

LISTA DE LUCRĂRI ȘTIINȚIFICE
Candidat: RUSU AURA, Conferențiar doctor abilitat

a) Teza de abilitare și teza de doctorat

a₁. Teza de abilitare

Titlul: Contribuții la studiul unor complecși cu argint ai fluorochinolonelor și la dezvoltarea unor metode de electroforeză capilară pentru substanțe de interes farmaceutic

Anul susținerii: 2017, 24 noiembrie, Ordinul Ministrului Educației Naționale Nr. 5832/27.12.2017 privind acordarea atestatului de abilitare, în domeniul de studii universitare de doctorat Farmacie

a₂. Teza de doctorat

Titlu: Cercetări privind caracterizarea fizico-chimică a derivaților de chinolonă prin metode de analiză optimizate

Anul susținerii: 2012, 7 decembrie; *Conducător științific:* Prof. dr. Gyéresi Árpád

Instituția eliberatoare a diplomei de doctor: Universitatea de Medicină și Farmacie din Târgu Mureș, Ordin M.Ed.C.T. din 20.06.2013 (3930MD), în domeniul de specialitate Farmacie; *Calificativ obținut:* foarte bine

b) Cărți de specialitate:

Autor principal, de la ultima promovare:

1. Kelemen H. Hancu G. **Rusu A.** *Chimie farmaceutică. Aspecte practice, volumul I, ediția a 2-a revizuită și completată*, Editura University Press, Târgu Mureș, 2019, 218 pg, ISBN 978-973-169-578-5, cod CNCSIS 210
2. **Rusu A.** Hancu G. *Chimie farmaceutică. Sulfonamide antibacteriene și antibiotice β -lactamice*, Editura University Press, Târgu Mureș, 2016, 239 pg, ISBN 978-973-169-466-5, cod CNCSIS 210
3. Kelemen H. Hancu G. **Rusu A.** *Chimie farmaceutică. Aspecte practice, volumul II*, Editura University Press, Târgu Mureș, 2016, 231 pg, ISBN 978-973-169-407-8, 978-973-169-451-1, cod CNCSIS 210

Înainte de ultima promovare:

4. Kelemen H. Hancu G. **Rusu A.** *Chimie farmaceutică. Aspecte practice, volumul I*, Editura University Press, Târgu Mureș, 2015, 215 pg, ISBN 978-973-169-408-5, cod CNCSIS 210 (autor principal)
5. Popovici I. Lupuleasa D. Ochiuz L. (autori principali), **Rusu A.** (autor contributor), *Dicționar farmaceutic, Ediția a III-a*, Editura Polirom, Iași, 2014, 944 pg, ISBN print 978-973-46-4383-7, cod CNCS 52
6. **Rusu A.** Pașca M.D. Hancu G. *Ghidul farmacistului în comunicarea cu pacientul, Ediția a II-a revizuită și adăugită*, Editura University Press Târgu Mureș, 2014, 226 pg, ISBN 978-973-169-286-9, cod CNCS 210 (autor principal)

7. **Rusu A.** Uivaroși V. *Chinolone antibacteriene – evoluție și perspective de dezvoltare.* Editura Medicală, București, 2013, 307 pg, ISBN 978-973-39-0760-2, cod CNCS 167 (autor principal)
8. **Rusu A.** Pașca M.D. Hancu G. *Ghidul farmacistului în comunicarea cu pacientul.* Editura University Press Târgu Mureș, 2011, 200 pg, ISBN 978-973-169-160-2, cod CNCS 210 (autor principal)
9. *Activitatea în farmacie - ghid pentru desfășurarea stagiului practic destinat studenților anului V*, Ciurba A. (coordinator), Editura University Press Târgu Mureș, 2010, 206 pg, ISBN 978-973-169-133-6, cod CNCSIS 210 (autor - 1 capitol din volum, co-autor 1 capitol)

c) Capitole în volume colective:

1. **Rusu A.** *Tehnici de comunicare cu pacientul în farmacie (Cap.5.1.)*, în *Activitatea în farmacie: ghid pentru desfășurarea stagiului practic în farmacie destinat studenților anului V* (sub redacția Ciurba A). Editura University Press Târgu Mureș, 2010, pg 185-190, ISBN 978-973-169-133-6, cod CNCS 210
2. Kelemen H. **Rusu A.** *Cunoașterea spectrului de medicamente esențial prin prisma formelor, dozelor și căilor de administrare (Cap. 3.4.)*, în *Activitatea în farmacie: ghid pentru desfășurarea stagiului practic în farmacie destinat studenților anului V* (sub redacția Ciurba A), Editura University Press Târgu Mureș, 2010, pg 155-162, ISBN 978-973-169-133-6, cod CNCS 210

c bis) Material didactic fără ISBN:

Ciurba A. Todoran N. Sipos E. Vari C.E. **Rusu A.** *Caiet de abilități practice pentru Facultatea de Farmacie*, Editura University Press Târgu Mureș, 2013, 120 pg

d) Articole publicate in extenso în reviste cotate ISI

Total 29 articole (14 autor principal, 15 coautor)

d₁. Articole publicate în reviste cotate ISI, cu FI (total FI = 40,518)

Total: 26 articole cu FI, din care 13 autor principal (din care 9, prim autor) și 13 coautor

De la ultima promovare: 16 articole

1. Budău M. Hancu G. **Rusu A.** Muntean D.L. *Analytical methodologies for the enantiodetermination of citalopram and its metabolites*, Chirality 2019, 1-10, DOI: 10.1002/chir.23139, FI:1,927
2. **Rusu A.** Antonoaea P. Ciurba A. Bîrsan M. Hancu G. Todoran N. *Development of a rapid capillary zone electrophoresis method to quantify levofloxacin and meloxicam from transdermal therapeutic systems*, Studia UBB Chemia 2019, LXIV, 1, 219-231, DOI: 10.24193/subbchem.2019.1.18, ISSN 1224-7154 printed edition, ISSN 2065-9520 online edition, FI:0,275
3. Todoran N. Antonoaea P. **Rusu A.** Ciurba A. Bîrsan M. Redai E. *DSC and FT-IR Analysis for the Formulation of Dermal Films with Meloxicam in Bioadhesive Polymeric Matrices*, Revista de Chimie 2018, 69(12): 3692-3697;

http://www.revistadechimie.ro/article_eng.asp?ID=6821, ISSN 2537-5733, ISSN-L 1582-9049, FI 1,605

4. **Rusu A.** Vari C.-E. Hancu G. Pașca M.D. Botezatu R. Cucoranu D. Muntean D.L. *Brief Assessment of Pharmacist-Patient Communication Efficiency in Romanian Pharmacies*, Farmacia 2018, 66(6): 1091-1098, ISSN: 0014-8237 (printed edition), ISSN: 2065-0019 (on-line edition), DOI: [HTTP://DOI.ORG/10.31925/FARMACIA.2018.6.25](http://DOI.ORG/10.31925/FARMACIA.2018.6.25) FI: 1,527
5. Bîrsan M. Apostu M. Todoran N. Antonoaea P. **Rusu A.** Ciurba A. *Development of Dermal Films Containing Miconazole Nitrate*, Molecules 2018, 23, 1640; doi:10.3390/molecules23071640, FI: 3,060, zona galbenă
6. Hancu G. Budău M. Muntean D.L. Gagyi L. **Rusu A.** *Capillary electrophoresis in the enantioseparation of modern antidepressants: An overview*, Biomedical Chromatography 2018, 32(11): e4335 doi: 10.1002/bmc.4335. ISSN: 0269-3879, eISSN: 1099-0801, FI: 1,748
7. Szabó Z.-I. Deme R. Mucsi Z. **Rusu A.** Mare A.D. Fiser B. Toma F. Sipos E. Tóth G. *Equilibrium, structural and antibacterial characterization of moxifloxacin- β -cyclodextrin complex*, Journal of Molecular Structure 2018, 1166: 228–236; ISSN: 0022-2860, doi:10.1016/j.molstruc.2018.04.045, ISSN: 0022-2860, eISSN: 1872-8014, FI: 2,120
8. Hancu G. Cârdu-Dobrin M. Budău M. **Rusu A.** *Analytical methodologies for the stereoselective determination of fluoxetine: an overview*, Biomedical Chromatography 2017, 32(1), doi: 10.1002/bmc.4040. ISSN: 0269-3879, eISSN: 1099-0801, FI: 1,688
9. **Rusu A.** Hancu G. Berța L. Vari C.E. *Determination of letrozole, anastrozole and exemestane by capillary zone electrophoresis*, Studia UBB Chemia 2017, LXII, 3: 251-264, DOI:10.24193/subbchem.2017.3.21, ISSN 1224-7154 printed edition, ISSN 2065-9520 online edition, FI: 0,305
10. Budău M. Hancu G. Szabó Z.I. Kelemen H. **Rusu A.** Muntean D.L. Cârje A.G. *Captisol® as chiral selector in capillary electrophoresis of non-acidic drugs*, J. Chil. Chem. Soc. 2017, 62(3): 3562-3567; ISSN 0717-9707 online version, ISSN 0717-9324 print version, FI: 0,463
11. Tilinca M. Hancu G. Mircia E. Iriminescu D. **Rusu A.** Vlad R.A. Barabás E. *Simultaneous determination of isoniazid and rifampicin by UV spectrophotometry*, Farmacia 2017, 65(2): 219-224, ISSN: 0014-8237 (printed edition), ISSN: 2065-0019 (on-line edition), FI: 1,507
12. **Rusu A.** Hancu G. Munteanu A.C. Uivarosi V. *Development perspectives of silver complexes with antibacterial quinolones: Successful or not?* Journal of Organometallic Chemistry 2017, 839: 19-30, ISSN: 0022-328X, doi: 10.1016/j.jorganchem.2017.02.023, FI: 1,946 zona galbenă
13. Berța (Grama) L. Boda F. Borodi G. **Rusu A.** Kelemen H. Man A. Mare A. Gâz-Florea Ș.-A. *Two new sandwich-type compounds based on {AsW₉} with Pd²⁺ and Pt⁴⁺ cations – synthesis, characterization and antibacterial activity*, Farmacia 2017, 65(1): 63-68, ISSN: 0014-8237 (printed edition), ISSN: 2065-0019 (on-line edition), FI: 1,507

14. Cârçu-Dobrin M. Budău M. Hancu G. Gagy L. **Rusu A.** Kelemen H. *Enantioselective analysis of fluoxetine in pharmaceutical formulations by capillary zone electrophoresis*, Saudi Pharmaceutical Journal 2017, 25: 397–403, ISSN: 1319-0164, FI: 3,11 (zona galbenă)
15. **Rusu A.** Hancu G. Tóth G. Toma F. Mare A.D. Man A. Velescu B.S. Uivarosi V. *Synthesis, characterization and microbiological activity evaluation of two silver complexes with norfloxacin*, Farmacia 2016, 64(6): 922-932, ISSN: 0014-8237 (printed edition), ISSN: 2065-0019 (on-line edition), WOS:000390632700020, FI: 1,348
16. **Rusu A.** Hancu G. Tóth G. Vancea S. Toma F. Mare A.D. Man A. Nițulescu G.M. Uivarosi V. *New silver complexes with levofloxacin: Synthesis, characterization and microbiological studies*, Journal of Molecular Structure 2016, 1123: 384-393, ISSN: 0022-2860, 2016, 1123: 384–393, FI: 1,753

Înainte de ultima promovare:

17. Pașca M.D. Hancu G. Soare R. Budău M. **Rusu A.** *Logistic and constructive attitude perception of pharmacist students towards medicine*, Farmacia 2015, 5: 720-725, ISSN: 0014-8237 (printed edition), ISSN: 2065-0019 (on-line edition), FI: 1,162
18. Muntean D.L. Hancu G. Kelemen H. **Rusu A.** Ciurba A. *Cyclodextrine Screening for the Chiral Separation of Beta-blocker Derivatives*, Rev Chim (București) 2015, 66: 1019-1023, ISSN: 0034-7752, FI: 0,956
19. Hancu G. Papp L.A. **Rusu A.** *Chiral Separation of the Enantiomers of Omeprazole and Pantoprazole by Capillary Electrophoresis*. Chromatographia 2015, 78: 279-284, DOI 10.1007/s10337-014-2827-1, ISSN: 0009-5893 (printed version), ISSN: 1612-1112 (electronic version), FI: 1,332
20. **Rusu A.** Hancu G. Uivarosi V. *Fluoroquinolone pollution of food, water and soil, and bacterial resistance*, Environmental Chemistry Letters 2015, DOI 10.1007/s10311-014-0481-3, ISSN: 1610-3653 (print version), ISSN: 1610-3661 (electronic version) 13: 21-36, FI: 2,918 (zona galbenă)
21. Hancu G. Sămărghișan C. **Rusu A.** Mircia E. *Sotalol chiral separation by capillary electrophoresis*. J Chil Chem Soc 2014, 59: 2559 – 2562, ISSN 0717-9707, FI: 0,353
22. **Rusu A.** Hancu G. Völgyi G. Tóth G. Noszál B. Gyéresi A. *Separation and Determination of Quinolone Antibacterials by Capillary Electrophoresis*. J Chromatogr Sci 2014, 52: 919-925, DOI: 10.1093/chromsci/bmt107, ISSN 0021-9665 FI: 1,363
23. Hancu G. Kelemen H. **Rusu A.** Gyéresi A. *Development of capillary electrophoresis method for the simultaneous determination of cephalosporins*, J Serb Chem Soc 2013, 98: 1413-1423, ISSN 0352-5139 (Print) ISSN 1820-7421 (Online), FI: 0,889
24. Tóth G. Mohácsi R. Rácz A. **Rusu A.** Horváth P. Szente L. Béni S. Noszál B. *Equilibrium and structural characterization of ofloxacin-cyclodextrin complexation*. J Inclusion Phenom Macrocyclic Chem 2013, 77: 291-300, ISSN: 0923-0750 (print version) ISSN: 1573-1111 (electronic version), zona galbenă FI: 1,426

25. **Rusu A.** Tóth G. Szócs L. Kökösi J. Kraszni M, Gyéresi Á. Noszál B. *Triprotic site-specific acid–base equilibria and related properties of fluoroquinolone antibacterials.* J Pharm Biomed Anal 2012, 66: 50– 57, ISSN 0731-7085, FI: 2,947
26. Hancu G. **Rusu A.** Simon B. Boia G. Gyéresi Á. *Simultaneous Separation of Ciprofloxacin, Norfloxacin and Ofloxacin by Micellar Electrokinetic Chromatography.* J Braz Chem Soc 2012, 23: 1889-1894, ISSN 0103-5053 (print version) ISSN 1678-4790 (on-line version), FI: 1,283

d₂. Articole publicate în reviste cotate ISI, fără FI

Total: 3 articole fără factor de impact (1 autor principal, 2 coautor)

De la ultima promovare (2 articole):

27. **Rusu A.** Hancu G. Imre S., *Essential Guide of Analysis Methods Applied to Silver Complexes with Antibacterial Quinolones.* Adv. Pharm. Bull. 2018, 8(2): 181-189, doi: doi: 10.15171/apb.2018.022, ISI fără factor de impact
28. Budău M. Hancu G. **Rusu A.** Cârdu-Dobrin M. Muntean D.L., *Chirality of Modern Antidepressants: An Overview,* Adv. Pharm. Bull. 2017, 7(4): 495-500, doi: 10.15171/apb.2017.061, ISI fără factor de impact

Înainte de ultima promovare:

29. Hancu G. Sasebeşi A. **Rusu A.** Kelemen H. Ciurba A. *Study of the Electrophoretic Behavior of Cephalosporins by Capillary Zone Electrophoresis.* Adv Pharm Bull 2015, 5:223-229. doi: 10.15171/apb.2015.031, ISSN: 2228-5881, ISI fără factor de impact

d₃. Articole publicate în reviste indexate în BDI

Total: 20 de articole (10 autor principal, 10 coautor)

De la ultima promovare – 6 articole

1. Moldovan O.-L. Brihan D.-N. Todoran N. **Rusu A.** *Thin layer chromatographic compatibility study in preformulation of new transdermal therapeutic systems,* Acta Medica Marisiensis, 2020, 66(1): xx-xx (in press) ISSN: 2247-6113, DOI: 10.2478/amma-2020-0004, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
2. **Rusu A.** Sbanca M.-A. Todoran N. Vari C.-E. *Letrozole Determination by Capillary Zone Electrophoresis and UV Spectrophotometry Methods,* Acta Medica Marisiensis, 2017, 63(2): 80-86, ISSN 2068-3324, online: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
3. Iriminescu D. Cârdu-Dobrin M. Hancu G. Mircia E. Kelemen H. **Rusu A.** Tilinca M. *Simultaneous determination of isoniazid and rifampicin by micellar electrokinetic chromatography,* Studia Universitatis "Vasile Goldiș" Seria Științele Vieții (Life Sciences Series), 2016, 26 (3): 353-357, DOI: <http://www.studiauniversitatis.ro/pdf/26-2016/26-3-2016/8-%20D.I.-%20%20353-357.pdf> , ISSN: 1584-2363
4. Kelemen H. Hancu G. **Rusu A.** Varga E. Székely Szentmiklósi B. *Prodrug Strategy in Drug Development,* Acta Medica Marisiensis, 2016, 62: 356-362, DOI: 10.1515/amma-2016-0032 ISSN: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

5. Mircia E. Hancu G. **Rusu A.** Cazacu A. Balaci T. Soare R. *Determination of HMG-CoA reductase inhibitors by micellar electrokinetic chromatography*, Acta Medica Marisiensis, 2016, 62: 187-191 ISSN: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
6. Pașca MD. **Rusu A.** Budău M. Hancu G. *Communications of pharmacist with the patients with disabilities*, Therapeutics Pharmacology and Clinical Toxicology 2016, XX, 3: 97-99, ISSN 2066-0170, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/a9h-journals.pdf>

Înainte de ultima promovare:

7. **Rusu A.** Popescu G.-C. Imre S. Ion V. Vancea S. Grama A.-L. Kelemen H. Hancu G. *A New Silver Complex with Ofloxacin – Preliminary Study*, Acta Medica Marisiensis, 2016, 62: 192-198, ISSN: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
8. Hancu G. Tero-Vescan A. **Rusu A.** *Capillary electrophoresis in the analysis of polyunsaturated fatty acids*, Acta Medica Marisiensis, 2015, 61: 378-381, ISSN: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
9. **Rusu A.** Imre S. Mircia E. Hancu G. *Quinolone Antibacterials: Commentary and Considerations Regarding UV Spectra and Chemical Structure*, Acta Medica Marisiensis, 2015, 61: 328-336, ISSN: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
10. Gorea D. Hancu G. **Rusu A.** Cârje A. Barabas E. *Quality assessment indicators of surface waters and soil in the vicinity of the former sulfur mine in the Calimani Mountains*, Forum geografic. Studii și cercetări de geografie și protecția mediului, 2014, volum XIII, 2:212-218, doi: 10.5775/fg.2067-4635.2014.166.d, ISSN 1583-1523 Indexare BDI: Scopus, EBSCO - Academic Search Complete, ProQuest - Scientific Journals Database
11. Hancu G. Budău M. Papp L.A. **Rusu A.** Mircia E. *Chiral separation of cetirizine enantiomers by cyclodextrin mediated capillary electrophoresis*, Indonesian J. Pharm., 2014, 25: 223–229, ISSN-p: 2338-9427, DOI: 10.14499/indonesianjpharm25iss4pp223 Indexare BDI: Google Scholar, Index Copernicus.
12. **Rusu A.** Hancu G. Gyéresi Á. *Development of a Capillary Electrophoresis Method for the Separation of Fluoroquinolone Derivatives in Acidic Background Electrolyte*. Acta Medica Marisiensis, 2014, 60: 109-115, ISSN: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
13. Hancu G. Câmpian C. **Rusu A.** Mircia E. Kelemen H. *Simultaneous Determination of Loratadine, Desloratadine and Cetirizine by Capillary Zone Electrophoresis*, Adv Pharm Bull, 2014, 4: 161-165, ISSN: 2228-5881, Indexare BDI: National Library Catalog (NLM) <https://www.ncbi.nlm.nih.gov/nlmcatalog/101578021>, Chemical Abstracts CAS, WorldCat. vizibil în fluxul WOS
14. Hancu G. Simon B. **Rusu A.** Mircia E. Gyeresi A. *Principles of Micellar Electrokinetic Capillary Chromatography Applied in Pharmaceutical Analysis*, Adv Pharm Bull, 2013, 3:1-8, ISSN: 2228-5881, Indexare BDI: National Library Catalog (NLM)

- <https://www.ncbi.nlm.nih.gov/nlmcatalog/101578021>, Chemical Abstracts CAS, WorldCat. vizibil în fluxul WOS
15. Hancu G. Simon B. Kelemen H. **Rusu A.** Mircia E. Gyéresi A. *Thin layer chromatographic analysis of beta-lactam antibiotics*, Adv Pharm Bull 2013, 3: 367-371, ISSN: 2228-5881, Indexare BDI: National Library Catalog (NLM) <https://www.ncbi.nlm.nih.gov/nlmcatalog/101578021>, Chemical Abstracts CAS, WorldCat. vizibil în fluxul WOS
 16. **Rusu A.** Hancu G. Gyéresi Á. *Optimization of a capillary electrophoresis method for the separation of quinolone derivates*. Acta Medica Marisiensis, 2011, 57: 236-239, ISSN: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
 17. **Rusu A.** Gyéresi A. Hancu G. *New perspectives: quinolones as complexation agents*, Acta Medica Marisiensis 2011, 57: 149-154, ISSN: 2247-6113, Indexare BDI: EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
 18. Hancu G. Fülöp E. **Rusu A.** Mircia E. Gyéresi Á. *Thin layer chromatographic separation of benzodiazepine derivates*, Analele Universității din Bucuresti – Chimie (serie nouă), 2011, 19: 83 – 90, ISSN: 1220-871X, Electronic version ISSN: 1844-0401, Indexare BDI: Index Copernicus, <http://www.journals.indexcopernicus.com/passport.php>, Caplus – Chemical Abstracts Service, DOAJ – Directory of Open Access Journals.
 19. **Rusu A.** Merdar M. Hancu G. Gyéresi Á. *Thin-layer chromatographic study regarding the separation of some quinolone derivatives*, Medicine in evolution 2011, XVII 3: 61-65, Congresul TimMedica, Timisoara, 16-18 iunie 2011, Indexare BDI: Index Copernicus, ISSN 2065-376X <http://www.journals.indexcopernicus.com/passport.php?action=masterlist&id=5175>
 20. **Rusu A.** Hancu G. Pașca MD. *Aspects of adherence to treatment in community pharmacy*, Therapeutics Pharmacology and Clinical Toxicology 2010, XIV, 3: 217-223, ISSN 2066-0170, Indexare BDI: EBSCOhost <http://www.ebscohost.com/titleLists/a9h-journals.pdf>, National Library Catalog (NLM), Index Copernicus.

e) Articole publicate în rezumat în reviste și volumele unor manifestări științifice, cu ISBN sau ISSN

Total: 56 rezumate (17 prim autor)

De la ultima promovare:

1. **Rusu A.** Uncu L. *Modern aspects of drug discovery through rational design*, Scientific Session of University Academic Staff, December 9-14, 2019, Targu Mures, Book of Abstracts, 2(43), 2019, ISSN 2602-1609, ISSN-L 2602-1609
2. Birsan M. Antonoaea P. Vlad R.A. Silasi O. Todoran N. **Rusu A.** Ciurba A. *Testing the clinical effectiveness of a cosmeceutical antiaging product*, Scientific Session of University Academic Staff, December 10th-14th, 2018, Targu Mures, Book of Abstracts, 1(69), 2018, ISSN 2602-1609, ISSN-L 2602-1609

3. Redai E. Berta L.-A. Ciurba A. Antonoaea P. Birsan M. Todoran N. **Rusu A.** *Compatibility study of adapalene with hydrophilic cellulose polymers*, Scientific Session of University Academic Staff, December 10th-14th, 2018, Targu Mures, Book of Abstracts, 1(98), 2018, ISSN 2602-1609, ISSN-L 2602-1609
4. Lungu I.-A. Uivarosi V. Imre S. Mare A.D. **Rusu A.** *Levofloxacin triflate – synthesis, characterization an microbiological activity assessment*, The 11th Conference of Ph.D. Students and Young Doctors, 11th December 2018, Targu Mures, Book of Abstracts 1(109), 2018, ISSN 2602-1609, ISSN-L 2602-1609
5. Tănase C. **Rusu A.** Todoran N. *Meloxicam - an Update of Results about Potential Skin Interactions*, The 17th International Symposium Prospects for 3rd Millenium Agriculture 27th – 29th September, 2018, 5(355), 2018, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania, ISSN: 2392-6937, ISSN-L:2392-6937
6. **Rusu A.** Bîrsan M. Donath-Nagy G. Todoran N. *DSC compatibility study in binary physical mixtures of adapalene, levofloxacin, meloxicam and miconazole*, 12th Central European Symposium on Pharmaceutical Technology and Regulatory Affaires and Satellite Symposium on Pharmaceutical Botechnology, 20-22 September 2018, Szeged, Hungary, Book of Abstracts, Acta Pharmaceutica Hungarica, 3:116, ISSN 001-6659, Indexare Web of Science, PubMed (revistă ISI fără FI)
7. Redai E. Antonoaea P. Todoran N. Ciurba A. **Rusu A.** *DSC evaluation of ethylcellulose as dispersion modulator for including oxicams in hypromellose matrices developed for dermal use*, 12th Central European Symposium on Pharmaceutical Technology and Regulatory Affaires and Satellite Symposium on Pharmaceutical Botechnology, 20-22 September 2018, Szeged, Hungary, Book of Abstracts, Acta Pharmaceutica Hungarica, 3:117, ISSN 001-6659, Indexare Web of Science, PubMed (revistă ISI fără FI)
8. Hancu G. Kelemen H. **Rusu A.** Székely-Szentmiklósi B. Papp L.A. *Applications of capillary electrophoresis for the analysis of pharmaceutical substances from fixed dose combinations used in cardiovascular diseases*, 18th International Symposium and Summer School of Bioanalysis, J. Selye University, Komárno, Slovak Republic, June 25 – 30, 2018, Program and Abstract Book, pg 30, ISBN 978-80-8122-241-2
9. Budău M. Hancu G. Cârceu-Dobrin M. **Rusu A.** Muntean D.L. *Chirality study of modern antidepressants*, 18th International Symposium and Summer School of Bioanalysis, J. Selye University, Komárno, Slovak Republic, June 25 – 30, 2018, Program and Abstract Book, pg 51, ISBN 978-80-8122-241-2
10. **Rusu A.** Hancu G. Sbanca M.-A. Vari C.E., *Capillary Zone Electrophoresis Applicability for Determination of Some Aromatase Inhibitors*, Scientific Session of University Educational Staff, 11-15 December 2017, Book of Abstracts, Acta Medica Marisiensis, 63(4): 49, ISSN-L/ISSN 2068-3324
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