

## **ASSOCIATE PROFESSOR PETRICA IANCU, PhD**

University POLITEHNICA of Bucharest  
Faculty of Chemical Engineering and Biotechnologies  
Department of Chemical and Biochemical Engineering  
Modelling, Simulation and Optimization of Chemical Processes Group

### *National and international conferences presentations (Selected 2015-2022)*

1. Popescu M., Iancu P., Bildea C.S., Plesu V., Todasca M.C., Antioxidant activities and total phenolic content of tomato residue extracts (Poster Presentation) – Advances in Food Chemistry, AdFoodChem 2021, 15-17 April 2021
2. Popescu M., Iancu P., Bildea C.S., Plesu V., Todasca M.C., The use of supercritical CO<sub>2</sub> extraction in the food industry (Oral Presentation), Advances in Food Chemistry, AdFoodChem 2021, 15-17 April 2021
3. Popescu M., Iancu P., Plesu V., Bildea C.S., Todasca M.C., Carotenoids green extraction from tomatoes - International Chemical Engineering and Material Symposium, SICHEM 2020, 17-18 September 2020
4. Popescu M., Iancu P., Plesu V., Bildea C.S., Todasca M.C., Improving the efficiency of the supercritical CO<sub>2</sub> extraction process of cannabis sativa l. seed oil - International Chemical Engineering and Material Symposium, SICHEM 2020, 17-18 September 2020
5. Popescu M., Iancu P., Plesu V., Todasca M.C., Bildea C.S., Carotenoids recovery from tomato pomace: conventional vs. green extraction method, 21st Romanian International Conference on Chemistry and Chemical Engineering (RICCCE21), Mamaia, 4-7 Septembrie 2019
6. Stefan N.G., Iancu P., Plesu V., Calinescu I., Strategies to concentrate  $\omega$ -PUFA methyl esters through molecular distillation, 21st Romanian International Conference on Chemistry and Chemical Engineering (RICCCE21), Mamaia, 4-7 Septembrie 2019
7. Popescu M., Iancu P., Plesu V., Todasca C., Extraction of valuable products from tomatoes, SICHEM2018, 6-7 September, 2018, Bucharest, Romania
8. Iordache A., Iancu P., Plesu V., Coal combustion gases heat recovery, SICHEM2018, 6-7 September, 2018, Bucharest, Romania
9. Iancu P., Plesu V., Bumbac G., Coman D., Fuel gases by carbon dioxide matanization, SICHEM2018, 6-7 September, 2018, Bucharest, Romania
10. Safta L.G., Iancu P., Plesu V., Bumbac G., Methanol t olefines (MTO) from syngas design sustainable process, SICHEM2018, 6-7 September, 2018, Bucharest, Romania
11. Popescu M., Iancu P., Crisicu A.V., Plesu V., Heat capacity models for solutions of some natural products in supercritical CO<sub>2</sub>, 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20), 6-9 September, 2017, Poiana Brasov, Romania

12. Stefan N.G., Plesu V., Calinescu I., Iancu P., Bonet-Ruiz A.E., Bonet J., Toma A., Mathematical modelling of molecular distillation, 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20), 6-9 September, 2017, Poiana Brasov, Romania
13. Patrascu I., Nicolae M., Bildea C.S., Iancu P., Plesu V., Hybrid Separation Techniques for Butanol Recovery from the ABE Process, 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20), 6-9 September, 2017, Poiana Brasov, Romania
14. Bucur S.S., Iancu P., Plesu V., Coman D., CO<sub>2</sub> as a Source to obtain Synthetic Natural Gas, 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20), 6-9 September, 2017, Poiana Brasov, Romania
15. Plesu V., Iancu P., Bonet-Ruiz A.E., Bonet J., Botella Tapiador E., Toma A., Stefan N.G., Toader S., TAME Synthesis Pilot Plant Modelling and Experiments, 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20), 6-9 September, 2017, Poiana Brasov, Romania
16. Neagu A.A., Plesu V., Bumbac G., Iancu P., Bonet-Ruiz A.E., Bonet J., Energy efficiency of Oil Refining Processes, 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20), 6-9 September, 2017, Poiana Brasov, Romania
17. Badea B.C., Petre L.I., Iancu P., Plesu V., Bumbac G., LNG simulation with mixed refrigerants cycles, 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20), 6-9 September, 2017, Poiana Brasov, Romania
18. Ștefan N.G., Iancu P., Pleșu V., Bonet-Ruiz A., Bonet-Ruiz J., Mathematical modelling of molecular distillation process, XXXIVth Romanian Chemistry Conference, Călimănești-Căciulata, Vâlcea, 4-7 Octombrie 2016;
19. Iancu P., Danciu T.D., Onofrei R., New trends in teaching Chemical Engineering, 19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE19), 2-5 September, 2015, Sibiu, Romania, Lecture 358
20. Stefan N.G., Pleșu V., Iancu P., Georgescu E.B., Toma A., Stepan E., Concentration of polyunsaturated fatty acids methyl esters from hempseed oil obtained by high vacuum distillation, 19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE19), Sibiu, 2-5 Septembrie 2015;
21. Stefan N.G., Plesu V., Georgescu E.B., Iancu P., New possibilities to obtain concentrates of PUFA esters by high vacuum distillation, 3rd European Congress of Applied Biotechnology, 27 September – 1 October 2015, Nice, France, S01-344