS III	Dr
16.	Feurdean Victor	CS II	Dr
17.	Gergely Stefan	inginer	
18.	Ioanoviciu Damaschin	CS I	Dr
19.	Jalobeanu Mihail	CS I	Dr
20.	Kaucsar Martin	CS I	Dr
21.	Leuca Moise	CS III	
22.	Lupsa Nicolae	IDT 1	
23.	Magdas Dana Alina	Asistent cercetare	
24.	Mirel Valentin	CS III	
25.	Moldovan Zaharie	CS I	Dr
26.	Muresan Alexandru	CS	
27.	Palibroda Nicolae	CS I	Dr
28.	Pamula Adrian	CS I	Dr
29.	Pirtoc Nicolae	CS III	
30.	Popeneciu Gabriel	CS II	
31.	Popescu Stefan	CS III	
32.	Roscau Radu	CS	
33.	Schmutzer Gabriella	Asistent cercetare	
34.	Simon Stefania	Asistent cercetare	
35.	Szilagy Edina	CS	
36.	Toma Ioan	CS III	
37.	Trusca Radu	Inginer de sistem	
38.	Tusa Florina	CS	
39.	Ursu Daniel	CS II	Dr

40.	Vegh Peter	CS II	Dr
41.	Voica Cezara	Asistent cercetare	Dr
42.	Aldea Nicolae	CS I	Dr
43.	Ardeleanu Petru	CS II	Dr
44.	Biris Alexandru	CS II	Dr
45.	Borodi Gheorghe	CS II	Dr
46.	Craciunescu Izabell	CS III	
47.	Darabont Alexandru	CS I	Dr
48.	Dreve Simina	CS III	Dr
49.	Filip Xenia	CS III	Dr
50.	Giurgiu Liviu	CS I	Dr
51.	Indrea Emil	CS I	Dr
52.	Leostean Cristian	Asistent cercetare	
53.	Lupu Dan	CS I	Dr
54.	Margineanu Petru	CS I	Dr
55.	Mihailescu Gheorghe	CS II	Dr
56.	Misan Ioan	IDT 1	
57.	Nan Alexandrina	CS III	Dr
58.	Olenic Liliana	CS II	Dr
59.	Pana Ioan Ovidiu	CS II	Dr
60.	Pintea Stelian	Asistent cercetare	
61.	Popa Adriana	CS III	Dr
62.	Raita Laura	CS III	Dr
63.	Ratiu Cristina	CS III	Dr
64.	Silipas Teofil	CS II	Dr
65.	Soran Maria	CS III	Dr
66.	Toloman Dana	CS III	
67.	Turcu Rodica	CS I	Dr
68.	Bende Attila	CS III	Dr
69.	Bindea Constantin	CS II	Dr
70.	Bogdan Diana	CS III	
71.	Bratfalean Radu	CS III	Dr
72.	Bratu Ioan	CS I	Dr
73.	Bros Ildiko	CS	
74.	Ciortea Lorelai	CS III	Dr
75.	Dadarlat Dorin	CS I	Dr
76.	Farcas Sorin	CS II	Dr
77.	Filip Claudiu	CS I	Dr
78.	Floare Calin	CS III	Dr
79.	Iarinca Luiza	Asistent cercetare	
80.	Kacso Irina	Asistent cercetare	Dr
81.	Macavei Gabriel	CS III	
82.	Morari Ioan Cristian	CS II	Dr
83.	Morariu Vasile	CS I	Dr
84.	Muntean Cristina	CS II	Dr
85.	Neamtu Camelia	CS II	Dr

86.	Neamtu Silvia	CS III	
87.	Parnau Adrian	Asistent cercetare	
88.	Pop Cristian	CS III	
89.	Streza Mihaela	Asistent cercetare	
90.	Surducan Emanoil	CS II	Dr
91.	Surducan Vasile	IDT 1	
92.	Tosa Nicoleta	CS	
93.	Tosa Valer	CS I	Dr
94.	Tripon Carmen	CS	
95.	Turcu Ioan	CS I	Dr
96.	Zainea Oana	CS	
97.	Almasan Valer	CS I	Dr
98.	Ardelean Ovidiu	Asistent cercetare	
99.	Axente Damian	CS I	Dr
100.	Balazs Zoltan	Asistent cercetare	
101.	Baldea Aurel	CS I	Dr
102.	Chiriac Maria	CS II	Dr
103.	Dan Monica	Asistent cercetare	
104.	Dronca Simion	CS II	Dr
105.	Gligan Mihai	IDT 1	
106.	Grosan Ana Camelia	Asistent cercetare	Dr
107.	Hodor Ilie	CS I	Dr
108.	Lazar Mihaela	CS III	
109.	Marcu Mariana	CS	
110.	Mihet Maria	Asistent cercetare	
111.	Muresan Ancuta	Asistent cercetare	
112.	Pogacean Florina	Asistent cercetare	
113.	Popa Flavia	Asistent cercetare	
114.	Stoia Virgil	CS	
115.	Bujor Petru	Tehnician	
116.	Campean Laurentiu	Tehnician	
117.	Capraru Georgeta	Tehnician	
118.	Curean Ioana	Tehnician	
119.	Medgyesi Edit	Tehnician	
120.	Oltean Simion	Tehnician	
121.	Petrica Nicoleta	Tehnician	
122.	Pocol Augustin	Tehnician	
123.	Puscas Romulus	Tehnician	
124.	Zotoiu Dan	Tehnician	
125.	Filipan Maria	Tehnician	
126.	Terec Ana	Tehnician	
127.	Bugeac Carmen	Tehnician	
128.	Ciupe Sorina	Tehnician	
129.	Sacalis Ana	Tehnician	
130.	Alb Simion	Tehnician	
131.	Bardocz Iuliu	Tehnician	

132.	Corojan Ioan	Tehnician	
133.	Fizesan Dumitru	Tehnician	
134.	Golescu Viorica	Tehnician	
135.	Haiduc Dumitru	Tehnician	
136.	Ielciu Ioan	Tehnician	
137.	Marginen Ioan	Tehnician	
138.	Muresan Alexandru	Tehnician	
139.	Oarga Vasile	Tehnician	
140.	Pop Ligia	Tehnician	
141.	Vermesan Eugenia	Tehnician	

Anexa 8.2.1. Lista doctoranzilor care lucrează în institut la data completării formularului

Nr. crt.	Numele și prenumele	Funcția
1.	Bros Ildiko	CS
2.	Neamțu Silvia	CS III
3.	Pîrnău Adrian	AC
4.	Pop Cristian V.L.	CS III
5.	Streza Mihaela	AC
6.	Toșa Nicoleta	CS
7.	Tripon Carmen	CS
8.	Zainea Oana	CS
9.	Lazăr Mihaela	CS III
10.	Pogăcean Florina	AC
11.	Balas Gabriela	CS III
12.	Magdas Dana Alina	AC
13.	Schmutzer Gabriella	AC
14.	Crăciunescu Izabell	CS III
15.	Leoștean Cristian	AC
16.	Pintea Stelian	AC
17.	Bența Augusta	CS
18.	Toloman Dana Aurica	CS III