

CONFERENCES

- Cristiana Luminița Gîjiu, Raluca Isopescu, Daniel Dinculescu, Maria Memecică, Manuela Rossemary Apetroaei, Mirela Anton, Verginica Schröder, Ileana Rău, Optimization of Chitin Extraction to Obtain Chitosan with Tailored Properties, RICCCCE 22, septembrie 2022, Sinaia, România
- Andreea Lascu, Cristiana Luminita Gîjiu, Daniel Dinculescu, Raluca Isopescu, HNO₃ synthesis in mono-and dual-pressure operating plants. Technical and cost comparative analysis, International Conference on Chemistry and Chemical Engineering RICCCCE 21, 4 – 7 septembrie 2019, Constanța-Mamaia, Romania
- Cristiana Luminița Gîjiu, Cristina Mișcoi, Daniel Dinculescu, Raluca Isopescu, Enhancing Bioethanol Production Using Membrane Tools, International Conference on Chemistry and Chemical Engineering RICCCCE 20, 6 – 9 septembrie 2017, Poiana Brașov, Romania
- Cristiana Luminița Gîjiu, Daniel Dumitru Dinculescu, Ileana Rău, Grațiela Tihan, Mihaela Ghica, Modeling the drugs release from composite materials based on collagen, 14th International Conference on Frontiers of Polymers and Advanced Materials, 31 octombrie – 4 noiembrie 2016, DCC, Daejeon, Korea
- R. Isopescu, C.L. Gîjiu, D.D. Dinculescu, D. Miroiu, V. Lavric, Increasing Biofuel Productivity using Pervaporation as Primary Concentration Method, International Conference on Chemistry and Chemical Engineering RICCCCE 19, pg. S.IV.147 - 154, 2 – 5 septembrie 2015, Sibiu, Romania
- R. Isopescu, L. Gîjiu, D. Dinculescu, A.M. Josceanu, V. Lavric, Hybrid Systems for Bio-Butanol Purification, Conference Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction PRES'15, Kuching Malaysia, 23-27 august 2015
- D. Dinculescu, L. Gîjiu, R. Isopescu, V. Lavric, Modeling the Radwaste Treatment in Ion Exchange Columns, Conference Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction PRES'15, Kuching Malaysia, 23-27 august 2015
- R. Isopescu, C.L. Gîjiu, D.D. Dinculescu, D. Miroiu, V. Lavric, *Increasing Biofuel Productivity using Pervaporation as Primary Concentration Method*, International Conference on Chemistry and Chemical Engineering RICCCCE 19, 2 – 5 septembrie 2015, Sibiu, Romania
- D. Dinculescu, C.L. Gîjiu, V. Lavric, *Complex mathematical modeling of the removal of radionuclide using ion exchange columns*, 2nd International Conference on Chemical Engineering, 5-8 November 2014, Iași, Romania
- H. H. S. Khwayyir, Gh. Maria, D. Dinculescu, *Accident condition influence on domino effect consequences for two sensitive neighbouring chemical plants*, 10th ELSEDIMIA International Conference on “Environmental Legislation, Safety Engineering and Disaster Management”, 18-19 September 2014, Cluj-Napoca, ROMÂNIA (invited speaker)
- R. Isopescu, L. Gîjiu, D. Dinculescu *Hybrid systems for light hydrocarbons mixture separation*, International Conference on Chemistry and Chemical Engineering RICCCCE 18, pg. S4-61, 4-7 septembrie 2013, Sinaia, Romania
- Daniel Dinculescu, Elena Daniela Lavric, Alexander Konnov, Jack de Ruyck, *Cold burner experimental axial mixing chart*, Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 15, Sinaia – Romania, 19-22 september 2007, Editura PRINTECH, pg. S-4-16 – S-4-17
- D. Dinculescu, L. Gîjiu, V. Lavric, *Statistical optimum operating parameters search for the extraction-back-extraction column*, Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 15, Sinaia – Romania, 19-22 september 2007, Editura PRINTECH, pg. S-4-45 – S-4-46
- D. Dinculescu, V. Lavric *The sensitivity of the mathematical model of the liquid membrane extractive column with respect to the operating parameters*, 2005, Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 14, Bucharest, pg.132-139
- T.Dobre, A. Stoica, A. Sturzoiu, T. Ofiteru, D. Dinculescu, *Metals' removal from aqueous solutions: experimental study and mathematical modelling*, CHISA 2004 16th International Congress of Chemical and Process Engineering 22 – 26 August 2004, Prague, Czech Republic
- C.L. Gîjiu, D. Dinculescu, R. Isopescu, R. Dima *The Study of the pollutant gases permeation and diffusion across membranes* oct. 2003, Simpozionul Mediul și Industria, București
- D. Dinculescu, L. Gîjiu *The experimental investigation for extraction of acetic acid using liquid membranes made like a mixture of organic solvents*, 2003, Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 13, Bucharest, pg. 104 – 109

- Guzun-Stoica, D.D. Dinculescu, T. Dobre, O. Floarea *Kinetics of phenol extraction with sulfuring acid salts of trioctylamine studied by a rotating diffusion cell*, 1999, Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 11, 1999, Bucharest, pg. 147 – 152
- D.D. Dinculescu, A. Guzun-Stoica, T. Dobre, O. Floarea *Extraction of Cr (VI) with solvent regeneration*, 1999, Romanian International Conference on Chemistry and Chemical Engineering RICCCCE 11, Bucharest, pg. 137 – 140
- D.D. Dinculescu, T. Dobre, A. Guzun-Stoica, O. Floarea *Mathematical modeling of L-L extraction with solvent recycling*, 20-23 oct.1998, International Chemistry Show, SICHEM '98, pg. 72-83
- D.D. Dinculescu, T. Dobre, A. Guzun-Stoica, O. Floarea *Experimental investigation of L-L extraction with solvent recycling*, 20-23 oct. 1998, International Chemistry Show, SICHEM '98, pg. 56-63
- S. Levai, A. Guzun-Stoica, D.D. Dinculescu *Optical study of liquid-liquid interfaces*, oct. 1995, Conferința de Chimie și Inginerie Chimică, București, vol. 4, partea I, pg. 141
- R. Dima, A. Guzun-Stoica, D.D. Dinculescu, *Ultrafiltrare în module plane cu curgere tangențială*, oct. 1993, Conferința de Chimie și Inginerie Chimică, București, vol. 2, pg. 497
- A. Guzun-Stoica, D.D. Dinculescu *Transferul de masă la interfața lichid-lichid*, oct. 1993, Conferința de Chimie și Inginerie Chimică, București, vol. 2, pg. 429
- R. Dima, D.D. Dinculescu *Modelarea proceselor de permeație prin membrane*, oct. 1993, Conferința de Chimie și Inginerie Chimică, București, vol.2, pg. 152
- Gh. Soare, D.D. Dinculescu *Mecanismul transferului termic la fierberea nucleată*, oct. 1987, Conferința de Chimie și Inginerie Chimică, București, pg. 152