

DATE PERSONALE
privind activitatea stiintifica si didactica în anul 2007

Monografii:

1. *Aspecte moderne privind conservarea bunurilor culturale*, vol.V. Identificarea materialelor picturale, Ed. Performantica, (ISBN 973-730-048-3 si 973-730-389-9) Iasi, 2007, 778 pagini; FIN = 7,78 x 0,2 / 1 = 1,556;

Lucrari stiintifice publicate:

1. „Autentification of ancient easel-paintings through materials identification from polychrome layers. I. Gas-chromatography analysis” în **REVISTA DE CHIMIE**, Bucuresti (ISSN 0034-7752), vol. 58, nr.10, (2007), p. 621 – 634, Impact Factor = 0,278, Author Factor = 0,070
2. „Authentication through Gas-Chromatography Analysis of the Ancient Easel-Paintings”, **J. CHROMATOGRAPHY A**, trimis spre publicare, 20.iulie 2007
3. „The pedological stratification effect of corrosion and contamination products on byzantine bronze artefacts”, in **CORROSION ENGINEERING SCIENCE AND TECHNOLOGY**, Maney Publishing (ISSN 1478-422X), vol. 42, 4, 2007, in print (Impact Factor = 0,541, Author Factor = 0,090);
4. „Comparison of various sensitive and selective spectrophotometric assays of environmental cyanide”, in **TOXICOLOGICAL & ENVIRONMENTAL CHEMISTRY** (ISSN 0092-9867), vol. 89, 4, 2007, 698-710 Impact Factor = 0,167, Author Factor = 0,028;
5. „Separation and identification of eugenol presence in certain plants by HPTLC and GC/MS”, **J. PLANAR CHROMATOGRAPHY - MODERN TLC** (ISSN 0933-4173), vol. 20, nr. 2 (2007), pp. 51-56, Impact Factor = 0,667, Author Factor = 0,095;
6. „Effect of ultrasonication on the electrolytic growth of nanocrystalline Ni films”, în **REVISTA DE CHIMIE**, Bucuresti (ISSN 0034-7752), vol. 58, nr.1 (2007), p. 20 – 24, Impact Factor = 0,278, Author Factor = 0,093;
7. “Study on the specific effects of corrosion processes on ancient bronze artefacts”, **Advanced Technologies and Materials UGALMAT 2007**, „Dunarea de Jos” University of Galati, 2007, p. 335-344;
8. „Implication of the sem-edx technique in the study of old wood”, **Advanced Technologies and Materials UGALMAT 2007**, „Dunarea de Jos” University of Galati, p. 345-349;
9. „The study of metal-old wood interactions under the influence of pedological factors”, **Advanced Technologies and Materials UGALMAT 2007**, „Dunarea de Jos” University of Galati, 2007, p. 350-355;
10. „Scientific integrated conservation as interdisciplinary system”, **International Simpoziu CUCUTENI-5000 Redivivus**, Chisinau, Technical University, p. 12;
11. „The determination of archaeological patina components of ancient bronze artifacts”, „Achievements and Perspectives of Modern Chemistry” **IInd International Conference of the Chemical Society of the Republic of Moldova**, Chisinau, 1-3 octombrie 2007, p. 144;
12. „Evaluation of some physico-structural and chemical characteristics with chronological evolution for old wood for authentication”, „Achievements and Perspectives of Modern Chemistry” **IInd International Conference of the Chemical Society of the Republic of Moldova**, Chisinau, 1-3 octombrie 2007, p. 145;
13. „Involvement of chemistry in the integrated conservation of cultural heritage”, „Achievements and Perspectives of Modern Chemistry” **IInd International Conference of the Chemical Society of the Republic of Moldova**, Chisinau, 1-3 octombrie 2007, p. 34;
14. „Interdisciplinary chemical effects involved in inventics. I.”, in **INTELLECTUS**, (ISSN 18-10-70-79), Chisinau, vol. 13, nr. 3, 2007, 79 – 88;
15. „Interdisciplinary chemical effects involved in inventics. II.”, in **INTELLECTUS**, (ISSN 18-10-70-79), Chisinau, vol. 13, nr. 4, 2007, 63 – 70;
16. „Process for sulphurous anhydride removal from the winy distillate”, International Conference **AGRICULTURAL AND FOOD SCIENCES, PROCESSES AND TECHNOLOGIES**, Ed. Lucian Blaga University of Sibiu, 2007, p. 30-31;
17. „Process for neutralization of ferrocyanide slurry formed at the winy deferrization”, International Conference **AGRICULTURAL AND FOOD SCIENCES, PROCESSES AND TECHNOLOGIES**, Ed. Lucian Blaga University of Sibiu, 2007, p. 47-48;
18. „Modern chemistry application in the integrated conservation of natural and cultural heritage”, International Conference **AGRICULTURAL AND FOOD SCIENCES, PROCESSES AND TECHNOLOGIES**, Ed. Lucian Blaga University of Sibiu, 2007, p. 75-76;

19. „Instruirea in domeniul Inventicii. IV.” in **INTELLECTUS**, (ISSN 18-10-70-79), Chisinau, vol. 13, nr. 1, 2007, 89 – 93;
20. „Education in the field of Inventics. V.” in **INTELLECTUS**, (ISSN 18-10-70-79), Chisinau, vol. 13, nr. 2, 2007, 91-95;
21. “Study of the re-patination processes on restored areas of ancient bronze coins”, în **ACTA UNIVERSITATIS CIBIENSIS** (ISSN 1583-5030), **Seria F, CHEMIA**, vol. 10, 1, (2007), in print;

Inventii si dosare OSIM sau AGEPI:

1. „Method of dating the old cellulose textile materials”, Brevet MD 3325F/31.05.2007 (AGEPI File a2006-0190/17.07.2006, Owner the State University of Kisinev);
2. „Process for obtaining a green, opaque, photo- and thermoresistant pigment”, Brevet MD3296/30.04.2007 (AGEPI File a2006-0178/21.06.2006, Owner the State University of Kisinev);

Expert evaluator programe nationale de cercetare: CNCSIS (4), MEdC , CEEEX, ARACIS;

Coordonator partener programe internationale:

1. *Conducator de doctorat prin Programul EU Marie-Curie* (European PhD in Science for Conservation), anul I doctoral (Universitatea “Al.I.Cuza” Iasi, valoarea 76883,12 EUR).
2. Proiectul european Leonardo da Vinci MULTILATERAL PROJECT TRANSFER OF INNOVATION, 2007 – 2013
3D Web-based learning and training in the field of the Enterprise Product Lifecicle (Forumul Inventatorilor Români, valoare 15.000 EUR)

Director de proiecte prin programe nationale:

1. **Grant tip A, Cod CNCSIS 1412, Tema nr. 44/2007**, Contract nr. 27.693/2005, cu Ministerul Educatiei si Cercetarii, 2005-2007:
STUDII SI CERCETARI PRIVIND ELABORAREA DE NOI METODE SI TEHNICI UTILIZATE ÎN AUTENTIFICARE, (Universitatea “Al.I.Cuza” Iasi, valoare 31.000 RON);
2. **Grant tip A, Cod CNCSIS 423, IDEI, Tema nr. Contract nr. /2007**,
SISTEME INOVATIVE DE INVESTIGARE STIINTIFICA SI CONSERVARE INTEGRATA ÎN VEDEREA VALORIFICARII SI TEZAUORIZARII PATRIMONIULUI CULTURAL (Universitatea “Al.I.Cuza” Iasi, Platforma ARHEOINVEST, valoare 83.334 RON)
3. **Proiect CORINT, Contract nr.136/01.04.2007**, (Universitatea “Al.I.Cuza” Iasi, Platforma ARHEOINVEST, valoare 8904,1 EUR = 30.363 RON)
4. **Proiect PARTENERIAT, Contract nr. /18.09.2007** – coordonator proiect: Universitatea Tehnica „Gh. Asachi” Iasi
(Universitatea “Al.I.Cuza” Iasi, Platforma ARHEOINVEST – partener 2, valoare 20.000 RON)

Recunoasteri internationale si nationale:

Medalii (35):

- **Aur**: 16 (Moscova – 4, Sevastopol – 4, Chisinau – 3, Cluj - 2, Iasi - 3);
- **Argint**: 10 (Moscova – 1, Geneva – 1, Chisinau – 2, Sevastopol – 4, Cluj – 2);
- **Bronz**: 9 (Sevastopol – 3, Chisinau – 3, Cluj - 1, Iasi - 2);

Ordine si Distinctii: 11 (Moscova – 2, Sevastopol – 2, Chisinau – 4, Iasi – 3)

Diplome de Excelenta: 18 (Moscova - 3, Sevastopol - 2, Chisinau - 5, Cluj – 2, Iasi - 6).

Manifestari stiintifice internationale (10):

1. Conferinta Internationala **UGALMAT 2007 - Advanced Technologies and Materials**, 19-20 octombrie 2007, Universitatea „Dunarea de Jos” Galati (3 comunicari, moderator Sectiunea Ingineria Suprafetelor).
2. **Simpozionul International CUCUTENI-5000 Redivivus**, editia a II-a, Chisinau, 3-4 octombrie 2007 (1 conferinta);
3. **„Achievements and Perspectives of Modern Chemistry” IInd International Conference of the Chemical Society of the Republic of Moldova**, Chisinau, 1-3 octombrie 2007 (1 conferinta, 2 postere, moderator Sectiunea Chimie analitica);
4. **IIIrd International Salon of Inventions and new Technologies "NEW TIME"** Sevastopol, Ucraina, 26-28 septembrie 2007 (11 grupe de inventii – doua cupe, doua diplome de excelenta, 4 medalii de aur, 4 de argint si 3 de bronz);
5. **Expozitia internationala specializata, INFOINVENT 2007**, Chisinau, 26-30 iunie 2007 (9 grupe de inventii – O cupa de aur, un ordin, 3 medalii de aur, 2 argint, 3 bronz, un premiu in bani si 4 diplome);
6. **The 13th International Exhibition of Inventics, Scientific Research and Technologic Transfer, ECOINVENT 2007**, Iasi, 30 mai – 2 iunie (5 grupe de inventii, o medalie de aur, una de bronz, o medalie a salonului cu Diploma de Excelenta, Medalia de Aur a Salonului New Time Sevastopol, Medalia AGEPI, Premiul Special al Agentiei Economice Sevastopol);
7. **The Sixth International Congress in Material Science and Engineering**, Iasi, 24-27 mai 2007 (o conferinta);
8. **The Third International Conference AGRICULTURAL AND FOOD SCIENCES, PROCESSES AND TECHNOLOGIES**, „Lucian Blaga”, University of Sibiu, 26-27 April 2007, 3 postere;
9. **Al 35-ea Salonul International de Inventii, Tehnologii si Produse Noi, „PALEXPO 2007”**, Geneva, 18-22 aprilie 2007 – 1 grupa de inventii (1 medalie de argint);
10. **Salonul International de Proprietate Industriala si Creativitate Tehnica „ARCHIMEDES 2007”**, Moscova, Rusia, 26 – 31 martie 2007 - *Grand Prix AGEPI*, 3 medalii de aur si una de argint, Medalia si Diploma de Excelenta INOVA Zagreb, Diploma de Excelenta Universitatea Tehnica Chisinau, 2 Diplome de mentiune si multumire din partea organizatorilor;

Manifestari stiintifice nationale (2):

1. **Conferinta Nationala de Arheologie**, Tulcea, 29 mai – 1 iunie 2007 (masa rotunda Arheoinvest);
2. **Agenda Workshop, Regiunea Nord-Est, ICMMP** Iasi, 14 martie 2007 (o conferinta);

Activitati ca membru în asociatii stiintifice si profesionale din tara si strainatate:

Coordonator de program UE Marie-Curie (PC 6), partener 7, 2005-2009;

Forumul Inventatorilor Români (Presedinte);

Societatea Româna de Chimie (membru);

Societatea EURACHEM – România (membru);

Clubul International de Inovare ARCHIMEDES, Moscova, 10.09.2005 (membru fondator)

Activitatii în colectivul redactional al unor reviste din tara si strainatate:

- **JOURNAL OF ARCHAEOLOGICAL SCIENCE**, Elsevier, (cotata ISI Thompson) – referent stiintific;
- **REVISTA DE CHIMIE**, Bucuresti (cotata ISI Thomson) – membru colegiu de redactie;
- **ACTA UNIVERSITATIS CIBINIENSIS**, Seria F, **Chemia**, Universitatea „Lucian Blaga” Sibiu (în grupa B CNCSIS)) – membru colegiu de redactie;
- **REVISTA DE INVENTICA**, Institutul National de Inventica Iasi (în grupa B CNCSIS)) – membru colegiu de redactie;
- **ANALELE UNIVERSITATII „AL.I.CUZA” IASI**, Seria Teologie (în grupa C CNCSIS)) – membru colegiu de redactie.

Membru în Jurii Internationale:

- **Salonul International de Proprietate industriala si creativitate tehnica „ARCHIMEDES 2007”**, Moscova, Rusia, 15 – 18 martie 2007
- **Mejdunarodnii Salon Izobretenii i Novih Tehnologhii „Novoe Vreamea”**, Sevastopol, 26-28 septembrie 2007;

Membru în comitetul de organizare/comitetul stiintific/chairman manifestari stiintifice internationale (2):

1. **Salonul National PROINVENT 2007**, Cluj-Napoca, martie 2007;
2. Conferinta Internationala **UGALMAT 2007 - Advanced Technologies and Materials**, 19-20 octombrie 2007, Universitatea „Dunarea de Jos” Galati;
3. **„Achievements and Perspectives of Modern Chemistry” IInd International Conference of the Chemical Society of the Republic of Moldova**, Chisinau, 1-3 octombrie 2007;

Titular discipline:

Programe de studii nationale (Univ. „Al. I. Cuza” Iasi)

- **Chimia conservarii si restaurarii** An II, sem. I si II, curs + lab.
- **Conservarea si restaurarea metalelor** An IV, sem II, curs
- **Investigarea stiintifica a operelor de arta, Studii Aprofundate, Sem. I si II, curs + lab.**

Membru în Comisia Europeana de Admitere la Scoala Doctorala EPISCON

Membru în Comisia Examen de Doctorat (Universitatea Tehnica „Gh.Asachi” Iasi, Facultatea de Constructii: Arh. Roxana Elena STRUT-STEFANOVICI)

Membru în Comisia de disertatie

Conducator lucrari de disertatie: 1.

Executarea expertizelor pentru lucrari de diploma: 8.