

## DOBRINAȘ SIMONA

2006-2010

**TOTAL 1739,83 puncte**

### I. Activitatea științifică

**763,82 p**

**Teza de doctorat** „Determinarea unor poluanți organici din apele litoralului românesc”-  
**Simona Dobrinaș**, 1999 – 2003, conducător științific Prof. Dr. Docent George-Emil Baiulescu

### 2. Articole științifice in extenso in:

**472,1 p**

#### Categoria B+

**117,66p**

1. **S. Dobrinas**, Alina Soceanu, N. Matei, I. Danciu, ”Validation of a spectrometric method based on prussian Blue reaction used for the determination of ascorbic acid from honey and propolis”, *Ovidius University Annals of Chemistry*, 21(2), 152-157, **2010**  
**80x0,333/4=6,66**
2. **S. Dobrinas**, Alina Soceanu, Cateluta Badan Gheorghiu and Mihaela Tanase, “Comparative methods applied for the determination of total iron from beer samples”, *Ovidius University Annals of Chemistry*, 21(1), 35-40, **2010**  
**80x0,333/4=6,66**
3. **S. Dobrinas**, Gabriela Stanciu, Florentina Roncea and Oana Cucui, “Quality control of milk and dairy products”, *Ovidius University Annals of Chemistry*, 21(1), 91-95, **2010**  
**80x0,333/4=6,66**
4. **S. Dobrinas**, G. Stanciu, A. Soceanu, Analytical characterization of three distilled drinks”, *Ovidius University Annals of Chemistry*, 20, 48-52, **2009**  
**80x0,333/3=8,88**
5. N. Matei, A. Soceanu, **S. Dobrinas**, V. Magearu, „Kinetic study of ascorbic acid degradation from grapes”, *Ovidius University Annals of Chemistry*, 20, 132-136, **2009**  
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6. A. Soceanu, **S. Dobrinas**, S. Birghila, V. Popescu, V. Magearu, „Levels of phosphorus in citrus fruits”, *Ovidius University Annals of Chemistry*, 20, 87-90, **2009**  
**80x0,333/5=5,328**
7. A. Soceanu, **S. Dobrinas**, V. Popescu, V. Magearu, “Determination of some trace metals in different stages of Solanum Lycopersicum plant growing”, *Ovidius University Annals of Chemistry*, vol. XVIII (2), 120-123, **2007**  
**80x0,333/4=6,66**
8. A. Dumbrava, **S. Dobrinas**, S. Birghila, “Water quality characteristics along the course of the Danube River. II. The Harsova area”, *Ovidius University Annals of Chemistry*, vol. XVIII (2), 124-131, **2007**  
**80x0,333/3=8,88**
9. A. Soceanu, **S. Dobrinas**, V. Popescu, S. Birghila, V. Magearu, “Levels of Mg and Cd concentration in citrus fruits”, *Ovidius University Annals of Chemistry*, vol. XVIII (1), 13-16, **2007**  
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10. E. Chirila, **S. Dobrinas**, S. Birghila, "Metals determination in some petroleum industry spent catalysts", *Ovidius University Annals of Chemistry*, vol. XVIII (1), 68-70, **2007**  
**80x0,333/3=8,88**
11. A. Dumbrava, **S. Dobrinas**, S. Birghila, "Water quality characteristics along the course of the Danube River. I. The Rasova area", *Ovidius University Annals of Chemistry*, vol. XVIII (1), 84-89, **2007**  
**80x0,333/3=8,88**
12. A. Soceanu, **S. Dobrinas**, V. Popescu, V. Magearu, "Selected metals in fruits from Rosaceae family", *Ovidius University Annals of Chemistry*, vol. XVII (2), 194-197, **2006**  
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13. **S. Dobrinas**, A. Soceanu, S. Birghila, V. Popescu, V. Magearu, "Occurrence of trace elements in some vegetables of the Magnoliopsida Class", *Ovidius University Annals of Chemistry*, vol. XVII (2), 202-205, **2006**  
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14. **S. Dobrinas**, S. Birghila, A. Soceanu, "Determination of some heavy metals from honey", *Ovidius University Annals of Chemistry*, vol. XVII (2), 206-208, **2006**  
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15. A. Soceanu, **S. Dobrinas**, V. Popescu, S. Birghila, V. Magearu, "Research on trace elements in plants of the Apiaceae Family by FAAS", *Ovidius University Annals of Chemistry*, vol. XVII (1), 79-82, **2006**  
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16. S. Birghila, N. Rasanu, **S. Dobrinas**, N. Matei, "The insecticides influence on vitamin C content in some fruit during the vegetation period", *Ovidius University Annals of Chemistry*, vol. XVII (1),, 36-38, **2006**  
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17. N. Rasanu, S. Birghila, **S. Dobrinas**, N. Matei, M. Belc, "The copper influence on germination process of vegetables", *Ovidius University Annals of Chemistry*, vol. XVII (1),, 65-69, **2006**  
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### **Categoria B**

**13,5p**

1. **S.Dobrinas**, E.Stadler, E.Chirila, "Determination of total phenolic compounds of some fruits and vegetables", *Ovidius University Annals of Chemistry* 19, 30-33, **2008**  
**18/3=6p**
2. E.Chirila, **S.Dobrinas**, G.Stanciu, M. Munteanu, A.I.Oancea, I.Comnea, "Analytical characterization of plant materials used in cosmetics", *Ovidius University Annals of Chemistry* 19, 64, **2008**  
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3. A. Soceanu, **S. Dobrinas**, V. Popescu, V. Magearu, „Determination of total chromium in some vegetables and fruits grown in urban and rural areas”, *Ovidius University Annals of Chemistry* 19, 27-29, **2008**  
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1. S. Birghila, **S. Dobrinas**, „The influence of the storage time on the stability of butter, *Environmental Engineering and Management Journal*, 9 (11), 469-472, 2010  
**100x(0,885+0,333)/2=60,9p**
2. G. Stanciu, E.Chirila, **S. Dobrinas**, T. Negreanu-Pirjol, Studies regarding the determination of antioxidant properties of new plant extracts for cosmetic purposes, *Revista de Chimie*, 61 (1), 45, 2010  
**100 x( 0,552+0,333)/4=22,12p**
3. C. Draghici, **S. Dobrinas**, , E. Chirila, G.Stanciu, „Residues of aromatic polycyclic hydrocarbons from refinery spent catalysts”, *Environmental Engineering and Management Journal*, 8(4), 935-938, 2009  
**100 x(0,885+ 0,333)/4=30,45p**

4. A. Soceanu, **S. Dobrinaș**, G.Stanciu, V. Coatu, D.T. Epure, „Residues of polycyclic aromatic hydrocarbons in different stages of capsicum Anuum (pepper) and Solanum lycopersicum (tomato) growing”, *Environmental Engineering and Management Journal*, 8 (1), 49-54, 2009 **100 x (0,885+0,333)/5=24,36p**
5. G.Stanciu, **S. Dobrinaș**, S. Birghilă, M. Popescu, “Determination of organic compounds from different types of coffee by HPLC and GC-ECD analysis”, *Environmental Engineering and Management Journal*, 7 (6), 661-666, 2008 **100 x 0,33/4=8,25p**
6. S. Birghilă, **S. Dobrinaș**, G.Stanciu, A. Soceanu, „Determination of major and minor elements in milk through ICP-AES”, *Environmental Engineering and Management Journal*, 7 (6), 805-808, 2008 **100 x 0,33/4=8,25p**
7. **S. Dobrinaș**, S. Birghilă, V. Coatu, “Assessment of polycyclic aromatic hydrocarbons in honey and propolis produced from various flowering trees and plants in Romania”, *Journal of Food Composition and Analysis*, 21 (1), 71-77, 2008 **100 x (1,655+0,333)/3=66,26p**
8. **S. Dobrinaș**, A. Soceanu, S. Birghila, V. Coatu, „Polycyclic aromatic hydrocarbons and organochlorine pesticides contents in tap and surface waters”, *Environmental Engineering and Management Journal*, 7 (1), 57-60, 2008 **100 x 0,33/4=8,25p**
9. E. Doroftci, M. Rotaru-Stancic, **S. Dobrinaș**, D. Mandalopol, “Relationships between metals extent and cytological characteristics at *Prunus Persica*L. Pollen”, *Environmental Engineering and Management Journal*, 7 (2), 2008 **100 x 0,33/4=8,25p**
10. N. Matei, S. Birghilă, V. Popescu, **S.Dobrinaș**, A. Soceanu, C. Oprea, V. Magearu, “Kinetic study of vitamin C degradation from pharmaceutical products”, *Romanian Journal of Physics*, 53 (1-2), 343-351, 2008 **100 x 0,33/7=4,71p**
11. V. Popescu, S. Birghila, **S. Dobrinaș**, „Determination of heavy metals in extracts and macerates from garden flowers ”, *Environmental Engineering and Management Journal*, 7 (4), 305-308, 2008 **100 x 0,33/3=11p**

#### **Volume la sesiuni de comunicari internationale neindexate**

**28,8p**

1. G. Stanciu, **S. Dobrinaș**, S. Birghila, „Le determination des composants organiques residues pour different types du cafe par HPLC”, *Cinquime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA in Scientific Study \$ Research*, Bacau, Romania, ISSN: 1582-540, p.325-330, 2008 **12/3=4p**
2. V. Popescu, A. Soceanu, S. Birghila, **S. Dobrinaș**, „Determination du contenu des metaux lourds dans l'extrait de raisin et de melon”, *Cinquime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA, in Scientific Study \$ Research*, Bacau, Romania, p. 331-336, 2008 **12/4=3p**
3. N. Matei, S. Birghila, G. Menabit, **S. Dobrinaș**, V. Magearu, „Determination spectrophotometrique d'acide ascorbique en raisin avec la reaction de bleu prussien”, *Cinquime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA, in Scientific Study \$ Research* 2008 **12/5=2,4p**
4. V. Popescu, A. Soceanu, S. Birghila, **S. Dobrinaș**, „Synthesis and characterisation of some metal-loaded ZSM-5 zeolite catalysts”, *International Conference on Materials*

- Science and Engineering Bramat*, Brasov, February, ISSN: 1223-9631, p. 237-240, **2007** **12/4=3p**
5. S. Birghila, **S. Dobrinas**, V. Popescu, „Determination of chloride in magma rocks”, *International Conference on Materials Science and Engineering Bramat*, Brasov, February, ISSN: 1223-9631, p. 167-169, **2007** **12/3=4p**
  6. S. Birghilă, **S. Dobrinaș**, N. Matei, „Determination of cadmium and lead levels in human teeth”, *Metal Elements in Environment, Medicine and Biology*, vol. VII in Eds Symposium series Z. Graban, P.Dragan, *Proceeding of the 7<sup>th</sup> international Symposium on Metal Elements in Environment, Medicine and Biology*, Timișoara, November, ISBN: 973-620-238-0, ISSN: 1583-4204, p. 81-84, **2006** **12/3=4p**
  7. G. Stanciu, S. Birghilă, S. Lupșor, **S. Dobrinaș**, „Determination of some heavy metals and caffeine from different types of coffee”, *Metal Elements in Environment, Medicine and Biology*, vol. VII in Eds Symposium series Z. Graban, P.Dragan, *Proceeding of the 7<sup>th</sup> international Symposium on Metal Elements in Environment, Medicine and Biology*, Timișoara, November, ISBN: 973-620-238-0, ISSN: 1583-4204, p. 317-320, **2006** **12/4=3p**
  8. V. Popescu, A. Soceanu, S. Birghila, **S. Dobrinas**, “Physico-chemical and analytical characterisation on some extracts, macerates and fresh fruits from Rosaceae family ”, *Le Quatrieme Colloque Franco-Roumain de Chimie Apliquee, in Scientific Study \$ Research*, ISSN: 1582-540X, Clermont-Ferrand, Franta, p. 779-784, **2006** **12/4=3p**
  9. **S. Dobrinas**, N. Matei, A. Soceanu, S. Birghila, V. Popescu, “Estimation on vitamin C and Cd, Cu, Pb content in honey and propolis”, *Le Quatrieme Colloque Franco-Roumain de Chimie Apliquee, in Scientific Study \$ Research*, ISSN: 1582-540X, Clermont-Ferrand, Franta, p. 729-734, **2006** **12/5=2,4p**

#### **Volume la sesiuni de comunicari internationale indexate ISI**

**59,34p**

1. A. Soceanu, **S. Dobrinaș**, V. Coatu, E. Chirila, pesticide residues determination in vegetables from Romania by GC-ECD, Exposure and Risk Assesment of Chemical pollution – Contemporary methodology, **Ed. Springer**, Editor L.I. Simeonov and M.A. Hassanien, ISBN 978-90-481-2333-9; ISSN 1872-4668, 423-429, **2009** **26/4=6,5p**
2. G.Stanciu, E. Chirilă, T. Negreanu-Pirjol S. Dobrinas, „Studies regarding antioxidative properties of plant extracts for cosmetic purposes using photochemiluminiscence”, *The Journal of Biological and Chemical Luminiscence*, 23, 271, 2008 **26/4=6,5p**
3. E. Chirilă, S. Dobrinas, G.Stanciu, C. Draghici, „Polycyclic aromatic hydrocarbons determination in refinery spent catalysts by HPLC-FLD”, *The Journal of Biological and Chemical Luminiscence*, 23, 208, 2008 **26/4=6,5p**
4. A. Soceanu, **S. Dobrinaș**, V. Popescu, S. Birghilă, V. Magearu, „Comparative study of some essential elements in different types of vegetables and fruits”, *Environmental Engineering and Management Journal*, 6 (6), 593-596, 2007 **26/5=5,2p**

5. E. Chirilă, C. Drăghici, **S. Dobrinaș**, *Sampling and sample pretreatment for environmental analysis*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, **Ed. Springer**, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 7-28, **2006**  
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6. **S. Dobrinaș**, S. Birghilă, M. Belc, *Accumulation of copper, cadmium, iron, magnesium and zinc, in three development stages of red pepper*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, **Ed. Springer**, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 409-412, **2006**  
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7. L.D. Galatchi, **S. Dobrinaș**, E. Chirilă, *Threats on the seaside lakes water and their acute and long-term consequences*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, **Ed. Springer**, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 201-218, **2006**  
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8. **S. Dobrinaș**, S. Birghilă, V. Coatu, *Determination of organochlorine pesticides in honey from different regions in Romania*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, **Ed. Springer**, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 413-416, **2006**  
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70,37p

1. **S. Dobrinaș**, S. Birghilă, V. Coatu, "Assessment of polycyclic aromatic hydrocarbons in honey and propolis produced from various flowering trees and plants in Romania", *Journal of Food Composition and Analysis*, 21 (1), 71-77, 2008 **citat de:**
  1. S. Moret, G. Purcaro, L.S. Conte în „Polycyclic aromatic hydrocarbons (PAHs) levels in propolis and propolis-based dietary supplements from the Italian market” *Food Chemistry* 122 (1), 333-338, 2010
  2. H. Pan, Y. Cao în „Optimization of pretreatment procedures for analysis of polycyclic aromatic hydrocarbons in charcoal-grilled pork”, *Analytical letters*, 97-109, 2010
  3. D.L. Norwood, J.O. Mullis în "Special case" leachables: A brief review - Extractables/ leachables”, *American Pharmaceutical Review* 12 (3), 2009
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2. G.Stanciu, **S. Dobrinaș**, S. Birghilă, M. Popescu “Determination of organic compounds from different types of coffee by HPLC and GC-ECD analysis”, *Environmental Engineering and Management Journal*, 7 (6), 661-666, 2008

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3. S. Birghilă, **S. Dobrinaș**, G.Stanciu, A. Soceanu „Determination of major and minor elements in milk through ICP-AES”, *Environmental Engineering and Management Journal*, 7 (6), 805-808, 2008

1. Iwegbue CMA, Nwozo SO, Overah LC, et al. în „Survey of trace element composition of commercial infant formulas in the Nigerian market”, *Food additives & Contaminants part B-Surveillance*, 3 (3), pp. 163-171, 2010

2. Gradinaru A.C., O.Popescu, G. Solcan, în „Heavy metals residues in milk from dairy farms of Moldavia, Romania”, *Environmental Engineering and Management Journal*, 9(7), pp. 915-920, 2010

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4. E. Doroftei, M. Rotaru-Stancic, **S. Dobrinaș**, D. Mandalopol, “Relationships between metals extent and cytological characteristics at *Prunus Persica*L. Pollen”, *Environmental Engineering and Management Journal*, 7 (2), 2008

1.Cozma D, Tanase C, Tunsu C, Statistical study of heavy metal distribution in the specific mushrooms from the steril dumps calimani area, *Environmental Engineering and Management Journal*, 9 (5), pp. 659-665, 2010

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5. E. Chirilă, C. Drăghici, **S. Dobrinaș** *Sampling and sample pretreatment for environmental analysis*, Chemicals as Intentional and Accidental Global Environmental Threats, NATO Security through Science Series C: Environmental Security, Ed. Springer, ISBN 978-1-4020-5097-8; ISSN 1872-4668, 7-28, 2006

1. C. Draghici, E Chirila în “Complex characterization of polluted samples”, *NATO Advanced Study Institute on Exposure and Risk Assessment of Chemical Pollution - Contemporary Methodology*, JUL 01-10, 2008 Sofia, BULGARIA Source: *EXPOSURE AND RISK ASSESSMENT OF CHEMICAL POLLUTION - CONTEMPORARY METHODOLOGY Book Series: Nato Science for Peace and Security Series C - Environmental Security*, 165-180, 2009

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6. A. Soceanu, **S. Dobrinaș**, G.Stanciu, V. Coatu, D.T. Epure, „Residues of polycyclic aromatic hydrocarbons in different stages of capsicum Anuum (pepper) and Solanum lycopersicum (tomato) growing”, *Environmental Engineering and Management Journal*, 8 (1), 49-54, 2009

1. A. Soceanu, Determination of some trace metal concentrations in imported fruits by FAAS and ICP-MS, 9 (8), 1039-1044, 2010

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7. A. Soceanu, V. Popescu, V. Magearu, S. Birghilă, **S. Dobrinaș**, N. Matei, „Determination of some essential and potential toxic trace elements from citrus fruits”, *Revista de Chimie*, 56, 115-117, 2005 **citat de:**

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8. N. Matei, S. Birghilă, **S. Dobrinaș**, P. Capota “Determination of C vitamin and some essential trace elements (Ni, Mn, Fe, Cr) in bee products”, *Acta Chimica Slovenica*, 51, 169-175, 2004 **citat de:**

1. P. Matusevicius, B. Staniskiene, R. Budreckiene în “Metals and organochlorine compounds in Lithuanian honey”, *Polish Journal of Food and Nutrition Sciences*, 60 (2), pp. 159-163, 2010
2. P. Pohl, I. Sergiel, H. Stecka în “Determination and fractionation of metals in honey”, *Critical Reviews in Analytical Chemistry*, 39 (4), 276-288, 2009
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5. A. Kesic, M. Mazalovic, A. Crnkic, B. Catovici, A. Sestan în “Identification and quantification of microbiogen elements ferum, cuprum and zinc”, *Technics Technologies Education Management*, 3 (2), pp.46-50, 2008
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7. M. Lazarova, L. Yurokova în „Pollen and inorganic analyses of bee honey from Shumen District (North-Eastern Bulgaria)”, *Comptes Rendus de L'Academie Bulgare des Sciences*, 60 (11), 1187-1192, 2007
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9. L.G. Shaidarova, A.V. Gedmina, I.A. Chelnokova, G.K. Budnikov în „Electrocatalytic oxidation and flow-injection determination of ascorbic acid at a graphite electrode

modified with a polyaniline film containing electrodeposited palladium”, *Journal of Analytical Chemistry*, 61, 601-608, 2006.

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9. S. Birghilă, **S. Dobrinaș**, N. Matei, V. Magearu, V. Popescu, A. Soceanu „Distribution of Cd, Zn and ascorbic acid in different stages of tomato (*Lycopersicum esculentum solanaceae*) plant growing”, *Revista de Chimie*, 55 (9), 683-685, 2004 **citat de:**

1. T.R.L.C. Paixao, D. Lowinsohn, M. Bertotti în „Use of electrochemically etched platinum microelectrode for ascorbic acid mapping in oranges”, *Journal of Agricultural and Food Chemistry*, 54(8), 3072-3077, 2006

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10. E. Chirilă, **S. Dobrinaș**, V. Coatu „Determination of some organic and inorganic pollutants in wine”, *Revista de Chimie*, 55 (6), 381-385, 2004 **citat de:**

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11. **S. Dobrinaș**, S. Birghilă, V. Coatu, A.I. Stoica, G.E. Baiulescu „Contamination of the Black Sea Coast by polycyclic aromatic hydrocarbons and organochlorine pesticides”, *Revista de Chimie*, 55 (7), 483-487, 2004 **citat de:**

1. Popescu M, C. I. Koncsag, A.I. Birladeanu în „Monitoring of PAHs in refinery effluents”, *Environmental Engineering and Management Journal*, 8(1), 67-71, 2009

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12. N. Matei, V. Magearu, S. Birghilă, **S. Dobrinaș** „The determination of vitamin C from sweet cherries and cherries”, *Revista de chimie*, 55(5), 294-296, 2004 **citat de:**

1. A. Pisoschi, A.M. Pisoschi, G. P. Negulescu în „Ascorbic acid determination by an amperometric ascorbate oxidase-based biosensor”, *Revista de Chimie*, 61 (4), pp. 339-344, 2010
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13. A. Curulli, **S. Dobrinaș (Drăgulescu)**, C. Cremisini, G. Palleschi „Bienzyme amperometric probes for choline and choline esters assembled with non-conducting electrosynthesised polymers”, *Electroanalysis*, 13 (3), 236, 2001 (*Drăgulescu*-nume înainte de casatorie) **citat de:**

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2. A. Curulli, C. Bianchini, D. Zane în “Electrosynthesis of Poly(o-phenyldiamine) in a Room Temperature Ionic Liquid. Part II: Assembling of Interference-Free Glucose Electrochemical Biosensor”, *Sensor Letters*, 7 (6), pp. 1030-1038, 2009
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**51,85p**

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1. **S. Dobrinias**, G. Stanciu, A. Soceanu, D.T. Epure, V. Bold, „Le controle de qualite des alimentes prepares de Scomber Scombrus (Maquereau)”, *Siexime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA*, ISSN: 2068-6382, Orleans, Franta, p. 154, 7-10 iulie, **2010** **5/5=1p**
2. **S. Dobrinias**, A. Soceanu, G. Stanciu, V. Popescu, D.T. Epure, C. Bicoiu, „Caracterisation analitique des precipitation”, *Siexime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA*, ISSN: 2068-6382, Orleans, Franta, p. 193, 7-10 iulie, **2010** **5/6=0,83p**
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5. **S. Dobrinias**, A. Soceanu, C. Badan Gheorghiu, M. Tanase, “Comparative methods applied for the determination of total iron from beer samples”, *Workshop Challenges in food chemistry, Constanta*, 28-29 mai, 46-47, ISBN 978-973-614-538-4, **2010** **5/4=1,25p**
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  12. A. Soceanu, **S. Dobrinas**, V. Coatu, “Pesticide residues determination in vegetables by GC-ECD”, *Exposure and Risk Assessment of Chemical Pollution- Contemporary Methodology, ESPMD. ASI 983351*, Borovetz, Bulgaria, 1-10 iulie, 2008 **5/3=1,66p**
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29. A. Soceanu, **S. Dobrinas**, V. Popescu, S. Birghila, V. Magearu, „Content of polycyclic aromatic hydrocarbons (PAHs) in Allium Sativum L. (garlic) and Allium Cepa L. (onion)”, *EnvEdu 2006 Conference*, ISBN: 973-635-737-6, Brasov, Romania, p.55, 18-20 noiembrie, **2006** **5/5=1p**
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31. V. Popescu, A. Soceanu, S. Birghila, **S. Dobrinas**, "Determination du contenu en Cu, Zn, Mn, des extracts des fruits obtenu par diverses techniques", *Le Quatrieme Colloque Franco-Roumain de Chimie Apliquee*, ISBN: 973-8392-17-9, Clermont-Ferrand, Franta, p. 349-350, 28 iunie-2 iulie, **2006** **5/4=1,25p**
32. **S. Dobrinas**, N. Matei, A. Soceanu, S. Birghila, V. Popescu, "Determination de la vitamine C et des metaux dans les produits apicoles", *Le Quatrieme Colloque Franco-Roumain de Chimie Apliquee*, ISBN: 973-8392-17-9, Clermont-Ferrand, Franta, p. 322-323, 28 iunie-2 iulie, **2006** **5/5=1p**
33. N. Rasanu, S. Birghila, **S. Dobrinas**, N. Matei, M. Belc, "The copper influence on germination process of vegetables", *National Conference with international*

- participation „CHIMIA 2006”*, ISBN: 973-614-302-3, Constanta, Romania, p.46, 12-13 mai, **2006** **5/5=1p**
- 34.** S. Birghila, N. Rasanu, **S. Dobrinas**, N. Matei, “The insecticides influence on vitamin C content in some fruit during the vegetation period”, *National Conference with international participation „CHIMIA 2006”*, ISBN: 973-614-302-3, Constanta, Romania, p.47, 12-13 mai, **2006** **12/4=3p**
- 35.** A. Soceanu, **S. Dobrinas**, V. Popescu, S. Birghila, V. Magearu, “Research on trace elements in plants of the Apiaceae Family by FAAS”, *National Conference with international participation „CHIMIA 2006”*, ISBN: 973-614-302-3, Constanta, Romania, p.63, 12-13 mai, **2006** **5/5=1p**

#### **Comunicări științifice invitate**

**10/2=5p**

- 1.** **S. Dobrinaș**, S. Birghilă, “Stabilirea gradului de acumulare a unor poluanți în produse apicole”, Societatea de Chimie Analitică, 25 mai, **2007**

#### **5. Monografiile științifice**

**53p**

- S. Dobrinaș**, „Nivelul poluanților organici din apa Mării Negre”, **2008**, „Ovidius University Press”, ISBN 978-973-614-425-7, p.106 **106 x0,5=53p**

#### **6. Granturi și contracte**

**12p**

##### **6.1. Proiecte de grant propus la nivel national**

**1p**

1. Influenta diferitelor procedee de conservare asupra continutului in vitamine si elemente minerale din legume 2008 membru **0,5p**
2. Evaluarea potentialului toxic al pesticidelor, hidrocarburilor policiclice aromatice si al metalelor asupra fructelor si sucurilor 2007 membru **0,5p**

##### **6.3. Granturi/proiecte nationale aprobate**

**6p**

1. “*Receptori moleculari redox pentru senzori electrochimici*”, proiect în cadrul programului Parteneriate în Domeniile prioritare, Universitatea București (director Prof. dr. ing. Ungureanu Mihaela), - partener Universitatea "Ovidius" Constanța (responsabil Conf. dr. ing. Gabriela Stanciu), - nr. 71-067 din 18.09.2007/ 2007-2010, **membru** **0,5p**
2. “*Contribuția microorganismelor planctonice în circuitul carbonului din zona costieră a Mării Negre*”, Institutul Național de Cercetare și Dezvoltare Marină Grigore Antipa INCDM din Constanța (director Elena Stoica), valoare totală 50 000 RON – Grant CNCIS 150/2006-2007, **membru** **0,5p**
3. “*Stabilirea gradului de acumulare a unor pesticide organoclorurate și hidrocarburi policiclice aromatice în produse apicole*”, Universitatea "Ovidius" Constanța – Grant CNCIS 137/2006, **director de grant** **5p**

**6.5. Contracte de cercetare fara recenzare** **0,1p**

1. "Analiza calitativă și cantitativă a macroelementelor și microelementelor din apa pentru irigat și din solul pentru cultură", Universitatea "Ovidius" Constanța – Contract nr. 748/15.03.2006 cu SC Lider Internațional SA Sucursala Constanța, membru **0,1p**

**6. Granturi/proiecte incasate** **4,9p**

1. "Receptori moleculari redox pentru senzori electrochimici", proiect în cadrul programului Parteneriate în Domeniile prioritare, Universitatea București (director Prof. dr. ing. Ungureanu Mihaela), - partener Universitatea "Ovidius" Constanța (responsabil Conf. dr. ing. Gabriela Stanciu), - nr. 71-067 din 18.09.2007/ 2007-2010  
2008 – 77250/6=12875RON – **3,21p**  
2009- 17776/6=2962,6RON – **0,74p**
2. "Stabilirea gradului de acumulare a unor pesticide organoclorurate și hidrocarburi policiclice aromatice în produse apicole", Universitatea "Ovidius" Constanța – Grant CNCSIS 137/2006, director de grant - 3810RON **0,95p**

**8. Comisii/comitete/societati stiintifice/referent stiintific** **96p**

**8.3** membru în comitetul științific ale workshopului internațional Challenges in Food Chemistry, (2010) **2p**

**8.4** membru in comitetul stiintific al revistei Analele Universitatii Ovidius 2008, 2009, 2010 **3p**

**8.5 Referent științific la reviste de specialitate** **84p**

- Acreditate CNCSIS:
  - Analele Universitatii Ovidius **48p**
    - 2010 – 4x3=12p
    - 2009 – 9x3=27p
    - 2008 – 3x3=9p
- Reviste cotate ISI: **36p**
  - Food Chemistry (2009-2010)
  - Journal of Food Composition and Analysis (2010)
  - Journal of Food Quality (2008)
  - International Journal of Analytical Chemistry (2010)
  - Environmental Monitoring and Assessment (2010)

1. Chemical composition and functional properties of *Ulva lactuca* seaweed collected in Tunisia, Hela Yaich, Haikel Garna, Souhail Besbes, Michel Paquot, Christophe Blecker, Hamadi Attia, for the *Food Chemistry*, (F-3,146), 2010 **7p**
2. PAHs in raw cane sugar (rapadura) in Brazil, Flavio Soares Silva, Joyce Cristale, Maria Lucia Ribeiro, Mary Rosa Rodrigues de Marchi for the *Journal of Food Composition and Analysis* (F- 2,243), 2010 **7p**

3. Spectrophotometric determination of nitrite by its catalytic effect on the oxidation of Congo red with bromate, Zenovia Moldovan for the *Environmental Monitoring and Assessment*, 2010 **5p**
4. Determination of the levels of Polycyclic Aromatic Hydrocarbons (PAHs) in Toasted Bread Using Gas Chromatography Mass Spectrometry, Amal Al-Rashdan, Murad I.H. Helaleh, Nisar A., Ibtisam A., Zainab Al-Ballam for the *Journal of Analytical Chemistry*, 2010 **5p**
5. Polycyclic Aromatic Hydrocarbons (PAHs) levels in propolis and propolis-based dietary supplements from the Italian market for the, Sabrina Moret, Giorgia Purcaro, Lanfranco S. Conte for the *Food Chemistry* (F-3,146), 2009 **7p**
6. Volatile constituents of essential oil from the seeds of fennel (*Foeniculum vulgare* Miller) for the *Journal of Food Quality* (F-0,2), 2008 **5p**

### 8.7 Referent îndrumare de laborator:

1. V. Popescu, A. Soceanu -, „Chimie coloidală-Lucrari practice”-2010 ”Ovidius” University Press, ISBN: 978-973-614-572-8 **2p**

### 8.10 Membru în societati

**1x5=5p**

- Societatea de Chimie Analitică din România (SCAR) din 1999-2010;
- Societatea de Chimie din Romania din 2002;
- Asociația INTERMEDIU Romania din 2004;
- Societatea internațională Eurachem din Romania din 2005
- Asociația Specialiștilor din Industria Alimentară din Romania (ASIAR) din 2010

### 9.4

#### Stagii în străinătate

**o luna jumătate -3,5p**

1. ASI NATO Advanced Study Institute on Chemicals and Intentional and Accidental Global Environmental Threats, 16-27 noiembrie 2005, Borovetz, Bulgaria
2. SEQA Grant-complementary, EUROanalysis XIV, Division of analytical chemistry of the federation of european chemical societies, 9-14 septembrie 2007, Antwerp, Belgium
3. Bursă SOCRATES ERASMUS în cadrul proiectului CDI „MASS - MANAGEMENT AND SECURITY ASSESSMENT FOR SUSTAINABLE ENVIRONMENT” pentru cadrele didactice în perioada 23 - 30 sept 2007 la Universitatea Bologna, Italia.
4. Bursă de mobilitate individuală SOCRATES ERASMUS pentru cadrele didactice în perioada 05 – 14 septembrie 2008 la Universitatea Bologna, Italia.
5. Bursă de mobilitate individuală SOCRATES ERASMUS pentru cadrele didactice în perioada 02 – 13 septembrie 2009 la Universitatea Bologna, Italia.

## II. ACTIVITATEA DIDACTICA

808,19p

2. C. Drăghici **S. Dobrinaș**, , E. Chirilă, „Metode analitice de separare”, 2010, „Ovidius University Press”, Editia a doua adaugita si revizuita, ISBN 978-973-614-535-3, p.261 **0,8x261/3=69,6p**

3. **S. Dobrinaș**, C. Drăghici, E. Chirilă, „Metode analitice de separare”, 2008, „Ovidius University Press”, ISBN 978-973-614-426-4, p.157  
(2008-2010)  $0,8 \times 157 / 3 = 41,86 + 37,68 + 33,49 = \mathbf{113,03p}$
4. **S. Dobrinaș**, „Analiza instrumentală”, 2005, „Ovidius University Press”, ISBN 973-614-296-5, p. 115  
 $0,8 \times 115 / 1 = 92 - 2005$        $2006 - 82,8$        $+ 2007 - 74,52$   
 $2008 - 67$        $+$        $2009 - 60,3$        $+$        $2010 - 54,3$       **338,92p**
5. E. Chirilă, S. Birghilă, **S. Dobrinaș**, „Chimie analitică. Considerații teoretice și probleme”, 2005, „Ovidius University Press”, ISBN 973-614-150-0, p.229  
 $0,4 \times 229 / 3 = 30,53 - 2005$        $2006 - 27,48 +$        $2007 - 24,74 +$        $2008 - 22,27 +$   
 $2009 - 20,05 +$        $2010 - 18,05$       **112,59p**
6. E. Chirilă, **S. Dobrinaș**, „Chimie analitică cantitativă. Aplicații” (îndrumar de laborator), **1999**, „Ovidius University Press”, ISBN 973-9367-71-2, p.124  
 $0,4 \times 124 / 2 = 24,8 - 1999$        $2006 - 11,93$        $2007 - 10,74$        $2008 - 9,67$   
 $2009 - 8,71$       **41,05p**

Concepere redactare curs pe directii noi

- 2008 - Standardizarea si acreditarea laboratoarelor - **15p**
- 2008 - Chimie analitica avansata – **15p**

Indrumarea cercetarii stiintifice studentesti

2010- $2 \times 1 = 2p$

2009-2p

2008-3p

2007-3p

2006-3p

Lucrari licenta 2010–  **$3 \times 2 = 6p$**

Lucrari disertatie 2010–  **$6 \times 4 = 24p$**

Lucrari licenta 2009 –  **$3 \times 2 = 6p$**

Lucrari disertatie 2009 –  **$1 \times 4 = 4p$**

Lucrari licenta 2008 –  **$4 \times 2 = 8p$**

Lucrari disertatie 2008 –  **$1 \times 4 = 4p$**

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Lucrari disertatie 2006 –  **$2 \times 4 = 8p$**

- *membru în Comisia de disertație*, Catedra de Chimie (2010 sesiunea iunie) – **1p**
- *membru în Comisia de licență*, Catedra de Chimie (2008, 2009) -**2p**
- *secretar al Comisiei de licență*, Catedra de Chimie (2006) – **1p**
- *secretar al Comisiei de disertație*, Catedra de Chimie (2006, sesiunile februarie și iunie; 2008 sesiunea martie, 2009 sesiunile martie și iunie, 2010 sesiunea martie) -**6p**

**Organizare de manifestări științifice:****4p**

- Workshop Challenges in food chemistry, membru in comitetul stiintific, in comitetul de organizare și al secretariatului (ediția 2010), Constanța
- *Chimia 2006; Chimia 2009 - New trends in applied chemistry*: membru in comitetul de organizare (editiile 2006, 2009), Constanța;
- *New trends in Petroleum Refining, NTPR*: membru in comitetul de organizare și membru al secretariatului conferinței, (ediția 2007), Constanța.

## Intocmirea dosarelor de evaluare academica

- *membru în echipa pentru elaborarea raportului de autoevaluare* pentru înființarea masteratului “Chimia și managementul calității produselor de consum și a mediului”, pe perioada de 2 ani, (2007)  $20/3=6,66$
- *membru în echipa pentru elaborarea raportului de autoevaluare* pentru menținerea acreditării specializării Chimie, pe perioada de 3 ani, (2009)  $20/3=6,66$

## Intocmirea dosarelor de infiintare de noi specializari

- *membru în echipa pentru elaborarea dosarului pentru autorizarea specializarii* Chimie alimentară și tehnologii biochimice pe perioada de 4 ani, (2009)  $50/4=12,5$

Intocmirea planurilor de invatamant 2008- 2010,  $3 \times 5/3=5p$ Secretar catedra 2006-2010,  $5 \times 5=25p$ Sef laborator  $5 \times 5=25p$ Responsabil cu protectia muncii 2008-2009 – **30p**Responsabil cu calitatea procesului didactic 2008-2009 – **30p**Coordonator program de studii CATB – 2010 -**5p**Indrumator an 2008-2010 – **3x5p=15**Intocmire materiale publicitare – porti deschise 2006-2008 – **3p****Alte activitati****0p**

- membru in comisia de evaluare la proba practica aferenta concursului Omul, mediul, poluarea, organizat in colaborare cu ISJ Constanta (iunie 2008-2010)

**Participări la workshop-uri internationale - 3**

1. *Workshop Challenges in food chemistry, Constanta, 28-29 mai, 2010*
2. *Development oportunities for the IntermediuNet network in Romania, in the framework of the FP6 project: Training and mentoring of science shop – TRAMS, 28-30 martie, Moeciu-Bran, Romania, 2008*

3. *Educatia prin proiecte si cercetarea participativa in centrele Intermediu din Romania*, in cadrul proiectului MATRA II finantat de Ministerul Afacerilor Externe al Olandei, 22-23 aprilie, Iasi, Romania, 2005

**Participări la workshop-uri nationale -1**

1. al VII-lea Workshop Bioanaliza versus Biotehnologia, Bucuresti, 15 decembrie, 2010 organizat sub cupola Eurachemului (Forumul Anual - Asigurarea calitatii masuratorilor chimice)
  - „Validarea metodei si estimarea incertitudinii de masurare a fosforului total din namolurile rezultate la epurarea apelor uzate”, C. Draghici, C. Jelescu, C. Dima, M. Sica, E. Chirila, **S. Dobrinas**, A. Soceanu

**TOTAL 1739,83 puncte**

Intocmit,  
Conf.dr. Simona Dobrinaș  
21 ianuarie 2011