

LISTA DE LUCRARI

Conf.univ.dr. Viorica Popescu

Teza de doctorat

“Caracterizarea fizico chimica a unor combinatii complexe avand atomi donori azot si oxigen” – Conducator stiintific: Prof.univ.dr.Dumitru Fatu

Lucrări publicate în reviste ISI

1. I. Popovici Carazeanu, S. Dobrinas, A. Soceanu*, **V. Popescu**, G. Prodan, I. Omer, (2023). New Approaches for Pb(II) Removal from Aqueous Media Using Nanopowder Sodium Titanosilicate: Kinetics Study and Thermodynamic Behavior. International Journal of Molecular Sciences, vol. 24(18), art ID 13789. <https://doi.org/10.3390/ijms241813789>
2. A. Soceanu, N. Matei, S. Dobrinas, S. Birghila, **V. Popescu**, G. Crudu. (2023). Metal Content in Caps and Stalks of Edible Mushrooms: Health Benefits and Risk Evaluation. Biological Trace Element Research, art. ID 37542593. <https://doi.org/10.1007/s12011-023-03800-2>.
3. S. Dobrinas, A. Soceanu, S. Birghila, C. Birghila, **V. Popescu**, N. Matei, L.M. Constanda, Chemical Analysis and Quality Assessment of Honey Obtained from Different Sources, Processes, 2022, 10 (12), 2554. <https://doi.org/10.3390/pr10122554>, WOS:000903467000001
4. S. Dobrinas, A. Soceanu, N. Manea, A. Sirbu, C. I. Dumitrescu, **V. Popescu**, S. Birghila, N. Matei, I. Carazeanu Popovici, Health risk assessment of fluoride exposure due to groundwater consumption in Romania, Journal of Water & Health, doi: 10.2166/wh.2022.108, 20 (9), 1380-1392, 2022, WOS:000848503100001
5. S. Birghila, N. Matei, S. Dobrinas, **V. Popescu**, A. Soceanu, A. Niculescu, Assessment of Heavy Metal Content in Soil and Lycopersicon esculentum (Tomato) and Their Health Implications, Biological Trace Element Research <https://doi.org/10.1007/s12011-022-03257-9>, 201(3):1547-1556, 2023
6. A. Soceanu, S. Dobrinas, **V. Popescu**, „Levels of polycyclic aromatic hydrocarbons in toasted bread”, Polycyclic Aromatic Compounds, ISSN: 1563-5333, 2022, 42(9), 6112-6123
7. S. Dobrinas, A. Soceanu, **V. Popescu**, I. Carazeanu Popovici, D. Jitariu, „Relationship between total phenolic content, antioxidant capacity, Fe and Cu content from tea plant samples at different brewing times”, Processes, 9(8), 1311, 2021
8. A. Soceanu, S. Dobrinas, C. I. Dumitrescu, N. Manea, A. Sirbu, **V. Popescu**, G. Vizitiu, „Physico-Chemical Parameters and Health Risk Analysis of Groundwater Quality”, Applied Science, 11(11), June-1 2021, 4775; <https://doi.org/10.3390/app11114775>, 2021, FI=2,679
9. A. Soceanu, S. Dobrinas, A. Sirbu, N. Manea, **V. Popescu**, Economic aspects of waste recovery in the wine industry. A multidisciplinary approach, Science of the Total Environment, vol. 759, Article number 143543, 2021
10. A. Soceanu, S. Dobrinas, **V. Popescu**, A. Sirbu, N. Manea, „Characterization of several Romanian wines from the Dobrudja hills region”, Journal of Science and Arts, ISSN: 1844 – 9581, 1(50), 155-162, 2020
11. A. Soceanu, S. Dobrinas, I. Carazeanu Popovici, **V. Popescu**, A. Merticariu, “Copper and chromium levels in candies and candy packages”, Journal of Science and Arts, ISSN: 1844 – 9581, 2(47), 479-484, 2019
12. S. Dobrinas, A. Soceanu, **V. Popescu**, V. Coatu “Polycyclic aromatic hydrocarbons and pesticides in milk powder”, Journal of Dairy Research, 83 (2), 261-265, DOI: <http://dx.doi.org/10.1017/S0022029916000169>, 2016
13. A. Soceanu, S. Dobrinas, **V. Popescu**, “Polycyclic aromatic hydrocarbons in Romanian baby foods and fruits”, Polycyclic aromatic compounds, ISSN: 1040-6638 print | 1563-5333 online, DOI :10.1080/10406638.2014.988275, 2015
14. A. Soceanu, S. Dobrinas, G. Stanciu, **V. Popescu**, Polycyclic Aromatic Hydrocarbons in Vegetables Grown in Urban and Rural Areas”, Environmental Engineering and Management Journal, ISSN:1582-9596, 13(9), 2311-2315, 2014
15. **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, vol. 119 (3), 111-115, DOI 10.1002/jib.82, 2013
16. A. Soceanu, S. Dobrinas, **V. Popescu**, G. Stanciu, D.T. Epure,

- “Evaluation of pesticides residues in fresh fruits”,
Revista de chimie, 63(5), ISSN 0034-7752, 455-458, **2012**
- 17. S. Birghila, V. Popescu**,
 Fluoride content in some tea leaves and tea infusions,
 Environmental Engineering and Management Journal, 12(12), ISSN:1582-9596, 2449-2453, **2013**
- 18. A. Soceanu, S. Dobrină, V. Popescu, G. Stanciu, D.T. Epure**
 „OCPs and PAHs distribution in different stages of tomato growing”
 Environmental Engineering and Management Journal, 11(2), 333-338, **2012**
- 19. V. Popescu, S. Birghila, S. Dobrină**
 „Determination of heavy metals in extracts and macerates from garden flowers”
 Environmental Engineering and Management Journal 7(4), 365-368, **2008**
- 20. N. Matei, S. Birghilă, V. Popescu, C. Oprea, S. Dorinaș, A. Soceanu, V. Magearu**
 “Kinetic study of vitamin C degradation from pharmaceutical products”
 Romanian Journal of Physics, 53(1-2), 321-330, **2008**
- 21. C. Oprea, V. Popescu, S. Birghilă**
 “New studies about the modified mordenites”
 Romanian Journal of Physics, 53(1-2), 221-228, **2008**
- 22. I. Carazeanu Popovici, E. Chirila, V. Popescu, V. Ciupina, G. Prodan**
 „Sol-gel preparation and characterization of perovskite lanthanum lithium titanate”
 Journal of Material Science, 42(10), 3373-3377, **2007**
- 23. I. Carazeanu Popovici, E. Chirila, V. Popescu, V. Ciupina, G. Prodan**
 „Characterisation of the solid solution $\text{La}(\text{Co}_{1-x}\text{Fe}_x)\text{O}_3$ ($x=0.6$) prepared via sol-gel method”
 Rev. de Chimie, 58(8), 716-719, **2007**
- 24. A. Soceanu, S. Dobrină, 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, 593-596, **2007**
- 25. N. Matei, S. Birghilă, V. Popescu, S. Dobrină, A. Soceanu, V. Magearu**,
 „Kinetic Study of the Ascorbic Acid Degradation in Acid Media”
 Revista de Chimie, ISSN 0034-7752, 56 (4), 435-437, **2005**
- 26. A. Soceanu, V. Popescu, V. Magearu, S. Birghilă**
 „Determination of some essential and potential toxic trace elements from citrus fruits”
 Revista de Chimie, ISSN 0034-7752, 56 (2), 115-117, **2005**
- 27. S. Birghilă, S. Dobrină, N. Matei, V. Magearu, V. Popescu, A. Soceanu**
 „Distribution of Cd, Zn and ascorbic acid in different stages of tomato (*Lycopersicon esculentum solanaceae*) plant growing”
 Revista de Chimie, ISSN 0034-7752, 55 (9), 683-685, **2004**
- 28. V. Popescu, C. Oprea, S. Birghilă**
 Multicomponent diffusion and reaction in three-dimensional networks”
 Journal of Optoelectronics and Advanced Materials, 5, 1439-1443, **2003**
- 29. D. Fătu, V. Popescu**,
 „The thermal behaviour of some Co(II) complex combinations with Schiff bases”
 J. Therm. Anal. Cal., 71, 521-529, **2003**
- 30. S. Birghilă, V. Popescu, S. Dobrină, N. Matei**
 „Determinarea spectrometrică a vitaminei C din produse farmaceutice după stabilizare în tiouree”
 Revista de Chimie, București, 54 (3), 289-290, **2003**
- 31. Claudia-Irina Koncsag, V. Popescu, S. Birghilă**
 „Caracterizarea granulometrică a unui nou zeolit de tip Y”
 Revista de Chimie, 52(10), **2001**
- 32. S. Birghilă, V. Popescu și C. Dogaru**
 „Determinarea conținutului de metale din păcura de la instalațiile D.A. și D.V.”
 Revista de Chimie, București, 51(12), 990-991, **2000**
- 33. V. Popescu, S. Birghilă**
 „Caracterizare fizico-chimică a unor zeoliți de tip AX și Y”,
 Revista de Chimie, București, 51 (7), 543-545, **2000**
- 34. I. Gănescu, I. Papa, A. Gănescu, L. Chirigiu, V. Popescu**
 „Noi chelați dioximatocobaltici cu 1,2-ciclohexandiondioximă și fenetilamină. Determinarea Bi(III)”
 Revista de Chimie, București, 51(10), 728-732, **2000**
- 35. I. Gănescu, I. Papa, Anca Gănescu, Victoria Aldea, L. Chirigiu, V. Popescu**

„Determinarea derivaților piperazinilalchilfenotiazinici cu ajutorul complexilor tetratiocianatocrom (III)”,
Farmacia, 4, 71-76, **2000**

Lucrări publicate în reviste internaționale -6

1. A. Soceanu, S. Dobrinas, **V. Popescu**, S. Birghila, V. Coatu, V. Magearu
„Determination of some organochlorine pesticides and heavy metals from Capsicum Annuum L.”,
Environmental Engineering and Management Journal, 5, ISSN 1582-9596, 597-604, **2006**
2. S. Dobrinaș, N. Matei, S. Birghilă, **V. Popescu**, A. Soceanu
„Determination of heavy metals and C vitamin in Allium plants (garlic and onion)”,
Environmental Engineering and Management Journal, 4 (4), ISSN: 1582-9596, 689-694, **2004**
3. S. Dobrinaș, A. Soceanu, S. Birghilă, **V. Popescu**, N. Matei
“Content of organic pollutants (PAHs and POPs) in surface waters from the Danube Delta and Plitvice lakes”
Environmental Engineering and Management Journal, 4 (3), ISSN: 1582-9596, 355-362, **2004**
4. I. Gănescu, G. Brătulescu, I. Papa, A. Gănescu, **V. Popescu**
„Solvation of the $[\text{Cr}(\text{NCS})_4(\text{imidazole})_2]^-$ ion in the ethanol – water mixtures”,
Bulletin of the Chemists and Technologists of Macedonia, 22(2), 91-96, **2003**
5. S. Birghilă, **V. Popescu**
„Speciation of chromium in sediments, plants and water from Tăbăcărie lake”,
Environmental Engineering and Management Journal, 1, 355- 359, **2002**
6. I. Gănescu, M. Pleniceanu, O. Rusu, M. Mureșanu, **V. Popescu**
„Spectrophotometric study of binary system Bi(III)-solochrom violet RS and determination of Bi(III)”,
Indian Journal of Chemistry, 28a, 111-112, **1999**

Lucrări publicate în revistele Academiei Române-2

1. **V. Popescu**, C. Oprea, S. Birghilă
„Chemical modified zeolites”, Journal of Physics, Romanian Academy, vol. 51, 269-272, **2006**
2. S. Birghilă, **V. Popescu**, I. Chiran
„Chromium speciation from natural samples”, Proc. Rom. Acad., Series B, 1, 3-6, **2002**

Lucrări publicate în volumele unor conferințe internaționale-29

1. S. Dobrinas, A. Soceanu, **V. Popescu**, G. Stanciu, S. Suliman
„Quality control of some traditional meat products”
Scientific Study&Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol.14(1), ISSN 1582-540X, p. 029-040, **2013**
2. S. Dobrinas, A. Soceanu, **V. Popescu**, G. Stanciu, S. Smalberger
„Optimization of a UV-VIS spectrometric method for caffeine analysis in tea, coffee and other beverages”,
Scientific Study&Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol.14(2), ISSN 1582-540X, p. 071-078, **2013**
3. A. Soceanu, S. Dobrinas, V. Coatu, **V. Popescu**, G. Stanciu, D.T. Epure
“Les valeurs des concentrations de pesticides dans les legumes de la famille des Fabaceae”
Scientific Study&Research - Chemistry and Chemical Engineering, Biotechnology, Food Industry, vol.12(3), ISSN 1582-540X, p. 229-234, **2011**
4. **V. Popescu**, A. Soceanu, S. Dobrinas, G. Stanciu, D.T. Epure
“Control de calitate et evaluation des proprietes antiseptiques pour certains savons obtenus en Roumanie”
Scientific Study&Research - Chemistry and Chemical Engineering, Biotechnology, Food Industry, vol. 12(3), ISSN 1582-540X, p.257-261, **2011**
5. S. Dobrinas, A. Soceanu, G. Stanciu, **V. Popescu**, D.T. Epure, C. Bicoiu
“Analytical characterisation of precipitations”
Scientific Study&Research - Chemistry and Chemical Engineering, Biotechnology, Food Industry, ISSN 1582-540X, vol. 12(1), p.41-48, **2011**
6. **V. Popescu**, A. Soceanu, S. Birghila, S. Dobrinas
„Determination of heavy metal content in grapes and melons extracts”

Scientific Study&Research, vol.IX(3), ISSN 1582-540X, p. 331-336, **2008**

7. V.Popescu, A.Soceanu, S.Birghila, S.Dobrinas

„Synthesis and characterization of some metal-loaded ZSM-5 zeolite catalysts”,

International Conference on Materials Science and Engineering, Braşov – România, p.237-240, **2007**

8.V.Popescu,I.Carazeanu Popovici,E.Chirila

„Modified ZSM-5 zeolites”

International Conference on Materials Science and Engineering, Braşov – România, p.241-244,**2007**

9. I.Carazeanu Popovici, M.Girtu, E.Chirila, **V.Popescu**, V.Ciupina, G.Prodan

„Sol-gel synthesis and characterisation of lithium metatitanate, Li_2TiO_3 ,

International Conference on Materials Science and Engineering, Braşov – România, p.187-192, **2007**

10. S.Birghila, S.Dobrinas, **V.Popescu**

„Determination of chloride in magma rocks”

International Conference on Materials Science and Engineering, Braşov – România, p.167-169, **2007**

11. V. Popescu, S. Birghilă, S. Dobrinaş

“New methods for regenerating a sulph unpurificated catalyst”

International Conference on Materials Science and Engineering, Braşov – România, ISBN 973-635-454-7, **2005**

12. S. Birghilă, **V. Popescu**, S. Dobrinaş

„Determination of Flouride in Necklaces of Fluorite”

International Conference on Materials Science and Engineering, Braşov – România, ISBN 973-635-454-7, **2005**

13. N. Matei, S. Birghilă, **V. Popescu**, S. Dobrinaş, A. Soceanu, V. Magearu,

„Study of Vitamin C Degradation”

Ricce XIV, ISBN 973-718-284-7, p.56-65, **2005**

14. V. Popescu, S. Birghilă, A. Soceanu, S. Dobrinaş, N. Matei,

„The incorporation of Cu and Cr into ZSM-5 Zeolite”

Ricce XIV, ISBN 973-718-284-7, p.132-137, **2005**

15. S. Birghilă, S. Dobrinaş, **V. Popescu**, N. Matei, A. Soceanu

„Determination of fluoride in teeth with a fluoride ion-selective electrode”

4th Aegean Analytical Chemistry Days Proceedings, Kusadasi, Turcia, ISBN: 975-8254-22-7, p.284-286, **2004**

16. N. Matei, S. Birghilă, **V. Popescu**, S. Dobrinaş, A. Soceanu, V. Magearu

„Determination of new kinetic data about the behaviour of ascorbic acid from drugs”

4th Aegean Analytical Chemistry Days Proceedings, Kusadasi, Turcia, ISBN: 975-8254-22-7, p.287-289, **2004**

17. A. Soceanu, **V. Popescu**, S. Birghilă, S. Dobrinaş, N. Matei

„Caracterisation physico-chimique des quelques melanges contenant des huiles volatiles”

Deuxieme Colloque Franco-Roumain de Chimie Apliquee, Bacau, România, ISBN: 9975-63-183-5, p.326-329, **2004**

18. V. Popescu, S. Birghilă

„New studies about the synthesis and characterization of some ZSM-5 zeolites”

International Conference on materials science and engineering”-Bramat 2003; 102-107, **2003**

19. V. Popescu, A. Soceanu, S. Birghilă, S. Dobrinaş, D. Fătu,

„New studies about Co(II), Cu(II) and Ni(II) complex with Schiff bases”

13th Romanian International Conference on Chemistry and Chemical Engineering Section 3- Physical Chemistry, 98-103, **2003**

20. S. Birghilă, **V. Popescu**, S. Dobrinaş, P. Capota, N. Matei, A. Soceanu

„Determination of Al, Mg, P, Sb, Si, Sn and Ti in Honey and Propolis by ICP-AES Technique”

13th Romanian International Conference on Chemistry and Chemical Engineering, Section 4 – Quality Control and Analytical Chemistry, 113-117, **2003**

21. D. Fătu, **V. Popescu**, A Soceanu

“The determination of the magnetic properties for the complex of Co(II), Ni(II), Cu(II) with Schiff bases”

The 28th Annual Congress of the American Roumanian Academy of Arts and Sciences (ARA), 3-8 iunie 2003, University of Targu Jiu, Romania, Politehnic International Press, p.983-986, **2003**

22. S. Dobrinaş, **V. Popescu**, S. Birghilă

„Analyse des huiled volatiles obtenues a partir de plantes decoratives”

Colloque franco-roumain de chimie appliquee,COFrRoCA,151-152, **2002**

23. V. Popescu, S. Birghilă

„Aplication of differential methods for the determination of the kinetic parametes”

Annual scientific session with international participation Varna, 1188-1191, **2001**

24. V. Popescu, S. Birghilă

„Studiul influentei aditivului asupra motorinelor Diesel”

International Conference on materials science and engineering-BRAMAT 2001, Proceedings, 157-159, **2001**

25. V. Popescu, S. Birghilă

„New studies about Cu-chlorophyll and Zn-chlorophyll”

12th International Conference on Chemistry and chemical Engineering RICCCCE 12, 411-414, **2001**

26. D. Fătu, V. Popescu

„New studies about the thermal behavior of some Schiff Bases”

12th International Conference on Chemistry and Chemical Engineering RICCCCE 12, 125-130, **2001**

27. D. Fătu, V. Popescu, R. Sîrbu

„The thermal behaviour of some Co(II) complex combinations with Schiff bases”

2nd International and 4th Japan – China, Joint Symposium on Calorimetry and Thermal Analysis Proceedings CATS'99, Japonia, 76-77, **1999**

28. I. Carazeanu, V. Popescu

„Investigation of the hydration process in 3CaO.Al₂O₃- CaSO₄.2H₂O – H₂O- plasticizer systems by thermal analysis”

2nd International and 4th Japan – China, Joint Symposium on Calorimetry and Thermal Analysis Proceedings CATS'99, Japonia, 214-215, **1999**

29. R. Sîrbu, V. Popescu

„Thermodynamic studies of mixed aqueous solutions of binary electrolytes of Na₂SO₄ and K₂SO₄”

2nd International and 4th Japan – China, Joint Symposium on Calorimetry and Thermal Analysis Proceedings CATS'99, Japonia, 78 – 79, **1999**

Lucrări publicate în reviste naționale- 40 lucrări

1. A. Soceanu, **V. Popescu**, S. Dobrinas, Physico-chemical characterisation of some samples of fresh milk and milk powder, Ovidius University Annals of Chemistry, 26(2), 57-60, **2015**
2. **V. Popescu**, A. Soceanu, S. Dobrinas, The quality control of some dermo-cosmetic products, Ovidius University Annals of Chemistry, 25(2), 89-94, **2014**
3. S. Dobrinas, A. Soceanu, G. Stanciu, **V. Popescu**, Quantification of sugar in different brands of drinks, Ovidius University Annals of Chemistry, 24(2), 138-140, **2013**
4. S. Dobrinas, A. Soceanu, G. Stanciu, **V. Popescu**, L.G. Arnold, Trace element levels of three mushroom species, Ovidius University Annals of Chemistry, 24(1), 39-42, **2013**
5. S. Dobrinas, A. Soceanu, **V. Popescu**, G. Stanciu, Nitrite determination in spices, Ovidius University Annals of Chemistry, 24(1), 21-23, **2013**
6. A. Soceanu, S. Dobrinas, **V. Popescu**, F. Moise, Quality control of distilled beverages, Ovidius University Annals of Chemistry, 23(2), 163-166, **2012**
7. **V. Popescu**, A. Soceanu, S. Dobrinas, G. Stanciu, Characterization and stability study of some pharmaceutical ointments, Ovidius University Annals of Chemistry, 23(1), 87-91, **2012**
8. **V. Popescu**, A. Soceanu, „The influence of temperature on food emulsions stability”, University Annals of Chemistry, Constanța, ISSN: 1223-7221, vol. 22(2), p.94-97, **2011**
9. A. Soceanu, S. Dobrinas, **V. Popescu**, G. Stanciu, Polycyclic aromatic hydrocarbons in fruit juices, University Annals of Chemistry, Constanța, ISSN: 1223-7221, vol. 22(2), p.113-116, **2011**
10. **V. Popescu**, A. Soceanu, „Stability studies of some food emulsions”, University Annals of Chemistry, Constanța, ISSN: 1223-7221, vol. 21(2), p.167-171, **2010**
11. A. Soceanu, S. Dobrinas, S. Birghilă, **V. Popescu**, V. Magearu, „Levels of phosphorus in citrus fruits” Ovidius University Annals of Chemistry, Constanța, ISSN: 1223-7221, vol. 20 (1), p.87- 90, **2009**
12. 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, Constanța, ISSN: 1223-7221, vol. 19(1-2), p.27-29, **2008**
13. **V. Popescu**, A. Soceanu, „The study of the thermal behavior of Cu(Sb)₂ and Ni(Sb)₂ complex compounds”, Ovidius University Annals of Chemistry, Constanța, ISSN: 1223-7221, vol. 19(1-2), p.15-18, **2008**
14. 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, Constanța, ISSN: 1223-7221, vol. 18(2), p.120-123, **2007**
15. A. Soceanu, S. Dobrinas, **V. Popescu**, S. Birghila, V. Magearu, „Levels of Mg and Cd concentration in citrus fruits”, Ovidius University Annals of Chemistry, Constanța, ISSN: 1223-7221, vol. 18(1), p.13-16, **2007**
16. A. Soceanu, S. Dobrinas, **V. Popescu**, S. Birghila, M. Belc, V. Magearu, „Research on trace elements in plants of the Apiaceae Family by FAAS”, Ovidius University Annals of Chemistry, Constanța, ISSN: 1223-7221, vol. 17, p.91-94, **2006**
17. **V. Popescu**, A. Soceanu, L. Teliban, „Characterization of some cosmetic day creams”, Ovidius University Annals of Chemistry, Constanța, ISSN: 1223-7221, vol. 17, p.79-82, **2006**

18. A. Soceanu, V. Magearu, **V. Popescu**, N. Matei, "Accumulation of Manganese and Iron in Citrus Fruits", *Analele Universității București*, anul XIV, vol. I și II, 173-177, **2005**
19. E. Chirilă, S. Birghilă, S. Dobrinaș, D. Sava, I. Carazeanu, **V. Popescu**, „Cr, Cu and Fe determination in marine algae from Romanian Black seacoast by molecular absorption spectrometry”, *Ovidius University Annals of Chemistry*, vol. XVI, ISSN 1223-7221, 119-121, **2005**
20. N. Matei, S. Birghilă, V. Magearu, **V. Popescu**, S. Dobrinaș, A. Soceanu, „Determination of vitamin C from different fruits”, *Analele Universitatii Ovidius*, XIV, 68-70, **2003**
21. **V. Popescu**, S. Birghilă, S. Dobrinaș, A. Soceanu, N. Matei, „Preventing of corrosion using alkyl benzoic acids salts”, *Analele Universitatii Ovidius*, XIV, 75-77, **2003**
22. **V. Popescu**, S. Birghilă, R. Sârbu, S. Dobrinaș, A. Soceanu, „The kinetic study of the thermal stability for the antithermal and antibiotic drugs”, *Analele Universitatii Ovidius*, seria: Stiinte medicale- Farmacie, I(2), **2003**
23. I. Gănescu, G. Brătulescu, I. Papa, D. Preda, Ana Gănescu, **V. Popescu**, „Determination gravimetric et spectrometrique du rhodium avec des reactifs analytiques complexes du cation Co(III) et du cation Cr(III)”, *Analele Stiintifice ale Universitatii Al. I. Cuza Iasi, Seria Chimie*, 10(1), **2002**
24. **V. Popescu**, S. Birghilă, „New studies about the thermal stability of some complex combinations”, *Ovidius University Annals of Chemistry*, 13(1),69-72, **2002**
25. C. Oprea, **V. Popescu**, S. Birghilă, „The influence of filming amines for combating corrosion”, *Ovidius University Annals of Physics*, 2(1), 57-61, **2001**
26. I. Gănescu, **V. Popescu**, M.Mureșeanu, A. Gănescu, D. Cirtina, New mixed Cobalt(III) chelates with ethylenedimine-bis-acetylacetone, *Analele Universității Ovidius*, X, 25-31, **1999**
27. **V. Popescu**, D. Fătu, „Utilizarea analizei rontgenografice în detectarea defectelor de rețea”, *Internationale Conference on Material Science Bramat '99*, IV, 424-428, **1999**
28. **V. Popescu**, „Analysis of some Co(II) complex combinations by rontgenographic studies”, *Analele Universității Ovidius*, IX, 18-23, **1998**
29. I. Gănescu, **V. Popescu**, M. Mureșeanu, Al. Popescu, I. Papa, A. Gănescu, „Some aspects on the formation and the structure of the Co(III) chelates with α -dioximes”, *Analele Universității din Craiova, seria Chimie*, XXVII, 5-12, **1998**
30. I. Gănescu, Al. Popescu, M. Mureșeanu, I. Pătroiescu, I. Papa, **V. Popescu**, „New mixed tetradentate cobalt (III) complexes with ethylenediimino-bis-acetylacetone”, *Analele Științifice ale Universității Al.I. Cuza Iași*, 2-8, **1998**
31. D.Fătu, **V. Popescu**, „Basic Programme for processing the DTA Data”, *Analele Universității București, Chimie*, VI(serie nouă), 47-54, **1997**
32. **V. Popescu**, D. Fătu, „The thermal behaviour of some nitrogen and oxygen ligands”, *Analele Universității Ovidius*, VIII, 49-55, **1997**
33. **V. Popescu**, „Kinetic parameters determination by differential methods”, *Analele Universității Ovidius*, VII, 83-86, **1996**
34. **V. Popescu**, E. Cucui, „Complex combinations of Co(II), Cu(II), Ni(II), Zn(II) with Schiff bases”, *Analele Universității Ovidius Constanța*,VI, 5-9, **1995**
35. **V. Popescu**, S. Sîrbu, „Copper-chlorophyll-obtaining and revaluation”, *Analele Universității Ovidius Constanța*, VI, 47-49, **1995**
36. **V. Popescu**, „Chimia VS. PC”, *PC World*, II, 20, **1994**
37. D. Mandalopol, **V. Popescu**, „Kinetic modeling of the thermal cracking of rafinates calculation of activation energies”, *Analele Universității Ovidius*, 4, 57-61, **1993**
38. **V. Popescu**, „Germanium complexis of Schiff Bases”, *Analele Universității Ovidius Constanța*, III, **1992**
39. D. Mandalopol, D. Apostol, C. Ionescu, **V. Popescu**, „Severity in the pyrolysis of naphtas fundamentals and industrial application”, *Analele Universității Ovidius*, 3, 50-56, **1992**
40. D. Fătu, **V. Popescu**, „Aplicații ale spectroscopiei IR la studiul proprietăților unor combinații complexe”, *Analele Universității Ovidius Constanța*, II, **1991**

Lucrari comunicate cu rezumate publicate în volum

a) În străinătate

1. **A. Soceanu**, S. Dobrinaș, V. Popescu, D. Balaban, "Monitoring of food contaminants", p.22-23, *Food Safety and Healthy Living-Book of abstracts, International Summer School, Brasov, Romania, 26-30 August*, **2018**
2. N. Matei, S. Dobrinaș, **A. Soceanu**, V. Popescu, A. Cojocar, "Nitrites in processed venison meat", p.91, *Chimia 2018, "New trends in applied chemistry"*, 24-26 May, **2018**

3. **A. Soceanu**, V. Popescu, S. Dobrinas, "Kinetic study of some commercial pharmaceutical formulations of acetylsalicylic acid", p.67, *Chimia* 2018, "New trends in applied chemistry", 24-26 May, **2018**
4. **A. Soceanu**, V. Popescu, S. Dobrinas, F. Meila, "Influence of factors on nickel electroplating", p.66, *Chimia* 2018, "New trends in applied chemistry", 24-26 May, **2018**
5. V. Popescu, **A. Soceanu**, S. Dobrinas, F. Constantin, "Kinetics of catalase inactivation", *Chimia* 2016, "New trends in applied chemistry", 26-28 May, **2016**
6. S. Dobrinas, S. Birghila, V. Popescu, **A. Soceanu**, G. Martin "The correlation between antioxidants and mineral extractability of tea plant infusions", *Chimia* 2016, "New trends in applied chemistry", 26-28 May, **2016**
7. **A. Soceanu**, V. Popescu, S. Dobrinas, I. Raileanu, "Influence of food emulsifiers on emulsions stability", *Chimia* 2016, "New trends in applied chemistry", 26-28 May, **2016**
8. S. Dobrinas, **V. Popescu**, A. Soceanu, L. Zaharia, "Monitoring of fluoride in well water from Dobrogea county", 8th International Conference on Environmental Engineering and Management, p.223-224, ICEEM 08, Iași, 9 – 12 September, **2015**
9. A. Soceanu, **V. Popescu**, S. Dobrinas, "Physico-chemical characterization of fresh milk and milk powder", International Workshop "Food Chemistry & Engineering", Constanta, 15 May, **2015**
10. A. Soceanu, S. Dobrinas, **V. Popescu**, I. Popovici, A. Merticariu, "Copper and chromium levels in candies and candy packages", International Workshop "Food Chemistry & Engineering", Constanta, 15 May, **2015**
11. S. Dobrinas, A. Soceanu, **V. Popescu**, N. Bucur, "Quality control of chocolate", International Workshop "Food Chemistry & Engineering", Constanta, 15 May, **2015**
12. S. Dobrinas, A. Soceanu, **V. Popescu**, C. Mihai, "Quality control of some fish products", International Workshop "Food Chemistry & Engineering", Constanta, 15 May, **2015**
13. A. Soceanu, **V. Popescu**, S. Dobrinas, S. Pascu, "Effect of additives on the antiknock properties of gasoline", International Conference „Chimia 2014-New trends in applied chemistry”, Constanta, 23-24 May, **2014**
14. A. Soceanu, **V. Popescu**, S. Dobrinas, I.M.Oancea-Stanescu, "Influence of factors on aluminum anodizing", International Conference „Chimia 2014-New trends in applied chemistry”, Constanta, 23-24 May, **2014**
15. **V. Popescu**, A. Soceanu, S. Dobrinas, "Hydrocolloids used in food emulsions", International Conference „Chimia 2014-New trends in applied chemistry”, Constanta, 23-24 May, **2014**
16. A. Soceanu, S. Dobrinas, G. Stanciu, **V. Popescu**, "Polycyclic aromatic hydrocarbons in vegetables grown in urban and rural areas", 7th International Conference on Environmental Engineering and Management, "Integration challenges for sustainability", ICEEM 07, Vienna, Austria, 18 – 21 September 2013, ISBN: 978-973-621-418-9, p.35-36, **2013**
17. A. Soceanu, S. Dobrinas, G. Stanciu, **V. Popescu**, R. Teaca " Determination of total sulfur content in fuels", International workshop "Oil, gas and petrochemical industry", Constanta, 24-25 May, **2013**
18. S. Dobrinas, A. Soceanu, G. Stanciu, **V. Popescu**, L.G. Arnold, " Trace element levels of three mushroom species", International workshop "Challenges in food chemistry", Constanta, 31 May-1 June, **2013**
19. S. Dobrinas, A. Soceanu, **V. Popescu**, G. Stanciu, " Nitrite determination in spices", International workshop "Challenges in food chemistry", Constanta, 31 May-1 June, **2013**
20. S. Dobrinas, A. Soceanu, **V. Popescu**, G. Stanciu, " Contrôle de la qualité de quelques produits traditionnels de viande", Septième colloque franco-roumain de chimie appliqué- COFrRoCA 2012", p. 93, Bacau, Romania, 27-29 Juin, **2012**
21. S. Dobrinas, A. Soceanu, **V. Popescu**, G. Stanciu, " Optimisation d'une méthode de spectrométrie UV-VIS pour l'analyse de la caféine dans quelques boissons", Septième colloque franco-roumain de chimie appliqué- COFrRoCA 2012", p. 94, Bacau, Romania, 27-29 Juin, **2012**
22. **V. Popescu**, A. Soceanu, S. Dobrinas, G. Stanciu, "Characterization and stability study of some pharmaceutical ointments", International Conference „Chimia 2012-New trends in applied chemistry”, Constanta, 24-26 May, **2012**
23. A. Soceanu, S. Dobrinas, **V. Popescu**, G. Stanciu, D.T. Epure, "OCPS and PAHS distribution in different stages of tomato growing", 6th International Conference on Environmental Engineering and Management, ICEEM 06, Balatonalmádi, Ungaria, 1 – 4 September **2011**
24. A. Soceanu, S. Dobrinas, V. Coatu, **V. Popescu**, G. Stanciu, D.T. Epure, "Les valeurs des concentrations de pesticides dans les legumes de la famille des Fabaceae", Sixieme colloque franco-roumain de chimie appliqué- COFrRoCA 2010", p. 87, Orleans, France, 7-10 Juillet, **2010**
25. **V. Popescu**, A. Soceanu, S. Dobrinas, G. Stanciu, D.T. Epure, "Controle de qualite et evaluation des proprietes antiseptiques pour certains savons obtenus en Roumanie", Sixieme colloque franco-roumain de chimie appliqué- COFrRoCA 2010", p. 87, Orleans, France, 7-10 Juillet, **2010**
26. S. Dobrinas, A. Soceanu, G. Stanciu, **V. Popescu**, D.T. Epure, C. Bicoiu, "Caracterisation analytique des precipitations", Sixieme colloque franco-roumain de chimie appliqué- COFrRoCA 2010", p. 87, Orleans, France, 7-10 Juillet, **2010**
27. A. Soceanu, S. Dobrinas, V. Coatu, **V. Popescu**, „Organochlorurate pesticides contamination of Solanum Lycopersicum", International workshop "Challenges in food chemistry", p.58-59, Constanta, 28-29 May, **2010**
28. **V. Popescu**, A. Soceanu, „Comparative study of some food emulsions", International workshop "Challenges in food chemistry", p.57, Constanta, 28-29 May, **2010**

29. A. Soceanu, S. Dobrinas, S. Birghila, **V. Popescu**, V. Magearu, „Levels of phosphorus in citrus fruits”, International conference „Chimia 2009-New trends in applied chemistry”, p.177, Constanta, 13-16 May, **2009**
30. **V. Popescu**, A. Soceanu, S. Birghila, S. Dobrinas, „Determination du contenu des metaux lourds dans l'extrait de raisin et de melon”, Cinquime Colloque Franco-Roumain de Chimie Apliquee-CoFrRoCA, ISBN: 978-973-1833-77-4, Bacau, Romania, p. 188, 25-29 June, **2008**
31. **V. Popescu**, I. Popovici, A. Soceanu, „Kinetic modelling of the propane aromatization using H-ZSM 5 catalyst”, International conference „New trends in petroleum refining”, Constanta, p. 50-51, **2007**
32. A. Soceanu, S. Dobrinas, **V. Popescu**, S. Birghila, V. Magearu, „Levels of Mg and Cd concentration in citrus fruits”, International conference „New trends in petroleum refining”, Constanta, p. 65, **2007**
33. A. Soceanu, S. Dobrinas, V. Coatu, **V. Popescu**, V. Magearu, „Residue of polycyclic aromatic hydrocarbons (PAHs) in different stages of Capsicum Annuum and Solanum Lycopersicum growing”, Euroanalysis XIV, Antwerp, Belgium, p.521, **2007**
34. V. Popescu, A. Soceanu, S. Birghila, S. Dobrinas, „Synthesis and characterization of some metal-loaded ZSM-5 zeolite catalysts”, International conference on materials science and engineering, „Bramat 2007”, Brasov, ISSN: 1223-9631, p.337, **2007**
35. 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)”, Third International Conference on Environmental Education, Trends in Environmental Education „EnvEdu 2006”, Brasov, ISBN: 973-635-737-6, p. 55, **2006**
36. A. Soceanu, S. Dobrinas, **V. Popescu**, S. Birghila, V. Magearu, „Distribution of some metals in different stages of fruit growing from Prunus Avium and Prunus Cerasus”, Third International Conference on Environmental Education, Trends in Environmental Education „EnvEdu 2006”, Brasov, ISBN: 973-635-737-6, p. 56, **2006**
37. I. Carazeanu Popovici, E. Chirila, V.Ciupina, **V. Popescu**, G.Prodan, „Chemistry and structure investigation of La(FexCo1-x)O3 (x=0.6) synthesised by low-temperature method”, Proceedings of SIZEMAT, 76, **2006**
38. I. Carazeanu Popovici, E. Chirila, V.Ciupina, **V. Popescu**, G.Prodan, „HRTEM study of perovskite lanthanum lithium titanate of SIZEMAT, 40, **2006**
39. **V. Popescu**, A. Soceanu, S. Birghila, S. Dobrinas, „Determination du contenu en Cu, Zn, Mn des extrats des fruits obtenu par diverses techniques”, Le quatrieme colloque franco-roumain de chimie appliquee, Clermont-Ferrand, Franta, ISBN: 973-8392-17-9, p. 349, **2006**
40. 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 appliquee, Clermont-Ferrand, Franta, ISBN: 973-8392-17-9, p. 322, **2006**
41. 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)”, *Third International Conference on Environmental Education, Trends in Environmental Education „EnvEdu 2006”*, Brasov, ISBN: 973-635-737-6, p. 55, **2006**
42. A. Soceanu, S. Dobrinas, **V. Popescu**, S. Birghila, V. Magearu, „Distribution of Some Metals in different stages of fruit growing from Prunus Avium and Prunus Cerasus”, *Third International Conference on Environmental Education, Trends in Environmental Education „EnvEdu 2006”*, Brasov, ISBN: 973-635-737-6, p. 56, **2006**
43. **V. Popescu**, S. Birghila, R.Sirbu, A.Soceanu, „Kinetic studies about the antithermic and antibiotic drugs stability”The 1-st International Symposium”New resources in Pharmaceutical Industry”, Constanta, p.153, **2003**
44. S.Birghila, **V. Popescu**, I.Chiran, M.Smarandache, „Speciation of chromium in the environmental field”,*Second International Conference on Trace Element Speciation in Biomedical, Nutritional and Environmental Sciences, Germany, May 7-10, P 73, **2001**
45. **V. Popescu**, I. Carazeanu, A. Dumbravă, „The thermal behaviour of ocabef-ligand and [Cu(ocabef)₂]complex” *Phand TA 4 – 4th Symposion / Workshops on Pharmacy and Thermal Analysis, Germany, **1999**
46. **V. Popescu**, R. Sirbu, I. Carazeanu, „Cooper-chlorophyll-Antytumoral Agent”, *Phand TA 4 – 4th Symposion / Workshops on Pharmacy and Thermal Analysis, Germany, **1999**
47. D.Fătu, **V. Popescu**, R.Sârbu, „The thermal behaviour of some Co(II) complex combinations with Schiff bases”, *CATS'99, Japonia, **1999**
48. I.Carazeanu, **V. Popescu**, „Investigation of the hydration process in 3CaO.Al₂O₃- CaSO₄.2H₂O – H₂O- plasticizer systems by thermal analysis”, *CATS'99, Japonia, **1999**
49. R Sirbu, **V. Popescu**, „Thermodynamic studies of mixed aqueous solutions of binary electrolytes of Na₂SO₄ and K₂SO₄”, *CATS'99, Japonia, **1999**

b) În țară

1. A. Soceanu, S. Dobrinas, **V. Popescu**, S. Birghila, M. Belc, V. Magearu, „Research on trace elements in plants of the Apiaceae Family by FAAS”, National conference with international participation „Chimia 2006”, Constanta, ISBN: 973-614-302-3, p. 63, **2006**
2. **V. Popescu**, A. Soceanu, L. Teliban, „Characterization of some cosmetic day creams”, National conference with international participation „Chimia 2006”, Constanta, ISBN: 973-614-302-3, p. 98, **2006**
3. N. Matei, S. Birghilă, **V. Popescu**, S. Dobrinaș, A. Soceanu, V. Magearu, „Determination of new kinetic data about the behaviour of ascorbic acid from drugs”, 4th Aegean Analytical Chemistry Days Proceedings, Kusadasi, Turcia, ISBN: 975-8254-23-5, p.71, **2004**

4. S. Birghilă, S. Dobrinaș, **V. Popescu**, N. Matei, A. Soceanu, „Determination of fluoride in teeth with a fluoride ion-selective electrode”, 4th Aegean Analytical Chemistry Days, Kusadasi, Turcia, ISBN: 975-8254-23-5, p.71, **2004**
5. **V. Popescu**, S. Birghilă, R.Sirbu, A.Soceanu, „Kinetic studies about the antithermic and antibiotic drugs stability”, The 1-st International Symposium New resources in Pharmaceutical Industry, Constanța, ISBN: 973-644-210-1, p. 153, **2003**
6. **V. Popescu**, D. Fătu, “ Descompunerea termică a unor liganzi cu atomi de azot și oxigen”, Sesiunea de comunicări științifice a Comisiei de analiză termică și calorimetrică, București, **2002**
7. **V. Popescu**, S. Birghilă, “Noi studii referitoare la zeoliți de tip AX și Y”, *Conferința Chimia 2000, Universitatea “Ovidius” Constanța, **2000**
8. **V. Popescu**, D. Fătu, “The thermal behaviour of some Co(II) complex combinations with Schiff bases”, * A IX-a Conferință Națională de Chimie-fizică, Galați, **1998**
9. **V. Popescu**, D. Fătu, "Studiul descompunerii termice a complexșilor de Co, Ni, Cu și Zn cu orto-carboxibenziliden-fenil-amino", *Sesiunea de comunicări științifice a Comisiei de analiză termică și calorimetrică, București, **1997**
10. **V. Popescu**, D. Fătu, "Analiza termică a unor liganzi cu azot și oxigen", * A VIII-a Conferință Națională de Chimie-fizică, București, **1996**.

CĂRȚI PUBLICATE

1. **V. Popescu**
„Chimie cosmetica”
Ovidius University Press, ISBN 978-973-614-573-5, **2010**
2. **V. Popescu**
„Cinetică chimică”
Ovidius University Press, ISBN 973-9289-63-0, **2000**
3. S. Birghilă, **V. Popescu**
„Metode electrochimice de analiză”
Ovidius University Press, ISBN 973-9289-75-4, **2000**
4. **V. Popescu**, A. Soceanu
„Cataliza si biocataliza-Lucrări practice”
Editura PIM, ISBN: 978-606-13-1994-7 , **2014**
5. A. Soceanu, **V. Popescu**
„Chimie-fizica-Structura atomilor si moleculelor”-partea I
Editura PIM, ISBN: 978-606-13-2023-3 , **2014**

CAIETE DE LUCRĂRI PRACTICE

1. **V. Popescu**, A. Soceanu
„Chimie coloidala-Lucrări practice”
Ovidius University Press, ISBN: 978-973-614-572-8, **2010**
2. **V. Popescu**, A. Soceanu
“Electrochimie-Lucrări practice”
Ovidius University Press, ISBN 978-973-614-482-0, **2009**
3. **V. Popescu**, A. Soceanu
„Cinetica-Lucrari practice”
Ovidius University Press, ISBN 978-973-614-378-6, **2007**
4. R. Sîrbu, **V. Popescu**
„Termodinamică chimică – lucrări practice”
Ed. Europolis, ISBN 973 – 9430 – 59 – 7, **2000**
5. D. Mandalopol, **V. Popescu**
„Caiet de lucrări practice la disciplina: Fizico-chimia petrolului”
Ovidius University Press, **1996**

CULEGERI DE PROBLEME

1. **V. Popescu**, A. Soceanu
„Chimie Fizică – Culegere de probleme și teste grilă”

Capitol de carte publicat in editura nationala

1. **A. Soceanu**, S. Dobrinas, 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**

CONTRACTE DE CERCETARE-DEZVOLTARE

1. Contract CEEX-M1-C2-456-2006 (sau 134C- RELANSIN) "Generarea de noi cunostinte privind materialele cimentoide inalt performante, cu adaos calcaros, ecologice si economice- PERFORM-MAT-CIM", - **Partener 2**, 2006-2008, valoare pt. Univ. Ovidius 60 000 RON din care 50000 RON in **2007** si 10 000 in **2008** Responsabil Popovici Ionela, **membru**
2. "Determinarea experimentală a variatiilor parametrilor fizici ai titeiului in mediul marin", Universitatea "Ovidius" Constanța – Contract nr. 3569/29.04.**2013** cu INCDM Constanța, **membru** (1000 RON)
3. **Expert evaluator** in proiectul „Competente cheie pentru implicare civica in sprijinul dezvoltarii durabile-Energy Smart", POSDRU/190/1.1/S/156977, Beneficiar: Inspectoratul Scalar Judetean Constanta, Director proiect: Anca Dragomir (99323 lei), 2015

Confertiar universitar dr. Viorica Popescu