

## LISTĂ DE LUCRĂRI

1. Iancu, P., **Ștefan, N.G.**, Plesu, V., Toma, A., Stepan, E., Advanced high vacuum techniques for  $\omega$ -3 polyunsaturated fatty acids esters concentration, *Revista de Chimie*, 66(6), 911-917, 2015, ISSN: 0034-7752 (F.I. = **0,956**);
2. **N.G. Ștefan**, P. Iancu, V. Pleșu, I. Călinescu, Vapor pressure of two fatty acids alkyl esters: Experimental vs. Predicted data, *U.P.B. Sci. Bull., Seria B*, Vol.2, Iss.1, 2020, ISSN 1454-2331; (F.I. = -);
3. **N.G. Ștefan**, P. Iancu, V. Pleșu, I. Călinescu, N.D. Ignat, Highly efficient deacidification process for *Camelina sativa* crude oil by molecular distillation, *Sustainability*, Vol.13, Iss.5, 2818, 2021, <https://doi.org/10.3390/su13052818> (F.I. = **2,576**);
4. Enascuta C.E., Stepan E., Plesu V., Iancu P., **Ștefan N.G.**, Procedeu de obținere a unui ulei cu conținut mărit de acizi grași polinesaturați și a unui biocarburant diesel, RO129836/30.03.2017, Universitatea POLITEHNICA din București, 2017 (*Brevet de invenție*);

## Participări manifestări științifice

1. **Ștefan N.G.**, Enășcuță C., Stepan E., Tuluc A., Pleșu V., Bonet Ruiz J., Iancu P., High vacuum distillation for  $\omega$ -3 fatty acids esters separation, 18<sup>th</sup> Romanian International Conference on Chemistry and Chemical Engineering (RICCCE18), Sinaia, 4-7 Septembrie 2013, (prezentare orală);
2. Pleșu, V., **Ștefan, N.G.**, Iancu, P., Toma, A., Stepan, E., Bonet-Ruiz, J., Obtaining omega-3 polyunsaturated fatty acid esters concentrates using high vacuum distillation, CHISA 2014 – 22nd International Congress of Chemical and Process Engineering and PRES 2014 - 17th Conference PRES, 23-27 August 2014, Praga, Cehia, (poster);
3. **Ștefan N.G.**, Pleșu V., Iancu P., Toma A., Stepan E., Concentration of alfa-linolenic acid methyl ester from methanol transesterified camelina oil, 2<sup>th</sup> International Conference on Chemical Engineering, „Innovative Materials and Processes” (ICCE), Iași, 5-8 Noiembrie 2014, (poster);
4. **Ștefan 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, 19<sup>th</sup> Romanian International Conference on Chemistry and Chemical Engineering (RICCCE19), Sibiu, 2-5 Septembrie 2015, (poster);
5. **Ștefan N.G.**, Pleșu V., Iancu P., Georgescu B.E., New possibilities to obtain concentrates of PUFA esters by high vacuum distillation, 3<sup>th</sup> European Congress of Applied Biotechnology (ECAB3), 27 Septembrie-1 Octombrie 2015, Nisa, Franța, ISBN : 978-2-910239-82-4, (poster);
6. **Ștefan N.G.**, Iancu P., Pleșu V., Bonet-Ruiz A., Bonet-Ruiz J., Mathematical modelling of molecular distillation process, XXXIV<sup>th</sup> Romanian Chemistry Conference, Călimănești-Căciulata, Vâlcea, 4-7 Octombrie 2016, (prezentare orală);

7. **Ștefan N.G.**, Pleșu V., Călinescu I., Iancu P., Bonet-Ruiz A., Bonet-Ruiz J., Toma A, Mathematical modelling of molecular distillation, 20<sup>th</sup> Romanian International Conference on Chemistry and Chemical Engineering (RICCCE20), Poiana Brașov, Brașov, 6-9 Septembrie 2017, (prezentare orală);
8. **Ștefan N.G.**, Pleșu V., Iancu P., Călinescu I., Lemnaru I., Strategies to concentrate omegaPUFA methyl esters through molecular distillation, 21<sup>th</sup> Romanian International Conference on Chemistry and Chemical Engineering (RICCCE21), Mamaia, Constanța, 4-7 Septembrie 2019, (poster);