



**Anexa 2**

**Formular depunere candidatură**

*pentru alegerea cadrelor didactice si de cercetare in Consiliul Facultatii*

Subsemnata Dobrinas Simona, cadru didactic titular cu gradul didactic de profesor universitar, în cadrul Universității „Ovidius” din Constanța, la Facultatea de Stiinte Aplicate si Inginerie, Departamentul Chimie si Inginerie Chimica, având în vedere Legea Învățământului Superior nr. 199/2023, cu modificările și completările ulterioare, precum și Metodologia privind organizarea și desfășurarea alegerilor la nivelul consiliului facultății, îmi depun prezenta candidatură la alegerile pentru ocuparea unui loc în Consiliul facultății menționate.

Cunoscând prevederile art. 326 din Codul penal cu privire la falsul în declarații, declar că:

		<b>Semnătură</b>
Nu am fost sancționat(ă) disciplinar	<b>x</b>	
Nu am fost sancționat(ă) pentru încălcarea normelor etice	<b>x</b>	
Am fost sancționat(ă) disciplinar/pentru încălcarea normelor etice și am beneficiat de ridicarea/radierea sancțiunii.		
Am fost sancționat/ă disciplinar/ pentru încălcarea normelor etice și nu am beneficiat de ridicarea/radierea sancțiunii		
Am fost condamnat penal și a intervenit reabilitarea		
Am fost condamnat/ă penal și nu a intervenit reabilitarea		

*\*Se vor bifa cu X casele corespunzătoare situației personale a candidatului și se vor asuma prin semnătură olografă*

Anexez prezentei candidaturi Curriculum vitae.

Motivația pentru care candidez este reprezentată de interesul meu real pentru dezvoltarea acestei facultăți, atât din punct de vedere educațional cât și al cercetării, alături de toate cadrele didactice ce alcătuiesc Facultatea de Științe Aplicate și Inginerie.



MINISTERUL EDUCAȚIEI  
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FACULTATEA DE ȘTIINȚE APLICATE ȘI INGINERIE  
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Experiența managerială, capacitatea de muncă, dorința de a construi pe termen mediu și lung, loialitatea față de această facultate, ambiția și profesionalismul meu, vor contribui la îndeplinirea cu succes a atribuțiilor funcției pentru care candidez și anume cea de membru in Consiliul Facultății.

Data

11.01.2024

Semnătura

Prof. dr. Simona D. Mihailescu

## Curriculum vitae Europass



### Informații personale

**Nume / Prenume** Dobrinas Simona (nascuta Dragulescu)  
**Adresă(e)** BP Hasdeu 118, bl.H8, ap8, 900386, Constanta, Romania  
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**Naționalitate(-tăți)** romana  
**Data nașterii** 08.01.1974  
**Sex** F

### Experiența profesională

**Perioada** Oct 2016 - prezent

### Funcția sau postul ocupat

**Profesor universitar**

**Activități și responsabilități principale** Activitate didactica si de cercetare  
**Numele și adresa angajatorului** Universitatea Ovidius Constanta, B-dul Mamaia 124, 900527 RO Constanta, Romania  
**Tipul activității sau sectorul de activitate** Invatamant superior: Chimie - Chimie analitica si analiza instrumentala

### Educație și formare

**Perioada** Nov. 1999 – aprilie 2003  
**Calificarea / diploma obținută** Doctor in chimie  
**Disciplinele principale studiate / competențe profesionale dobândite** Chimie analitica, Chimia mediului, Metode de separare si analiza de urme, Determinarea unor poluanți organici din apele litoralului românesc  
**Numele și tipul instituției de învățământ / furnizorului de formare** Universitatea Bucuresti, Facultatea de Chimie  
**Nivelul în clasificarea națională sau internațională** Invatamant superior

**Perioada** Oct. 1997 – iunie 1998  
**Calificarea / diploma obținută** Specialist in chimie analitica  
**Disciplinele principale studiate / competențe profesionale dobândite** Chimie analitica  
**Numele și tipul instituției de învățământ / furnizorului de formare** Universitatea Bucuresti, Facultatea de Chimie  
**Nivelul în clasificarea națională sau internațională** Master - „Biosenzori în Monitorizarea Mediului”

Perioada Oct. 1992 – iunie 1997  
 Calificarea / diploma obținută Licențiat în chimie și fizică  
 Disciplinele principale studiate / competențe profesionale dobândite Chimie anorganică, Chimie organică, Chimie analitică, Chimie fizică, Tehnologie chimică, Fizică, Studiul comparativ al metodelor de analiză a azotului amoniacal și azotului total  
 Numele și tipul instituției de învățământ / furnizorului de formare Universitatea Ovidius Constanța, Facultatea de Științele Naturii

### Aptitudini și competențe personale

Limba(i) maternă(e) **Româna**

Limba(i) străină(e) cunoscută(e)

Autoevaluare

Nivel european (\*)

**engleza**

Înțelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
C2	Utilizator experimentat	C2	Utilizator experimentat	C2	Utilizator experimentat	C2	Utilizator experimentat	C2	Utilizator experimentat

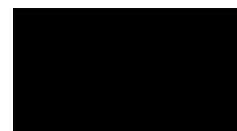
(\*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine

Competențe și abilități sociale Buna comunicare, inițiativă, determinare, profesionalism

Competențe și aptitudini organizatorice Bun organizator, Adaptabilitate, Gândire analitică, Lucru în echipă, Cooperare și autodezvoltare  
 Experiența în proiecte și granturi naționale (1 director, 11 membri)  
 Secretar/membru în comitetele de organizare ale conferințelor naționale și internaționale  
 Vicepreședinte manifestări științifice internaționale

Competențe și aptitudini tehnice Separarea analitică și analiza chimică cu aplicații în monitorizarea calității mediului și în controlul calității produselor de consum. Validarea unor metode spectrometrice și aplicarea acestora.  
 Elaborare de lucrări științifice și didactice:  
 8 cărți – monografii și materiale didactice + 1 capitol de carte în editura internațională + 1 capitol de carte în editura națională  
 173 articole științifice publicate în reviste naționale și internaționale din care 49 în publicații ISI, 23 în reviste ISI ESCI și 11 proceedinguri ISI  
 86 lucrări invitate/comunicări științifice  
 471 citări în reviste cotate ISI

Competențe și aptitudini de utilizare a calculatorului Utilizare Microsoft office (Word, Excell, Power Point), aplicații ChemDraw, Corel Draw



Alte competențe și aptitudini	<p>Referent științific la reviste de specialitate  Nationale: Research.Marine, Analele Universitatii Ovidius, seria Chimie  Internationale: American Chemical Science Journal, British Journal of Applied Science &amp; Technology , Biomolecules, Chemosphere, Chemistry Journal of Moldova, Current Chromatography, Environmental Monitoring and Assessment, Environments, Environmental Science and Pollution Research, Fermentation, Food Chemistry, Food Analytical Methods, Foods, Food Science and Nutrition Therapy, French-Ukrainian Journal of Chemistry, International Journal of Analytical Chemistry, International Journal of Environmental Analytical Chemistry International Journal of Molecular Science, Journal of Apicultural Science, Journal of Food Science, Journal of Food Science and Technology, Journal of Food Quality, Journal of Food Composition and Analysis, Journal of Cleaner Production, Journal of Molecular Science, Molecules, Polycyclic Aromatic Compounds, Pharmaceuticals, Science of the Total Environment, Separations, Water</p> <p>Referent științific al unor monografii și cursuri universitare  Membru în comitetele științifice ale Conferințelor naționale și internaționale  Expert evaluator ARACIS</p> <p>Membru în consiliul editorial al revistei Analele Universitatii Ovidius, seria Chimie</p>
Permis(e) de conducere	NU
Informații suplimentare	<p>Membru în Societatea de Chimie din România, Societatea de Chimie Analitică din România, Eurachem, România, ASIAR, Societatea de inginerie chimică din România  Membru al Centrului de Cercetări Științifice Interdisciplinare "Managementul Resurselor Secundare pentru o Dezvoltare Durabilă" din 2010 - în prezent  Biografia este publicată în Hübner Who is Who Enciclopedia Personalităților din România ediția a VII-a 2012, pag.634.  <i>Coordonatorul programului</i> Chimie alimentară și tehnologii biochimice (2009 – 2012)  <i>Director departament</i> de chimie și inginerie chimică (2012-prezent)  <i>Coordonatorul programului</i> Chimia și managementul calitatii produselor de consum în relație cu mediul (2016-prezent)  <i>Coordonatorul programului</i> Chimie Clinică (2022- prezent)  <i>Membru în Comisia de Evaluare și Asigurare a Calității Învățământului Superior</i> din cadrul Universității „Ovidius” Constanța (<i>Responsabil</i> din partea Facultății - 2008-2009; membru DACIS -2014- în prezent)  <i>Responsabil</i> Comisia de evaluare internă UOC – Matematica și Științe ale Naturii (2018-în prezent)</p>
Stagii în străinătate	<ul style="list-style-type: none"> <li>• în perioada <b>26.02. 1998 - 12.06.1998</b> <b>Lucrarea de Dizertație</b> în cadrul Masterului a fost elaborată în cadrul programului „Tempus Phare” (S-JEP 092227/97) în colaborare cu <b>Departamentul de chimie analitică al Universității din Roma, Tor Vergata, Italia;</b></li> <li>• în perioada <b>18 - 22 octombrie 2002</b> în cadrul 6<sup>th</sup> Euroconference on Environmental Analytical Chemistry, “New horizons for environmental analytical chemistry through miniaturisation and nanotechnology” Centerparcs Erperheide, Peer, Belgium; finanțator: European Commission, DG XII, Programme improving human potential contract nr. HPCF 1999-00178, Fund for scientific research (Fwo-Vlaanderen), Flemish Community Brussels, Belgium – Project no. BIL 99/53;</li> <li>• în perioada <b>5-10 septembrie 2004</b>, în cadrul European Conference on Analytical Chemistry, Salamanca, Spain; finanțator: Division of analytical chemistry of the federation of european chemical societies;</li> <li>• în perioada <b>16-27 noiembrie 2005</b>, în cadrul NATO Advanced Study Institute on Chemicals and Intentional and Accidental Global Environmental Threats în Borovetz, Bulgaria, finanțator NATO;</li> <li>• în perioada <b>9-14 septembrie 2007</b>, în cadrul EUROanalysis XIV, Antwerp, Belgium; finanțator: Division of analytical chemistry of the federation of european chemical societies, SEQA Grant-complementary;</li> <li>• în perioada <b>24-29 septembrie 2007</b> Universitatea din Bologna, în cadrul proiectului MAS-Management and Security Assesment for Sustainable Environment în Bologna, Italia; finanțator: Socrates-Erasmus Curricula Development MOD project.</li> <li>• în perioada <b>5-14 septembrie 2008</b>, program Erasmus (teaching) Universitatea din Bologna</li> <li>• în perioada <b>2-13 septembrie 2009</b>, program Erasmus (teaching) Universitatea din Bologna</li> <li>• în perioada <b>4-11 aprilie 2011</b>, program Erasmus (teaching) Universitatea din Barcelona</li> <li>• în perioada <b>2-9 septembrie 2012</b>, program Erasmus (teaching) Universitatea din Bologna</li> <li>• în perioada <b>ianuarie 2017</b>, program Erasmus (teaching) Universitatea din Bologna și participare la proiectul Learning Toxicology through Open Educational Resources</li> </ul>



**Premii obtinute:** *Award of distinction*, "Educational Programs – training and education materials for children and citizens" of NATO Advance Study Institute on Chemicals as Intentional and Accidental Global Environmental Threats, Borovetz, Bulgaria, 2005  
*Best poster award to the session A*, "Cu, Cr and Fe determination in marine algae from Romanian Black Sea Coast", 3<sup>rd</sup> Black Sea Basin Conference on Analytical Chemistry, Constanta, Romania, 2005

**Anexe** Anexa 1 Lista de lucrari, contracte de cercetare, referent stiintific



4

**LISTA LUCRĂRILOR PUBLICATE**  
**Profesor univ. dr. Simona Dobrinaș**

**Researcher ID: C-8927-2015**

**Teza de doctorat**

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

**Citări**

IS - 520

IWS -471

**Cărți publicate - 8**

1. E.Chirilă, **S.Dobrinaș**, Metode chimice de analiză cantitativă, Ovidius University Press, ISBN 978-973-614-584-1, 248 pag., 2011
2. E. Chirilă, **S. Dobrinaș**, „Metode chimice de analiza cantitativa. Aplicatii si probleme”, 2011, „Ovidius University Press”, ISBN 978-973-614-585-8, p.168
3. 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
4. **S. Dobrinaș**, „Nivelul poluanților organici din apa Mării Negre”, 2008, „Ovidius University Press”, ISBN 978-973-614-425-7, p. 106
5. **S. Dobrinaș**, C. Drăghici, E. Chirilă, „Metode analitice de separare”, 2008, „Ovidius University Press”, ISBN 978-973-614-426-4, p.157
6. **S. Dobrinaș**, “Analiza instrumentală”, 2005, „Ovidius University Press”, ISBN 973-614-296-5, p. 115
7. E. Chirilă, S. Birghilă, **S. Dobrinaș**, “Chimie analitică. Considerații teoretice și probleme”, 2005, „Ovidius University Press”, ISBN 973-614-150-0, p.229
8. E. Chirilă, **S. Dobrinaș**, „Chimie analitică cantitativă. Aplicații” (îndrumar de laborator), 1999, „Ovidius University Press”, ISBN 973-9367-71-2, p.124

**Capitole de carte publicate în editură internațională**

9. **S. Dobrinaș**, A.D. Soceanu, G. Stanciu, Risk assessment of inorganic and organic pollutants in flowering plants, chapter 2, pp. 43-70, in Flowering plants. Clasification, Characteristics and Breeding, editor J.J. Tellstone, published by NOVA Science Publishers, Inc. New York, 2011, ISBN 978-1-61324-653-5

**Capitole de carte publicate în editură națională**

10. A. Soceanu, **S. Dobrinaș**, V. Popescu, D. Balaban, Monitoring of food contaminants, chapter 3, pp. 18-29, Food Safety and Healthy Living, editors Mihaela Badea, Laura Floroian, published by Editura Universitatii Transilvania din Brasov, ISBN 978-606-19-1017-5, 2018

**Lucrări publicate în reviste cotate ISI – 50**

1. Alina Soceanu, **Simona Dobrinaș**, Viorica Popescu, Alina Buzatu and Anca Sirbu, Sustainable Strategies for the Recovery and Valorization of Brewery By-Products—A Multidisciplinary Approach, *Sustainability* 2024, 16, 220. <https://doi.org/10.3390/su16010220>— *autor corespondent*
2. Popovici, I.C., **Dobrinaș, S.**, Soceanu, A., Popescu V, Prodan, G., Omer, I. New Approaches for Pb(II) Removal from Aqueous Media Using Nanopowder Sodium Titanosilicate: Kinetics Study and Thermodynamic Behavior, *International Journal of Molecular Sciences*, 2023, 24(18), 13789
3. Alina Soceanu, Nicoleta Matei, **Simona Dobrinaș**, Semaghiul Birghila, Viorica Popescu, Gabriela Crudu, Metal Content in Caps and Stalks of Edible Mushrooms: Health Benefits and Risk Evaluation, *Biological Trace Element Research*, 2023 <https://doi.org/10.1007/s12011-023-03800-2>
4. **Simona Dobrinaș**, Alina Soceanu, Semaghiul Birghila, Corina Birghila, Nicoleta Matei, Viorica Popescu, Luminita Mihaela Constanda, Chemical Analysis and Quality Assessment of Honey Obtained from Different Sources, *Processes* 2022, 10(12), 2554; <https://doi.org/10.3390/pr10122554>  
<https://www.mdpi.com/2227-9717/10/12/2554>
5. **Simona Dobrinaș**, Alina Soceanu, Natalia Manea, Anca Sirbu, Corina I. Dumitrescu, Viorica Popescu, Semaghiul Birghila, Ionela Carazeanu Popovici and Nicoleta Matei, "Health Risk Assessment of Fluoride Exposure due to



- Groundwater Consumption in Romania", *Journal of Water and Health*, 20 (9), 1380-1392, 2022, doi: 10.2166/wh.2022.108
6. Birghila, S; Matei, N; **Dobrinas, S**; Popescu, V; Soceanu, A; Niculescu, A, Assessment of Heavy Metal Content in Soil and Lycopersicon esculentum (Tomato) and Their Health Implications, *Biological Trace Element Research*, 201(3), 1547-1556, 2023 doi: 10.1007/s12011-022-03257-9, Epub 2022
  7. A. Soceanu, **S. Dobrinas**, V. Popescu, „Levels of polycyclic aromatic hydrocarbons in toasted bread”, *Polycyclic Aromatic Compounds*, 42 (9), 6112-6123, ISSN: 1563-5333, 2022, DOI: 10.1080/10406638.2021.1974896, published online 15 sept 2021 <https://doi.org/10.1080/10406638.2021.1974896>
  8. **Simona Dobrinas**, Alina Soceanu, Viorica Popescu, Ionela Carazeanu Popovici; Daniela Jitariu, Relationship between Total Phenolic Content, Antioxidant Capacity, Fe and Cu Content from Tea Plant Samples at Different Brewing Times, *Processes* 2021, Volume 9, Issue 8, 1311 doi:10.3390/pr9081311, WOS:000689878600001
  9. Alina Soceanu, **Simona Dobrinas**, Corina Ionela Dumitrescu, Natalia Manea, Anca Sirbu, Viorica Popescu, Georgiana Vizitiu, Physico-Chemical Parameters and Health Risk Analysis of Groundwater Quality, *Applied Sciences*, 11(11) (June-1 2021), 4775, 2021, <https://doi.org/10.3390/app11114775> – *autor corespondent* WOS:000659642200001
  10. Alina Soceanu, **Simona Dobrinas**, Anca Sirbu, Natalia Manea, Viorica Popescu, Economic aspects of waste recovery in the wine industry. A multidisciplinary approach, *Science of The Total Environment*, vol 759, article number143543, 2021 <https://doi.org/10.1016/j.scitotenv.2020.143543> – *autor corespondent* WOS:000605764100094
  11. A. Soceanu, **S. Dobrinas**, I. Carazeanu Popovici, D. Jitariu, “Health risk assessment of heavy metals in seafood”, *Journal of Environmental Protection and Ecology (JEPE)*, vol. 21, No 2, 490-497, 2020
  12. G. Stanciu, N. Cristache, S. Lupsor, **S. Dobrinas**, Evaluation of antioxidant activity and total phenols content in selected spices, *REV.CHIM.(Bucharest)*, 68, No. 7, 2017 <http://www.revistadechimie.ro/pdf/4%20STANCIU%20G%20%207%2017.pdf>
  13. **S. Dobrinas**, A. Soceanu, V. Popescu, V. Coatu, Polycyclic aromatic hydrocarbons and pesticides in milk powder, *Journal of Dairy Research*, DOI:10.1017/S0022029916000169, 83, 261-265, 2016 [http://journals.cambridge.org/repo\\_A101qoinUyxBA2](http://journals.cambridge.org/repo_A101qoinUyxBA2)
  14. A. Soceanu, **S. Dobrinas**, V. Popescu, “Polycyclic aromatic hydrocarbons in Romanian baby foods and fruits”, *Polycyclic aromatic compounds*, 1-12, – *autor corespondent*, ISSN: 1040-6638 print / 1563-5333 online, DOI:10.1080/10406638.2014.988275, 2015 <http://www.tandfonline.com/doi/full/10.1080/10406638.2014.988275>
  15. **S. Dobrinas**, A. Soceanu, V. Dragan Artem, „Determination of polyphenolic compounds in murfatlar wines by validated spectrophotometric method”, *Environmental Engineering and Management Journal*, 14(4), 863-870, 2015, [http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol14/no4/18\\_124\\_Dobrinas\\_11.pdf](http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol14/no4/18_124_Dobrinas_11.pdf)
  16. A. Soceanu, **S. Dobrinas**, G. Stanciu, V. Popescu, Polycyclic Aromatic Hydrocarbons in Vegetables Grown in Urban and Rural Areas”, *Environmental Engineering and Management Journal*, 13(9), 2311-2315, 2014, – *autor corespondent* [http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no9/24\\_328\\_Soceanu\\_14.pdf](http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no9/24_328_Soceanu_14.pdf)
  17. V. Popescu, A. Soceanu, **S. Dobrinas**, G. Stanciu, A study of beer bitterness loss during the various stages of the Romanian beer production process, *Journal of the Institute of Brewing*, 119(3), 111-115, 2013 <http://onlinelibrary.wiley.com/doi/10.1002/jib.82/epdf>
  18. N. Matei, G.L. Radu, G. Truica, S. Eremia, **S. Dobrinas**, G. Stanciu, A. Popescu, Rapid HPLC method for the determination of ascorbic acid in grape samples, *Anal. Methods*, 5 (18), 4675-4679, 2013, <http://pubs.rsc.org/is/content/articlelanding/2013/ay/c3ay40838h#!divAbstract>
  19. C. Drăghici, C. Jelescu, C. Dima, M. Sica, E. Chirilă, **S. Dobrinas**, A. Soceanu, Method validation and uncertainty estimation for total phosphorus determination in wastewater sludge samples, *Studia UBB Chemia* 57(1), 93-102, ISSN 1224-7154, 2012, <http://chem.ubbcluj.ro/~studiachemia/docs/Chemia12012.pdf>
  20. A. Soceanu, **S. Dobrinas**, G. Stanciu, V. Popescu, D.T. Epure, Evaluation of pesticides residues in fresh fruits, *Revista de Chimie*, 63 (5), 455-458, 2012, – *autor corespondent* <http://www.revistadechimie.ro/pdf/SOCEANU%20A%205%2012.pdf>
  21. A. Soceanu, **S. Dobrinas**, V. Popescu, G. Stanciu, D.T. Epure, OCPS and PAHS distribution in different stages of tomato growing, *Environmental Engineering and Management Journal*, 11(2), 457-462, 2012 [http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no2/28\\_727\\_Soceanu\\_11.pdf](http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol11/no2/28_727_Soceanu_11.pdf)
  22. E.Chirila, **S. Dobrinas**, E. Paunescu, G. Stanciu, C. Draghici, Determination of aromatic volatile compounds in petrochemical wastewater, *Environmental Engineering and Management Journal*, 10 (8), 1081-1085, 2011 [http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol10/no8/20\\_345\\_Chirila\\_11.pdf](http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol10/no8/20_345_Chirila_11.pdf)



23. M. Rotaru-Stancic, D. Copean, D. Sava, S. Dobrinás, L. Miron, S. Schiopu, Use of garlic, absinthium and celandine extracts as natural repellents, *Environmental Engineering and Management Journal*, 10 (3), 445-450, 2011  
[http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol10/no3/16\\_232\\_Rotaru\\_Stancic.pdf](http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol10/no3/16_232_Rotaru_Stancic.pdf)
24. S. Birghilă, S. Dobrinás, „The influence of the storage time on the stability of butter, *Environmental Engineering and Management Journal*, 9 (11), 469-472, 2010,  
[http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no11/30\\_193\\_Birghila\\_10.pdf](http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no11/30_193_Birghila_10.pdf)
25. G. Stanciu, E.Chirila, S. Dobrinás, T. Negreanu-Pirjol, Studies regarding the determination of antioxidant properties of new plant extracts for cosmetic purposes, *Revista de Chimie*, 61 (1), 41-44, 2010  
<http://www.revistadechimie.ro/pdf/STANCIU%20G%201%2010.pdf>
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