

Lista de lucrari

Ioana DIACONU

I. Teza sau tezele de doctorat

T.1 I. Diaconu, Separarea compușilor organici prin tehnici membranare, conducator stiintific Prof. Dr. Ing. Gheorghe Nechifor, Universitatea Politehnica Bucuresti; sustinere publica e tezei in data de 21.09.2011; titlu de doctor obtinut in baza Ordinului Ministrului Educatiei, Cercetarii si Tineretului nr.6468 din 07.12.2011.

II. Cărți

Ioana Ghica Diaconu, Separarea compusilor organici prin tehnici membranare, Ed. Politehnica Press, 2016, ISBN 978-606-515-661-6

III. Capitle în carti

(Cb - Cărți de specialitate publicate în edituri recunoscute (autor, coautor, editor).

Cb2 Autori **I. Diaconu**, E. Ruse, I. Zaharia, E. Eftimie Totu
Titlu *Membrary procedure for concentrating some phenolic compounds*
Volumul **Trends in membranology**, S.I. Voicu, G. Nechifor, Editura Printech, pg 81, Bucuresti 2010, ISBN 978-606-521-525-2.

Cb.1 Autori **I. Diaconu**
Titlu *Recuperarea, separarea compușilor fenolici și a alto compuși aromatic prin tehnici membranare*
Volumul **Membrane Materials, Membranes, Membrane Processes**, vol I, G. Nechifor pg. 317, , Ed. Printech, , București 2011, ISBN 978-606-521-710-2

IV. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)

Articole publicate în reviste de specialitate de circulație internațională recunoscute

(Ris - Reviste de specialitate de circulație internațională recunoscute (cotate / indexate ISI Thomson Reuters, sau indexate in alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selectie a revistelor pe baza unor criterii de performanta).

Ris.39 Autori **Diaconu, I.**, Pârvulescu, O. C., Topală, S. L., & Dobre, T.
Titlu Effects of process factors on performances of liquid membrane-based transfer of indole-3-acetic acid
Revista Scientific Reports, 2021, 11:23427, <https://doi.org/10.1038/s41598-021-02876-x>

Ris.38 Autori **Ioana Diaconu**, Hassan Y. Aboul-Enein, Cristina Orbeci, Andrei A. Bunaciu, Ecaterina A. Serban and Elena Ruse,
Titlu Separation of Indole-3-acetic Acid from Tryptophan by Bulk Liquid Membrane
Revista Current Analytical Chemistry, 2021, 17, 883-891, [10.2174/1573411016999201015143000](https://doi.org/10.2174/1573411016999201015143000), ISSN: 1875-6727 (Online) ISSN: 1573-4110 (Print), WOS:000663126600012

- Ris.37** Autori **Diaconu, I** ; Serban, EA;Badea G.I Ruse, E ;
Titlu Transport of Indole 3-Acetic Acid Through Bulk Liquid Membrane
Influence of Carrier In The Diffusion Process
Revista Revista de Chimie, 2019, 70(8), 2716-2719, ISSN: 0034-7752, ISI factor
1,412, WOS:000489685600003
- Ris.36** Autori Serban, EA; **Diaconu, I**; Ruse, E ; Batrinescu, G ; Nechifor, G ; Lazar,
MN
Titlu Bulk Liquid Membranes for Separation and Recovery of Pharmaceutical
Products
Revista Revista de Chimie, 2018, 69(11), 2708-2711, ISSN: 0034-7752, ISI factor
1,412, WOS:000451931500064
- Ris.35** Autori Badea, GI ; Filipescu, SCL ; Radu, GL ; **Diaconu, I**
Titlu Evaluation of the Efficacy of Various Green Extraction Methods for High
Valorisation of Vegetal Antioxidant Sources
Revista Revista de Chimie, 2018, 69(10), 2708-2711, ISSN: 0034-7752, ISI factor
1,412, WOS:000451925300019
- Ris.34** Autori E. A.Şerban, **I. Diaconu**, E. Ruse, E. Eftimie Totu, G.Nechifor
Titlu Studies on the transport of indole-3-acetic acid through bulk liquid
membranes
Revista Rev. Roum. Chim., 2017, 62(6-7), 505-509, ISSN: 0035-3930, ISI factor
0,246, WOS:000428235600008
- Ris33** Autori I. Chican, D. Varasteanu, L C. Oproiu, SM Doncea, M. Deaconu,
I. Diaconu
Titlu Effect of Surfactant - Assisted Enzymatic Treatment on the Structure and
Specific Properties of Wool Fibre
Revista Revista de Chimie, 2017 Vol. 68(12), 2918-2921; ISSN: 0034-7752, ISI
1,232, WOS:000423261900039
- Ris.32** Autori G.I. Badea, **I. Diaconu**, GL. RADU
Titlu Organic Acids Chemical Profiling in Food Items
Revista Revista de Chimie, 2017 Vol. 68, No. 6. pp. 1147-1152; ISSN: 0034-7752,
ISI 1,232, WOS:000408702900001
- Ris.31** Autori E.A Serban, **I Diaconu**, E Ruse, G.I. Badea, A. Cuciureanu, G. Nechifor
Titlu Evaluation of Kinetic Parameters at the Transport of Indole-3-acetic Acid
Through Bulk Liquid Membrane
Revista Revista de Chimie, 2017, Vol. 68. No. 5, pp. 903-908; ISSN: 0034-7752,
ISI 1,232, WOS:000405816300002

- Ris.30** Autori **I. Diaconu**, E. Ruse, H. Y. Aboul-Enein, A.A. Bunaciu
 Titlu Analytical applications of transport through liquid membranes
 Crit Rev Anal Chem 2016, Vol. 46, nr. 4, 332-341, ISSN1040-8347, ISI 2.667, WOS:000381020800006
- Ris.29** Autori E. A.Şerban, **I. Diaconu**, C.M. Mirea, E. Ruse, G.Nechifor
 Titlu Partition of Indole-3-acetic Acid in Biphasic Systems
 Revista Revista de Chimie, 2016, Vol. 67. No. 4, pp. 634-638, ISSN: 0034-7752, ISI 0,956, WOS:000376549200009
- Ris.28** Autori C. M. Mirea, **I. Diaconu**, E. Ruse, E. A.Şerban, D. D.Clej, G. A.Popa, D. F.Popa (Enache), G.Nechifor,
 Titlu *The Removal Of Heavy Metals Using The Bulk Liquid Membrane Technique*
 Revista Progress of Cryogenics & Isotopes Separation, Vol. 19, No. 1, 2016, pp. 45 – 54, ISSN 1582-2575
- Ris.27** Autori C. M. MIREA, **I. Diaconu**, E. A. Serban, E. Ruse
 Titlu „*Speciation Studies of Iron Aqueous Media Using the Bulk Liquid Membranes Techniques*” -
 Revista Revista de Chimie, 2016, Vol. 67, No. 7. pp. 1244-1246; ISSN: 0034-7752, ISI 0,956, WOS:000385513000002
- Ris.26** Autori C. M. Mirea, **I. Diaconu**, E. A.Şerban, E. Ruse, G.Nechifor
 Titlu *The Transport of Iron (III) Through Bulk Liquid Membrane Using Aliquat 336 As Carrier*
 Revista Revista de Chimie, 2016, Vol. 67. No. 5, pp. 838-841; ISSN: 0034-7752, ISI 0,956, WOS:000378158100004
- Ris.25** Autori C. M.Mirea, **I.Diaconu**, E. A.Şerban, E. Ruse
 Titlu Establishing Performance Parameters To Determine Manganese Using Uv-Vis Molecular Absorption Spectrometry
 Revista U.P.B. Sci. Bull., Series B, Vol. 77, Iss. 3, 2015pp. 103 -114, ISSN 1454 – 2331, WOS:000417262900011
- Ris.24** Autori **I.Diaconu**, C. M.Mirea, E. Ruse, A. M.Balea,
 Titlu Uncertainty estimation for acetaminophen spectrophotometric determination after the transport through bulk liquid membrane
 Revista *U.P.B. Sci. Bull., Series B*, 2015, Vol. 77, Iss. 1, 41-52, ISSN 1454 – 2331, WOS:000417043900004
- Ris.23** Autori **I. Diaconu**, C. M. Mirea, E. A. Serban, E. Ruse, G. Nechifor

- Titlu Pertraction of Acetaminophen through Bulk Liquid Membranes. Kinetic Aspects
 Revista Revista de Chimie, **2015**, vol **66**, no. **7**, **926-928**, ISSN: 0034-7752, ISI 0.956, WOS:000359179900002
- Ris.22** Autori **I.Diaconu**, C. M. Mirea, E. Ruse, G.Nechifor
 Titlu Selective recovery of phenolic derivatives through the technique of liquid membranes
 Revista Environmental Engineering Management Journal., **2015**, vol. **14**, no.**3**, **625-630**, ISSN: 1582-9596, ISI 1.008, WOS:000352652700017
- Ris.21** Autori **I.Diaconu**, H. Y. Aboul-Enein, A. A. Bunaciu, E. Ruse, C.M. Mirea,G. Nechifor,
 Titlu Selective separation of acetaminophen from pharmaceutical formulations through membrane techniques
 Revista Revue Roumaine de Chimie, **2015**, **60(5-6)**, **521-525**, ISSN: 0035-3930, ISI 0.250, WOS:000370990000016
- Ris.20** Autori **I.Diaconu**, H. Y. Aboul-Enein, A. A. Bunaciu, E.Ruse, C. M.Mirea, G.Nechifor,
 Titlu Aspects of the diffusive transport of acetaminophen through bulk liquid membranes,
 Revista Revue Roumaine de Chimie, **2015**, **60(5-6)**, **501-505**, ISSN: 0035-3930, ISI 0,250, WOS:000370990000013
- Ris.19** Autori I.Zaharia, **I. Diaconu**, E. Ruse, G.Nechifor
 Titlu The Separation of Salicylic Acid from 5-aminosalicylic Acid Through Bulk Liquid Membranes
 Revista Revista de Chimie 2015, vol 66, no. 2, 162-172, ISSN: 0034-7752, ISI 0.956, WOS:000351659300004
- Ris.18** Autori I.Zaharia, **I. Diaconu**, E. Ruse, G. Nechifor
 Titlu The role of the carrier in the pertraction of p-aminophenol through bulk liquid membranes
 Revista Revista de Chimie 2014, vol 65, no. 11, 1256-1259, ISSN 0034-7752, ISI 0.810, WOS:000345946300002
- Ris.17** Autori C. Olteanu, P. Szczepanski, C.Orbeci, C.G.Lica, L.Costache, **I. Diaconu**
 Titlu Study of the transport of chromium, manganese and zinc through bulk liquid membrane using D2EHPA and Cyanex 301 as a carrier
 Revista Rev.Chim. vol. 64, no.9, pp. 925-929, 2013, ISSN 0034-7752, ISI 0.677, WOS:000326855900001
- Ris 16** Autori I. Zaharia, H. Y. Aboul-Enein, **I.Diaconu**, E. Ruse, A.A. Bunaciu, G. Nechifor

- Titlu Facilitated transport of 5-aminosalicylic acid through bulk liquid membrane
 Revista Journal of the Iranian Chemical Society, vol 10, no.6, p.1129-1136, 2013, ISSN 1735-2428 , ISI 1.406, WOS:000325431000008
- Ris.15** Autori I.Zaharia, **I.Diaconu**, E. Ruse, G. Nechifor,
 Titlu *The transport of 3-aminophenol through bulk liquid membrane in the presence of aliquat 336*
 Revista Digest Journal of Nanomaterials and Biostructures 7 (3), pp. 1303-1314, ISSN 1842 – 3582, ISI 1,092, 2012, WOS:000312709300050
- Ris.14** Autori I. Zaharia, **I Diaconu**, E Ruse, G. Nechifor
 Titlu *The pH role in the transport of active principles of drugs through agitated bulk liquid membrane*
 Revista UPB Scientific Bulletin, Series B: Chemistry and Materials Science 74(2), pp. 61-70
- Ris.13** Autori **I.Diaconu**, G. Nechifor, A. C.Nechifor, E.Ruse, E.EftimieTotu
 Titlu *Membranary techniques used at the separation of some phenolic compounds from aqueous media*
 Revista U.P.B. Sci. Bull.,SeriesB,Chemestry and Materials Science, vol. 71, no. 4, pp. 61-70, 2009, ISSN 1454-2331
- Ris.12** Autori P. Szczepanski, **I. Diaconu**
 Titlu *Transport of p-nitrophenol through an Agitated Bulk Liquid Membrane*
 Volum Separation Science andTechnology, ISSN 0149-6395, Vol.47, no.12, 2012, pp. 1725-1732, ISI (2012) 1.164, WOS:000307651400005
- Ris.11** Autori **I. Diaconu**, I.Zaharia, E. Ruse, D. A. Radu
 Titlu *Kinetic Aspects of Transport para-aminophenol through Agitated Bulk Liquid Membrane*
 Volum Revista de Chimie vol. 63, no.2, pp. 153-158, 2012, ISSN 0034-7752, ISI 0.599, WOS:000301566400006
- Ris.10** Autori **I. Diaconu**, H. Y. Aboul-Enein, M. A. Al-Omar, G. Nechifor, E. Ruse, A. A. Bunaciu, E. EftimieTotu
 Titlu *Separation nitrophenols. Equilibriums in bi- and tri-phasic systems*
 Volum Arabian Journal of Chemistry, vol 4, no. 1, p. 99-103, 2011, ISSN 1878-5352, ISI 1.367, WOS:000290141900013
- Ris.09** Autori **I.Diaconu**,R.Girdea, C. Cristea, G.Nechifor, E. Ruse, E. EftimieTotu
 Titlu *Removal and recovery of somephenolic pollutants using liquid membranes*
 Revista Romanian. Biotehnological. Letters, vol. 15, no. 6, p.5702-5708, 2010, ISSN 1224-5984, ISI 0.219, WOS:000285906800005

- Ris.08** Autori **I. Diaconu**, E. Ruse, E. EftimieTotu, G. Nechifor,
 Titlu *Partition Studies in Biphasic Systems of Nitrophenols*
 Revista Revista de Chimie, vol. 61, no.8, pp. 718-720, 2010, ISSN 0034-7752, ISI 0.693, WOS:000282497600002
- Ris.07** Autori **I. Diaconu**, H.Y. Aboul-Enein, A. Bunaciu, I. G. Tănase
 Titlu *Estimation of Uncertainty for Measuring Codeine Phosphate Tablets Formulation Using UV-Vis Spectrophotometry*
 Revista Analytical Letters vol. 43, no. 7-8, pp. 1207-1216, 2010, ISSN 0003-2719, ISI 0.920, WOS:000277838400013
- Ris.06** Autori **I.Diaconu**, G.Nechifor, A.C. Nechifor, E. Ruse, E. EftimieTotu
 Titlu *The Transport Nitrophenols Through Liquid Membranes*
 Revista Revista de Chimie, vol. 60, no. 12, pp.1243-1246, 2009, ISSN 0034-7752, ISI 0.552, WOS:000274231200001
- Ris.05** Autori E. Eftimie Totu, E. Ruse, **I. Diaconu**, R. Gardea,
 Titlu *On the behaviour of polyimide ion-selective membranes in electrolyte solutions*
 Revista Journal of Optoelectronics and Advanced Materials-RC, vol 3, no.12, pp. 1327-1330, 2009, ISSN 1842-6573, ISI 0.451, WOS:000273207300016
- Ris.04** Autori E.Eftimie Totu, E. Ruse, **I. Ghica Diaconu**
 Titlu *Characterisation of polyimide membranes using thermochemical data*
 Revista Journal of Optoelectronics and Advanced Materials-RC, vol. 3, no. 8, pp. 808-811, 2009, ISSN 1842-6573, ISI 0.451, WOS:000269833700011
- Ris.03** Autori I.L. Popescu, H. Aboul-Enein, I.Gh. Tanase, **I.Ghica**, C. Bala
 Titlu *Validation of a Quantitative Method Determination of Estradiol in Pharmaceutical Products using UV-Vis Molecular Absorption Spectrometry*
 Revista Analytical Letters, vol. 41, no. 18, pp. 3272-3296, 2008, ISSN 0003-2719, ISI 1.281, WOS:000261414500004
- Ris.02** Autori E.EftimieTotu, E.Ruse, **I.Ghica**, D.Manuc
 Titlu *Sensitive device for ions of biological interest*
 Revista Journal of Optoelectronics and Advanced Materials ,vol. 2, no 8, pp.502-506, 2008, ISSN 1842-6573, ISI 0.402, WOS:000258079200011
- Ris.01** Autori E. Ruse, R. Stănescu Dumitru, **I. Ghica**
 Titlu Identification methods for asbestos in powders
 Revista Rev. Chim., vol. 56, no. 4, pp. 336-340, 2005 ISSN 0034-7752, ISI 0.261, WOS:000229981900003

Articole publicate în reviste de specialitate de circulație națională recunoscute de CNCSIS.

(Rns - Reviste de specialitate de circulație națională recunoscute de CNCSIS)

- Rns.04** Autori I.Zaharia, **I.Diaconu**, E Ruse, G. Nechifor
Titlu *Transport and separation through bulk liquid membrane of some biologic active compounds*
Revista Ovidius University Annals of Chemistry, Vol. 23, No. 1, pp.53-57, 2012, ISSN 1223-7221
- Rns.03** Autori **I.Diaconu**, E.Ruse,G.Nechifor
Titlu *Electrolyte influence upon the partition of para-nitrophenol in bi- and tri-phasic system studies*
Revista ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS FASCICLE II, YEAR III (XXXIV), nr special, p-61-68, 2011, ISSN 2067-2071
- Rns.02** Autori I.Gh.Tanase, **I.Ghica**
Titlu *Asigurarea calitatii in laboratoarele de cercetare*
Revista Buletin Eurachem, nr.11, pp.6-12, iulie 2007
- Rns.01** Autori R.Stanescu Dumitru, E.Ruse, S.L.Stanescu, **I.Ghica**
Titlu *FTIR Analysis in Industrial Pollution Monitoring: The Assessment of the Method Performances Using Amiqas Computer Program*
Revista AnaleleUniversitatii din Bucuresti -Chimie, vol .I, pp. 77-82, 2006

Articole publicate în volumele unor manifestări științifice internaționale indexate ISI

(Vis- Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate, indexate ISI Thomson Reuters sau indexate in alte Baze de Date Internationale - BDI specifice domeniului, care fac un proces de selectie a publicatiilor pe baza unor criterii de performanta)

- Vis.02** Autori E. A.Șerban, **I.Diaconu**, E. Ruse, C. M.Mirea, G.Nechifor
Titlu *Assisted transport of indole 3-acetic acid by bulk liquid membranes*
Revista SGEM International Multidisciplinary Scientific GeoConference, SGEM Conference Proceedings, Section Ecology & Environmental Protection, ISSN 1314-2704, DOI:10.5593 /SGEM _GeoConference, ISBN 978-619-7105-66-7, Vol. II, Book 5, pp.133-140 , 2016, Bulgaria.
- Vis.01** Autori E.Eftimie Totu, E.Ruse, **I.Diaconu Ghica**
Titlu *Influence of Aditives on Electrical Characteristics of Ion-Selective Polimeric Membranes*
Volumul Proc. 1st WSEAS International Conference on Material Science, Bucuresti, 7-9 Noiembrie 2008, ISBN: 978-960-474-024-6, ISSN: 1790-2769

Articole publicate în volumele unor manifestări științifice internaționale recunoscute

(Vi - Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate)

- Vi.04** Autori **I. Diaconu**, E. Ruse, G. Nechifor
 Titlu *Facilitated transport of p-aminophenol through liquid membrane*
 Volumul Proc. Romanian International Conference on Chemical Engineering, RICCCCE17, Sinaia, Romania, p.4-8, 2011, ISSN 2247-5389
- Vi.03** Autori P.Szczepanski, **I. Diaconu**
 Titlu *Kinetic model for p-nitrophenol transport through an agitated bulk liquid membrane*
 Volumul Proc. 1st International Conference on Methods and Materials for Separation Processes, Separation Science-Theory and Practice, Kudowa Zdroj, Polonia, p.197, 2011, ISBN 978-83-7493-583-8
- Vi.02** Autori **I. Diaconu**, I. Zaharia, E. Ruse, E. Eftimie Totu, G. Nechifor
 Titlu *The behavior at the transport through bulk liquid membranes of some phenolic pollutants*
 Volumul Proc. 13th Aachen Membran Kolloquium, Aachen, Germania, p. 495-500, 2010, ISBN 978-3-00-032823-7
- Vi.01** Autori **I. Diaconu**, G. Nechifor, E. Ruse, E.E. Totu
 Titlu *Influence of the inorganic factor on the partition equilibrium of the para-nitrophenol in biphasic system*
 Volumul Proc. XXVth International Symposium on Physico-Chemical Methods on Separation "ARS SEPARATORIA 2010", pp. 54-57, 2010, ISBN 978-83-231-2490-0

V BREVETE DE INVENȚIE / INOVAȚII (B,A)

VI. CONTRACTE ȘI RAPORTE ȘTIINȚIFICE (P,F)

Pn.1. Tehnologie integrată de evaluare și reducere a gradului de poluare cu substanțe anorganice din medii apoase (71-106 TEHMAT)

- coordonat de: Universitatea București
- perioada de implementare: 2007- 2010
- program de finanțare: PN II Parteneriate
- rolul în proiect: Cercetător în formare

Pn.2. Nanocompozite polisulfona-polianilina funcționalizate pentru bioanaliza și bioseparări (71-025 NANO-BIO-PAS)

- coordonat de: Universitatea Politehnică București
- perioada de implementare: Octombrie 2007-septembrie 2010
- program de finanțare: PN II Parteneriate
- rolul în proiect: Cercetător în formare

Pn.3. Nanocompozite cu proprietăți electrice și magnetice destinate proceselor separative de înaltă selectivitate (71-034 MEM-SEP-SEL)

- coordonat de: Universitatea Politehnică București
- perioada de implementare: Octombrie 2007-septembrie 2010
- program de finanțare: PN II Parteneriate
- rolul în proiect: Cercetător în formare

Pn.4. Tehnologie avansată de concentrare prin materiale permselective a principiilor bioactive cu acțiune citostatică din extracte de Geranium sp. și Helleborus sp. (62-076 BIO-CITO-EXTRACT)

- coordonat de: Institutul Național de Cercetare-Dezvoltare pentru Științe Biologice
- perioada de implementare: Octombrie 2008-2011

- program de finantare: PN II Parteneriate
- rolul in proiect: Cercetator in formare

Pn.5.Pregătirea competitivă a doctoranzilor în domenii prioritare ale societății bazate pe cunoaștere - ID 7713 (POSDRU/6/1.5/S/19)

- coordonat de: Universitatea Politehnica Bucuresti
- perioada de implementare: Noiembrie 2008-octombrie 2011
- program de finantare: Programul Operational Sectorial - Dezvoltarea Resurselor Umane
- rolul in proiect: doctorand

Pn.6. "Privim către viitor – Formarea profesională a cadrelor didactice pentru utilizarea resurselor informatice modern în predarea eficientă a chimiei (e-Chimie)" (POSDRU/87/1.3/S/61839)

- coordonat de: Universitatea Politehnica Bucuresti
- perioada de implementare: 01.03.2011- 31.08.2012
- program de finantare: Programul Operational Sectorial - Dezvoltarea Resurselor Umane
- rolul in proiect: Expert pe termen lung

Pn7 "Eco-Nanotehnologii de depoluare a apelor si valorificarea deseurilor" (POC P_40_253, Ctr. finantare nr. 130/23.09.2016)

- coordonat de: Universitatea Politehnica Bucuresti
- perioada de implementare 2016- 2020
- program de finantare: Programul Operational Sectorial - Dezvoltarea Resurselor Umane
- rolul in proiect: Expert pe termen lung

POC P_40_253, Ctr. finantare nr. 130/23.09.2016, SMIS 105558, Acronim: ECO-NANO-ECO

VII. COMUNICĂRI ȘTIINȚIFICE NEPUBLICATE (E)

(E – Lucrări prezentate la diferite seminarii/expoziții, conferințe, etc.)

E31	Autori Titlu	Ioana Diaconu, Elena Ruse, Ecaterina Anca Serban MEMBRANE EXTRACTION - TECHNIQUE FOR MONITORING INORGANIC POLLUTANTS
	Conf.	23rd INTERNATIONAL SYMPOSIUM "ENVIRONMENT AND INDUSTRY" SIMI 2020, Bucharest 2021, 24-25 September 2020
E30	Autori Titlu	E. A. Șerban, I. Diaconu, E. Ruse, G. Nechifor MEMBRANE PROCESSES FOR REMOVING ORGANIC POLLUTANTS FROM WASTEWATER
	Conf.	22nd INTERNATIONAL SYMPOSIUM "THE ENVIRONMENT AND THE INDUSTRY", Bucharest, Romania September 26-27, 2019
E29	Autori Titlu	E. A. Șerban, I. Diaconu, E. Ruse, G. Batrănescu, G. Nechifor, GG Vasile Assessment of operational parameters in the process of recovery and separation of pharmaceutical products through the technique of bulk liquid membranes
	Conf.	21st INTERNATIONAL SYMPOSIUM "THE ENVIRONMENT AND THE INDUSTRY", Bucharest, Romania September 20-21, 2018

- E28** Autori E. A. Șerban, **I. Diaconu**, C. M. Mirea, E. Ruse
 Titlu *Influence of physico-chemical on the transport of indole-3-acetic acid through liquid membranes*
 Conf. The first Edition of the Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE I), 12-14 mai 2016, Cluj-Napoca, România:
- E27** Autori E. A. Șerban, **I. Diaconu**, E. E. Totu, C. M. Mirea, E. Ruse, G.Nechifor
 Titlu *Bulk Liquid Membrane Concentrating Technique Applied For Compound Used In Medical Applications*
 Conf. The 3rd International Conference on Analytical Chemistry – Analytical Chemistry for a Better Life, 28 – 31 august 2016, Iași, România
- E26** Autori Cristina Monica MIREA, Ioana DIACONU, Ecaterina Anca SERBAN, Elena RUSE, Gheorghe NECHIFOR
 Titlu *Competitive Transport Of Fe(III) And Mn(II) Ions Through Bulk Liquid Membranes*
 Conf. The 3rd International Conference on Methods and Materials for Separation Processes – SSTP 2015, 6 – 10 septembrie 2015, Karpacz, Polonia:
- E25** Autori **I. Diaconu**, C. M. Mirea, E. Ruse, G.Nechifor
 Titlu *Selective recovery of phenolic derivatives through the technique of liquid membrane*
 Conf. 2nd International Conference on Chemical Engineering (ICCE 2014) 5-8 noiembrie 2014 Iași, România
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Semnatura

