

LUCRĂRI LA CONFERINȚE ȘI CONGRESE

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2. Aurelia Bratu, **Mihaela Mihalache**, Maria-Cristina Todașcă, Nicoleta Chira, Fulvia Manolache, Teodor Martura, Niculina Ionescu, Sorin Rosca, “Corn oil extraction improvement”, Poster, *a XXXIII a Conferinta Nationala de Chimie*, 1-3 octombrie, **2014**, Căciulata, Romania.

3. **Mihaela Mihalache**, Aurelia Bratu, Nicoleta-Aurelia Chira, Maria Maganu, Maria-Cristina Todașcă, Sorin Roșca, “Analysis of trans fatty acids using FT-IR and GC methods from romanian food products”, Prezentare orală, *RICCCE-17th Romanian International Conference on Chemistry and Chemical Engineering*, 7-10 Septembrie, **2011**, Sinaia, România.

4. Aurelia Bratu, **Mihaela Mihalache**, Nicoleta-Aurelia Chira, Maria-Cristina Todașcă, Anamaria Hanganu, Sorin Roșca, “Physical methods for determination of ω -3/ ω -6 ratio of polyunsaturated fatty acids from romanian products”, Prezentare orală, *RICCCE-17th Romanian International Conference on Chemistry and Chemical Engineering*, 7-10 Septembrie, **2011**, Sinaia, România.

5. **Mihaela Mihalache**, Aurelia Bratu, Nicoleta Chira, Maria Maganu, Anamaria Hanganu, Cristina Todașcă, Sorin Roșca, “Evaluation of Food Nutraceutical Value and Toxicity by Modern Physical Methods”, Prezentare orală, Workshopul Internațional “*Chemistry and food safety*”, 9-10 Iunie, **2011**, Universitatea “Ovidius”, Constanța, România.

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7. Aurelia Bratu, **Mihaela Mihalache**, Nicoleta Chira, Cristina Todașcă, Anamaria Hanganu, Sorin Roșca, “Determination d’acides gras polyinsaturés dans les poisons roumains par spectroscopie $^1\text{H-RMN}$ et CG-SM” *Colloque Franco-Roumain de Chimie Appliquee (COFrRoCA)*, Poster, 27-29 Iunie, **2012**, Bacău, România, Book of abstracts, pag 90-91, ISSN 2068-6382.

8. Mihaela-Liliana Mihalache, Cristina Todașcă, Anamaria Hanganu, Nicoleta Chira, Aurora Ranca, Aurelia Bratu, Sorin Roșca, „Authentication of fourteen romanian grape seeds oils varieties using spectroscopic methods”, Presentare orală și Poster, 4th *EuCheMS Chemistry Congress*, 26-30 August, **2012**, Praga, Cehia.

9. Aurelia Bratu, **Mihaela-Liliana Mihalache**, Anamaria Hanganu, Cristina Todașcă, Nicoleta Chira, Sorin Roșca, „Authentication of romanian ripened brine cheese and yellow cheese using ¹H-NMR spectroscopy and GC-MS technique”, Poster, 4th *EuCheMS Chemistry Congress*, 26-30 August, **2012**, Praga, Cehia.

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12. Nicoleta-Aurelia Chira, Maria-Cristina Todașcă, Aurelia Bratu, **Mihaela-Liliana Mihalache**, Sorin Ioan Roșca, “Synthèse de l’oléate de méthyl marqué par deutérium”, Poster, *COFrRoCA*, 15-17 septembrie, **2014**, Montpellier, Franta.

13. Mihaela Tociu, Maria Cristina Todasca, Victoria Artem, **Mihaela Mihalache**, Nicoleta Aurelia Chira, Fulvia Manolache, Mihaela Stanescu, „Compositional Changes in Grapes Seed Oils from Traditional and local Romanian Red Varieties”, *3rd North and East European Congress on Food (NEEFood)*, 20-23 Mai, **2015**, Brașov, România, pp. 146, Special issue of *Journal of EcoAgriTourism*, ISSN 1844-8577.

14. Maria Cristina Todasca, Mihaela Tociu, Aurelia Bratu, Mihaela Radu, **Mihaela Mihalache**, Fulvia Manolache, Mihaela Stanescu, „Improving the Quality of Sunflower Oil by Valorization of Vegetable Waste from the Wine Industry”, *19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE)*, 2-5 Septembrie, **2015**, Sibiu, România, pp. 86-87, Conference Proceedings.

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16. Mihaela Tociu, **Mihaela Mihalache**, Aurelia Bratu, Fulvia Manolache, Chira Nicoleta, Maria Cristina Todasca, „Authentication of Hard Cheese Based on NMR Fatty Acid Profiling”, *7th International Symposium RECENT ADVENCES IN FOOD ANALYSIS*, 3-6 Noiembrie, **2015**, Praga, Republica Cehă, pp. 176, ISBN 978-80-7080-934-1.

17. **Mihaela Mihalache**, Mihaela Tociu, Maria Cristina Todasca, Nicoleta Chira, Aurelia Bratu, Sorin Rosca, “Authentication du Salam de Sibiu par des methodés spectrales” - *9ème Colloque Franco-Roumain de Chimie Appliquée (COFrRoCA)*, 29 Iunie-2 Iulie, **2016**, Clermont-Ferrand, Franța, pp. 117, ISSN: 2068-6382.

18. Mihaela Tociu, Maria Cristina Todasca, **Mihaela Mihalache**, Dragoș Gudovan, Mihaela Stanescu, “Quality enhancement of vegetable oils based on waste from wine industry”, *6th EuCheMS Chemistry Congress*, 11-15 Septembrie, **2016**, Seville, Spania, pp. 161.

19. Cristina Todasca, Mihaela Tociu, Aurelia Bratu, **Mihaela Mihalache**, Dragoș Voicu, Fulvia Manolache, “Methods for Authentication of Cheese Adulteration with Exogenous Fats”, *20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE)*, 6-9 Septembrie, **2017**, Poiana Brașov, România.

20. **Mihaela Mihalache**, Cristina Todasca, Mihaela Tociu, Aurelia Bratu, Valentin Ionescu, “Influence of Rainfall Regime on Grape Seed Oil Composition”, *20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE)*, 6-9 Septembrie, **2017**, Poiana Brașov, România.

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22. Cristina Todasca, Mihaela Tociu, **Mihaela Mihalache**, Aurelia Bratu, Dragos Gudovan, Victoria Artem, „Optimal Extraction Conditions for Enhancement of Vegetable Oils with Bioactive Compounds”, *XIXth EuroFoodChem Conference*, 4-6 Octombrie, **2017**, Budapesta, Ungaria, pp. 136, ISBN: 978-963-9970-79-3.