

Lista lucrărilor prezentate la conferințe și congrese

1. Racoviță, R.C., Anton, A.M., Catană, D., Ciucă, M.D., Hîrjău, A.C., Mihaly, M., Rău, I. *Development and Internal Validation of Spectroscopic and Chromatographic Methods for Monitoring Antidepressant Drug Residues in Wastewaters*, 22nd Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 22, Sinaia, Romania, 7-9 Sep 2022 (poster).

2. Catană, D., Meghea, A., Mihaly, M., **Racoviță, R.C.**, Anton, A.M., Ciucă, M.D., Hîrjău, A.C. *Optimization of Extraction Methods into Microemulsion Systems Applied for Photodegradation of Some Aqueous Organic Contaminants*, 22nd Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 22, Sinaia, Romania, 7-9 Sep 2022 (poster).

3. Racoviță, R.C., Catană, D., Anton, A.M., Ciucă, M.D., Hîrjău, A.C., Mihaly, M., Rău, I. *Comparison of Photodegradation Rates of Tricyclic Antidepressant Contaminants in Simulated Wastewaters under Natural Light and UV Irradiation*, 2022 Lisbon 32nd International Conference on Advances in Chemical, Biological & Environmental Sciences ACBES-22, Lisbon, Portugal, 14-15 Iul 2022 (prezentare orală).

4. Racoviță, R.C., Ciuca, M.D., Secuianu, C., Israel-Roming F. *Studies of Polycyclic Aromatic Hydrocarbon Contamination Levels of Pork Sausages Smoked under Variable Conditions*, Advances in Food Chemistry Conference AdFoodChem 2021, Bucharest, Romania, 15–17 Apr 2021 (prezentare orală).

5. Racoviță, R.C., Israel-Roming F. *Development and Application of a Gas Chromatography–Mass Spectrometry Method for Detection and Quantification of Polycyclic Aromatic Hydrocarbons in Smoked Food Products*, 10th International Conference on Biology, Environment and Chemistry ICBEC 2019, Bangkok, Thailand, 25–27 Sep 2019 (prezentare orală).

6. Racoviță, R.C., Crisciu, A.V., Ciuca, M.D., Popa, I.A., Varzaru, A.C., Sima, S., Secuianu, C. *Experimental Studies of Several Type 1 Liquid-Liquid Ternary Systems*, 21st Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 21, Mamaia, Romania, 4–7 Sep 2019 (prezentare orală).

7. Sima, S., Racoviță, R.C., Dinca, C., Feroiu, V., Secuianu, C. *Alternative Green Solvents for CO₂ Capture: Experiments and Modeling*, 21st Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 21, Mamaia, Romania, 4–7 Sep 2019 (prezentare orală).

8. Sima, S., Varzaru, A.C., **Racoviță, R.C.**, Feroiu, V., Secuianu, C. *Phase Equilibria in Systems of CO₂ and Esters*, 21st Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 21, Mamaia, Romania, 4–7 Sep 2019 (prezentare orală).

9. Sima, S., Ionita, M., **Racoviță, R.C.**, Feroiu, V., Secuianu, C. *Phase Equilibria and Densities of CO₂ + 1-Hexanol*, 21st Romanian International Conference on Chemistry and Chemical Engineering RICCCE 21, Mamaia, Romania, 4–7 Sep 2019 (prezentare orală).

10. Varzaru, A.C., Josceanu, A.M., **Racoviță, R.C.**, Isopescu, R.D. *Validation of ICP-MS Method for the Determination of Metals in Soil Samples*, 21st Romanian International Conference on Chemistry and Chemical Engineering RICCCE 21, Mamaia, Romania, 4–7 Sep 2019 (poster).

11. **Racoviță, R.C.**, Israel-Roming F. *Assessment of Polycyclic Aromatic Hydrocarbons in Retail Smoked Foodstuffs on the Romanian Market by Gas Chromatography-Mass Spectrometry*, 6th International Conference on Food Security and Nutrition ICFSN 2019, Barcelona, Spain, 8–10 Apr 2019 (prezentare orală).

12. **Racoviță, R.C.**, Israel-Roming F. *A GC-MS Method for the Determination of PAHs*, 2nd Black Sea Association of Food Science and Technology Congress B-FoST 2018, Yerevan, Armenia, 15–17 Oct 2018 (poster).

13. Sima, S., **Racoviță, R.C.**, Secuianu, C., Feroiu, V. *High-Pressure Phase Equilibrium in the Carbon Dioxide + 1,4-Dioxane System*, 30th European Symposium on Applied Thermodynamics, Prague, Czech Republic, 10–13 Jun 2018 (poster).

14. Apostol, L., Vătuiu, I., Cucu, M., **Racoviță, R.C.** *Method of Assessment of the Efficacy of Decontamination of Thermosensitive Foodstuffs*, 3rd IMEKOFOODS Conference: Metrology Promoting Harmonization and Standardization in Food and Nutrition, Thessaloniki, Greece, 1-4 Oct 2017 (poster).

15. Apostol, L., Iorga, S., Moșoiu, C., **Racoviță, R.C.**, Niculae, O.M. *The Effects of Partially Defatted Milk Thistle (*Silybum marianum*) Seed Flour on Wheat Flour*, 5th International Conference Agriculture & Food, Elenite Holiday Village, Bulgaria, 20-24 Iun 2017 (prezentare orală).

16. Apostol, L., Iorga, S., Moșoiu, C., **Racoviță, R.C.**, Niculae, O.M., Vlăsceanu, G. *Alfalfa Concentrate – A Rich Source of Nutrients for Use in Food Products*, 5th International Conference Agriculture & Food, Elenite Holiday Village, Bulgaria, 20-24 Iun 2017 (poster).

17. **Racoviță, R.C.**, Jetter, R. *New Oxidized Compounds and Polyketides from Wheat Cuticular Waxes*, 29th European Symposium on Applied Thermodynamics, Bucharest, Romania, 18–21 Mai 2017 (prezentare orală).

18. Racoviță, R., Hen-Avivi, S., Aharoni, A., Jetter, R. *The Structures, Biosynthesis and Genetics of Wheat Wax Polyketides*, 55th Annual Meeting of the Phytochemical Society of North America, Davis CA, USA, 6–10 Aug 2016 (prezentare orală).

19. Racoviță, R.C., Hen-Avivi, S., Aharoni, A., Jetter, R. *Hydroxylated Wax Compounds from Cuticular Waxes of *Triticum aestivum* cv. Bethlehem Flag Leaves and Peduncles*, 7th Banff Symposium on Organic Chemistry, Banff AB, Canada, 30 Oct – 2 Nov 2015 (poster).

20. Racoviță, R.C., Kim, J., Jetter, R. *Compositional Gradients in Wax Coatings across Various Plant Epidermis Cell Types Captured by Time-of-Flight Secondary Ion Mass Spectrometric Imaging*, 20th International Conference on Secondary Ion Mass Spectrometry, Seattle WA, USA, 13–18 Sep 2015 (prezentare orală).

21. Jetter, R., Racoviță, R., Aharoni, A., Wang, Z. *Wheat Waxes Revisited: Composition and Biosynthesis*, 54th Annual Meeting of the Phytochemical Society of North America, Urbana-Champaign IL, USA, 8–12 Aug 2015 (prezentare orală).

22. Racoviță, R.C., Kim, J., Wong, P.C., Jetter, R. *Mapping Plant Surface Waxes with Sub-Cellular Resolution via Direct Time-of-Flight Mass Spectrometric Imaging*, 97th Canadian Chemistry Conference and Exhibition, Vancouver BC, Canada, 1–5 Jun 2014 (prezentare orală).

23. Racoviță, R.C., Peng, C., Jetter, R. *Chemical Composition of Cuticular Waxes of *Aloe arborescens* Leaves: Identification and Distribution of Novel 1,3-Bifunctional Compounds*, 52nd Annual Meeting of the Phytochemical Society of North America, Corvallis OR, USA, 3–7 Aug 2013 (poster).

24. Racoviță, R., Kim, J., Wong, P.C., Mitchell, K.A.R., Jetter, R. *Direct Mass Spectrometric Mapping of Surface Composition: ToF-SIMS Investigations of Epidermal Cell Types on Arabidopsis Organs*, 52nd Annual Meeting of the Phytochemical Society of North America, Corvallis OR, USA, 3–7 Aug 2013 (prezentare orală).

25. Racoviță, R.C., Kim, J., Wong, P.C., Mitchell, K.A.R., Jetter, R. *Spectroscopic Analysis of *A. thaliana* Leaf Surfaces by Time-of-Flight Secondary Ion Mass Spectrometry*, UBC Chemistry Department Graduate Research Symposium, Vancouver BC, Canada, 15 Sep 2012 (poster).

26. Racoviță, R.C., Semenikhin, O.A. *The Effect of Thiols on the Electrochemical Properties of Polythiophenes*, 219th Electrochemical Society Meeting, Montreal QC, Canada, 1–6 May 2011 (poster).

27. **Racoviță, R.C.**, Semenikhin, O.A. *Studies of the Effect of Dithiols on the Electrochemical Properties of 2,2'-Bithiophene and Poly(2,2'-bithiophene)*, ECS Canadian Section Fall Symposium, London ON, Canada, 18 Sep 2010 (poster).