

LISTA LUCRĂRILOR ȘTIINȚIFICE 2011-2015

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Cărți apărute în edituri internaționale/naționale- recunoscute CNCS

	Titlu carte	Nume, prenume autor (i)	Editura, localitatea	Anul	ISBN
1	Chimie farmaceutică. Aspecte practice, volumul I	Kelemen Hajnal, Hancu Gabriel , Rusu Aura	Editura University Press Tîrgu Mureș	2015	978-973-169-408-5
2	Ghidul farmacistului în comunicarea cu pacientul. ediția a II-a revizuită și completată	Rusu Aura, Pașca Maria Dorina, Hancu Gabriel	Editura University Press Tîrgu Mureș	2014	978-973-169-286-9
3	Aproape totul despre benzodiazepine	Hancu Gabriel	Editura University Press Tîrgu Mureș	2013	978-973-169-267-8
4	Ghidul farmacistului în comunicarea cu pacientul	Rusu Aura, Pașca Maria Dorina, Hancu Gabriel	Editura University Press Tîrgu Mureș	2011	978-973-169-160-2

Articole in extenso, publicate în reviste cotate ISI cu factor de impact

	Titlu articol	Nume, prenume autor (i) articol	Titlu, revistă cotate ISI, nr. vol, an, pg	Factor de impact
1	Enantiomeric separation of sibutramine by capillary zone electrophoresis	Hancu Gabriel , Hilochie Alexandra, Vlad Robert-Alexandru, Cârje Anca, Tero-Vescan Amelia	Journal of the Brazilian Chemical Society, publicat online, 2015, http://dx.doi.org/10.5935/0103-5053.20150359	1,129
2	Chiral separation of the enantiomers of omeprazole and pantoprazole by capillary electrophoresis	Hancu Gabriel , Papp Lajos Attila, Rusu Aura	Chromatographia, 2015, 78: 279-284	1,411
3	Cyclodextrine screening for the chiral separation of carvedilol by capillary electrophoresis	Hancu Gabriel , Cârje Anca, Iuga Ileana, Fülöp Ibolya, Szabó Zoltán István	Iranian Journal of Pharmaceutical Research, 2015, 14(2): 425-433	1,065
4	Fluoroquinolone pollution of food, water and soil, and bacterial resistance	Rusu Aura, Hancu Gabriel (autor corespondent), Uivaroși Valentina	Environmental Chemistry Letters, 2015, 13: 21-26	2,573
5	Simultaneous chiral separation of four H1-antihistamines by capillary zone electrophoresis using a dual cyclodextrin system	Szabó Zoltán István, Tóth Csaba, Hancu Gabriel (autor corespondent), Muntean Daniela Lucia	Chromatographia, 2015, 78(21): 1377-1384	1,411
6	Logistic and constructive attitude perception of pharmacy students towards medicine.	Pașca Maria Dorina, Hancu Gabriel (autor corespondent), Soare Ruxandra, Budău Monica, Rusu Aura	Farmacia, 2015, 63(5): 720-725	1,005
7	Cyclodextrine screening for the chiral separation of beta-blockers	Muntean Daniela Lucia, Hancu Gabriel (autor	Revista de Chimie, 2015, 66(7): 1019-1023	0,810

	derivatives	corespondent), Kelemen Hajnal, Rusu Aura, Ciurba Adriana		
8	Chiral separation of asenapine enantiomers by capillary electrophoresis applying different cyclodextrin derivatives and characterization of cyclodextrin complexes by NMR spectroscopy and mass spectrometry	Szabó Zoltán István, Tóth Gergő, Völgyi Gergely, Komjáti Béni, Hancu Gabriel , Szente Lajos, Sohajda Tamás, Béni Szabolcs, Muntean Daniela Lucia, Noszál Béla	Journal of Pharmaceutical and Biomedical Analysis, 2016, 117, 398-404	2,979
9	Attitude of patients and customers regarding purchasing drugs online	Székely Pal, Kelemen Laszlo, Fittler Attila, Hancu Gabriel , Finta Hajnal, Ciurba Adriana, Sipos Emese, Botz Lajos	Farmacia, 2015, 63(1): 93-98	1,005
10	Sotalol chiral separation by capillary electrophoresis	Hancu Gabriel , Sămărghișan Claudia, Rusu Aura, Mircia Eleonora.	Journal of Chilean Chemical Society 2014, 59(3): 2559-2562	0,353
11	Development of new formulation and its evaluation by capillary electrophoresis of tablets containing tramadol hydrochloride and paracetamol	Ciurba Adriana, Hancu Gabriel (autor corespondent), Cojocea Livia, Sipos Emese, Todoran Nicoleta	Pharmaceutical Development and Technology 2014, 19(7): 833-838	1,335
12	Separation and determination of quinolone antibacterials by capillary electrophoresis	Rusu Aura, Hancu Gabriel (autor corespondent), Völgyi Gergely, Tóth Gergő, Noszál Béla, Gyéresi Árpád	Journal of Chromatographic Science 2014, 52(8): 919-925	1,363
13	Application of capillary electrophoresis to the simultaneous determination and stability studies of four extensively used penicillin derivatives	Simon Brigitta, Hancu Gabriel (autor corespondent), Gyéresi Árpád	Brazilian Journal of Pharmaceutical Sciences 2014, 50(3): 521-527	0.264
14	Kinetic analysis of in vitro drug release from valproic acid and sodium valproate suppositories	Ciurba Adriana, Todoran Nicoleta, Tăurean Alexandra, Antonoaea Paula, Hancu Gabriel , Moisei Anca, Sipos Emese	Farmacia, 2014, 62(6): 1143- 1156	1,005
15	Development of capillary electrophoresis method for the simultaneous determination of cephalosporins	Hancu Gabriel , Kelemen Hajnal, Rusu Aura, Gyéresi Árpád	Journal of Serbian Chemical Society 2013, 78(9): 1413-1423	0,889
16	New modified release tablets with pentoxifylline based on lipohilic matrix. Note 2. Stability study of the active substance from the proposed formulation	Mircia Eleonora, Imre Silvia, Sipos Emese, Avrigeanu Veronica, Hancu Gabriel (autor corespondent), Ivanovits Barna, Balaci	Farmacia 2013, 61(6): 1186- 1193	1,251

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17	Simultaneous separation of ciprofloxacin, norfloxacin and ofloxacin by micellar electrokinetic chromatography	Hancu Gabriel , Rusu Aura, Simon Brigitta, Boia Georgiana, Gyéresi Árpád	Journal of Brazilian Chemical Society 2012, 23(10): 1889-1894	1,283
18	New modified release tablets with pentoxifylline based on lipophilic matrix. Note 1. Formulation, physical study and determination of dissolution profiles of the active substance from the proposed formulations	Mircia Eleonora, Imre Silvia, Sipos Emese, Avrigeanu Veronica, Hancu Gabriel (autor corespondent), Ivanovits Barna, Balaci Teodora	Farmacia 2012, 60(2): 218-226	0,578
19	Separation of 1,4-benzodiazepine derivatives by micellar electrokinetic chromatography using cyclodextrines as buffer modifiers	Hancu Gabriel , Gyéresi Árpád	Croatica Chemica Acta 2011, 84(3): 349-353	0,763

Article in extenso publicate in reviste indexate BDI

	Titlu articol	Nume, prenume autor (i) articol	Revistă indexată BDI, vol, pg	Denumire Bază de date BDI
1	Capillary electrophoresis in the analysis of polysaturated fatty acids	Hancu Gabriel , Tero-Vescan Amelia, Filip Cristina, Rusu Aura	Acta Medica Marisiensis, 2015, 61(4): 378-381	De Gruyter
2	Commentary and considerations regarding UV spectra and chemical structure	Rusu Aura, Imre Silvia, Mircia Eleonora, Hancu Gabriel	Acta Medica Marisiensis, 2015, 61(4): 328-336	De Gruyter
3	Determination of Omega-3/Omega-6 ratio in swine brain homogenate as an animal model for human nervous tissue	Tero-Vescan Amelia, Osz Bianca-Eugenia, Vari Camil-Eugen, Imre Silvia, Hancu Gabriel	Acta Medica Marisiensis, publicat online, 2015, doi: 10.1515/amma-2015-0093	De Gruyter
4	A new silver complex with ofloxacin – preliminary study	Rusu Aura, Popescu Gabriel, Imre Silvia, Ion Valentin, Vancea Szende, Grama Lavinia, Kelemen Hajnal, Hancu Gabriel	Acta Medica Marisiensis, publicat online, 2015, doi: 10.1515/amma-2015-0091	De Gruyter
5	Study of the electrophoretic behavior of cephalosporins by capillary zone electrophoresis	Hancu Gabriel , Sasebeși Adina, Rusu Aura, Kelemen Hajnal, Ciurba Adriana	Advanced Pharmaceutical Bulletin, 2015, 5(2): 223-229	ISI Web of Science, SCOPUS
6	Cyclodextrine screening for the chiral separation of amlodipine enantiomers by capillary electrophoresis	Hancu Gabriel , Budău Monica, Kántor Lajos Kristoff, Cârje Anca	Advanced Pharmaceutical Bulletin, 2015, 5(1): 35-40	ISI Web of Science, SCOPUS
7	Chiral separation of cetirizine enantiomers by cyclodextrin mediated capillary electrophoresis	Hancu Gabriel , Budău Monica, Papp Lajos Attila, Rusu Aura, Mircia Eleonora	Indonesian Journal of Pharmacy 2014, 25(4): 223-229	Index Copernicus
8	Simultaneous determination of loratadine,	Hancu Gabriel ,	Advanced	ISI Web of

	desloratadine and cetirizine by capillary zone electrophoresis	Câmpian Camelia, Rusu Aura, Mircea Eleonora, Kelemen Hajnal	Pharmaceutical Bulletin 2014, 4(2): 161-165	Science, SCOPUS
9	Chiral separation of indapamide enantiomers by capillary electrophoresis	Tero Vescan Amelia, Hancu Gabriel , Oroian Mihaela, Cârje Anca	Advanced Pharmaceutical Bulletin 2014, 4(3): 267-272	ISI Web of Science, SCOPUS
10	Antimicrobial and antifungal activity of Pelargonium roseum essential oils	Gâlea Carmen, Hancu Gabriel	Advanced Pharmaceutical Bulletin, 2014, 4(2): 511-514	ISI Web of Science, SCOPUS
11	Indicatori de evaluare a calitatii apelor de suprafata si solurilor in proximitatea fostei exploatare de sulf din Muntii Calimani	Gorea Diana, Hancu Gabriel , Rusu Aura, Cârje Anca, Barabás Enikő	Forum Geografic, 2014, XIII(2): 212-218	Index Copernicus, EBSCO
12	Analysis of dietary supplements and drugs for erectile dysfunction by HPLC-UV	Tero-Vescan Amelia, Vari Camil Eugen, Filip Cristina, Osz Bianca, Ceană Daniela, Imre Silvia, Hancu Gabriel	Acta Medica Tansilvanica, 2014, 2(4): 297-299	Index Copernicus, EBSCO
13	Development of a capillary electrophoresis method for the separation of fluoroquinolone derivatives in acidic background electrolyte	Rusu Aura, Hancu Gabriel , Gyéresi Árpád	Acta Medica Marisiensis 2014, 60(3): 109-115	EBSCO
14	Microparticulate drug delivery system containing tramadol hydrochloride for pain treatment	Ciurba Adriana, Todoran Nicoleta, Vari Camil Eugen, Lazăr Luminița, Al Hussein Stela, Hancu Gabriel	Revista medico-chirurgicala a Societatii de Medici si Naturalisti din Iasi 2014, 118(4): 1135-1142	Index Copernicus
15	Thin layer chromatographic analysis of beta-lactam antibiotics	Hancu Gabriel , Simon Brigitta, Kelemen Hajnal, Rusu Aura, Mircea Eleonora, Gyéresi Árpád	Advanced Pharmaceutical Bulletin 2013, 3(2): 367-37	ISI Web of Science, SCOPUS
16	Principles of micellar electrokinetic chromatography applied in pharmaceutical analysis	Hancu Gabriel , Simon Brigitta, Rusu Aura, Mircea Eleonora, Gyéresi Árpád	Advanced Pharmaceutical Bulletin 2013, 3(1): 1-8	ISI Web of Science, SCOPUS
17	Separation by capillary electrophoresis of six extensively used antibacterial compounds	Simon Brigitta, Hancu Gabriel , Gyéresi Árpád.	Acta Medica Marisiensis 2012, 58(5): 337-340	EBSCO
18	Thin layer chromatographic separation of benzodiazepine derivatives	Hancu Gabriel , Fülöp Enikő, Rusu Aura, Mircea Eleonora, Gyéresi Árpád	Analele Universității București – Chimie 2011, 20(2): 181-188	Index Copernicus
19	Formulation and study of some controlled release tablets with pentoxifylline based on hydroxypropylcellulose matrix obtained by wet granulation method with PEG 6000	Mircea Eleonora, Imre Silvia, Balaci Teodora, Avrigeanu Veronica, Hancu Gabriel	Brain - Broad Research in Artificial Intelligence and Neuroscience,	Google Scholar

			Special Issue on Advances in Applied Sciences 2011, 1: 179-193	
20	Identification of photodegradation products of tricyclic antidepressants drugs clomipramine and doxepine	Székely Pal, Gyéresi Árpád, Hancu Gabriel , Laczkó Zöld Eszter Vancea Szende	Acta Medica Marisiensis 2011, 57(6): 745-747	EBSCO
21	Study regarding the phototoxicity of some tricyclic antidepressants.	Székely Pal, Gyéresi Árpád, Hancu Gabriel , Laczkó Zöld Eszter, Nagy Előd	Acta Medica Marisiensis 2011, 57(5): 519-523	EBSCO
22	Development of a separation method of four penicillin derivatives by capillary electrophoresis	Simon Brigitta, Hancu Gabriel , Gyéresi Árpád	Acta Medica Marisiensis 2011, 57(4): 342-344	EBSCO
23	Optimization of a capillary electrophoresis method for the separation of quinolone derivatives	Rusu Aura, Hancu Gabriel , Gyéresi Árpád	Acta Medica Marisiensis 2011, 57(3): 236-239	EBSCO
24	New perspectives: quinolones as complexation agents	Rusu Aura, Gyéresi Árpád, Hancu Gabriel	Acta Medica Marisiensis 2011, 57(2): 149-154	EBSCO
25	Thin-layer chromatographic study regarding the separation of some quinolone derivatives	Rusu Aura, Merdar Maria, Hancu Gabriel , Gyéresi Árpád	Medicine in evolution 2011, XVII(3): 61-65	Index Copernicus

DATA 05.01.2016

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