

INFORMAȚII PERSONALE

✉ ionut.ledetși@umft.ro

Sexul masculin | Data nașterii | Naționalitatea Română

IONUȚ-VALENTIN LEDEȚȘI

POZIȚIA

Conferențiar universitar doctor abilitat în cadrul disciplinei de Chimie Fizică, Facultatea de Farmacie, UMF „Victor Babeș” Timișoara, șef de disciplină

EXPERIENȚA PROFESIONALĂ

Din 23 aprilie 2018

Dr. Habil., Conducător de doctorat în domeniul Chimie

Universitatea „Politehnica” din Timișoara, Facultatea de Chimie Industrială și Ingineria Mediului, Departamentul CAICAM, Bulevardul Vasile Pârvan nr. 6, 300223, Timișoara, Timiș, România, Tel: 0040-256-403069; Fax: 0040-256-403060; www.upt.ro

- Domeniul de cercetare: Tehnici de screening fizico-chimic complex a unor compuși de interes farmaceutic și cu potențială activitate biologică

Tipul sau sectorul de activitate Învățământ superior și cercetare

Septembrie 2015-prezent

Conferențiar universitar doctor în cadrul disciplinei de Chimie Fizică, Facultatea de Farmacie, UMF „Victor Babeș” Timișoara

Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Farmacie, Departamentul I, Disciplina Chimie Fizică, Piața Eftimie Murgu nr.2, 300041 Timișoara, România Tel. +40 (0) 256 204 476, www.umft.ro

- Cursuri predate (studenților Facultății de Farmacie): titularul cursurilor de Chimie fizică I și II; Principii de Chimie fizică I și II; Bazele fizico-chimice ale preformulării medicamentului I și II; Proiectarea medicamentului; Polimorfismul substanțelor medicamentoase.

- Activități didactice: conducerea lucrărilor de laborator la disciplinele Chimie fizică I și II; Principii de Chimie fizică I și II;

Tipul sau sectorul de activitate Învățământ superior și cercetare

Martie 2013-Septembrie 2015

Șef de lucrări doctor

Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Farmacie, Departamentul I, Disciplina Chimie Fizică, Piața Eftimie Murgu nr.2, 300041 Timișoara, România Tel. +40 (0) 256 204 476, www.umft.ro

- Activități didactice: titularul cursului de Chimie fizică II;
- Activități didactice: conducerea lucrărilor de laborator la disciplinele Chimie fizică I și II; Principii de Chimie fizică I și II;

Tipul sau sectorul de activitate Învățământ superior și cercetare

Septembrie 2011-Martie 2013

Asistent universitar doctor

Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Farmacie, Departamentul I, Disciplina Chimie Fizică, Piața Eftimie Murgu nr.2, 300041 Timișoara, România Tel. +40 (0) 256 204 476, www.umft.ro

- Conducerea seminarelor de „Metodologia cercetării științifice farmaceutice”
- Conducerea lucrărilor practice de Chimie fizică I și II

Tipul sau sectorul de activitate Învățământ superior și cercetare

Februarie 2009-Septembrie 2011

Preparator universitar doctorand/doctor

Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Farmacie, Departamentul I, Disciplina Chimie Fizică, Piața Eftimie Murgu nr.2, 300041 Timișoara, România Tel. +40 (0) 256 204 476, www.umft.ro

- Conducerea lucrărilor practice de Chimie fizică I și II

Tipul sau sectorul de activitate Învățământ superior și cercetare

Lunie 2017-Aprilie 2018

Teză de abilitare

Nivel EQF 8

Universitatea „Politehnica” din Timișoara, Facultatea de Chimie Industrială și Ingineria Mediului, Departamentul CAICAM, Bulevardul Vasile Pârvan nr. 6, 300223, Timișoara, Timiș, România, Tel: 0040-256-403069; Fax: 0040-256-403060; www.upt.ro

- Teză de abilitare în domeniul CHIMIE (depusă în 22 iunie 2017, susținută în 8 decembrie 2018), cu titlul „Tehnici de screening fizico-chimic complex a unor compuși de interes farmaceutic și cu potențială activitate biologică”. Atestatul de abilitare obținut prin OMEN nr. 3367/22.03.2018, respectiv dobândirea calității de conducător de doctorat în domeniul Chimie în IOSUD UPT, conform deciziei 542/112/C din 23.04.2018

Mai 2014-Septembrie 2015

Studii Postdoctorale

Nivel EQF 8

Universitatea de Vest din Timișoara, Facultatea de Fizică, Bulevardul Vasile Pârvan nr. 4, Timișoara, România, Tel. +40 (0) 256 592 108; www.uvt.ro

- Proiect de cercetare obținut prin competiție: Studiul interacțiunilor induse termic la compuși bioactivi prin tehnici hifenate și complementare. Finanțator: POSDRU/159/1.5/S/137750

Octombrie 2010-Septembrie 2011

Master în Farmacie

Nivel EQF 7

Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Farmacie, Piața Eftimie Murgu nr.2, 300041 Timișoara, România

Tel. +40 (0) 256 204 476, www.umft.ro

- Program masteral: Formularea și evaluarea produsului dermato-cosmetic, coordonator: Prof.univ.dr. Anca-Octavia Dragomirescu
- Tema disertației: Modelarea prin relații QSAR a permeabilității pielii la diverși agenți chimici; coordonator științific: Prof.univ.dr. Ludovic Kurunczi

Octombrie 2007-Noiembrie 2010

Doctorat în Chimie

Nivel EQF 8

Universitatea „Politehnica” din Timișoara, Facultatea de Chimie Industrială și Ingineria Mediului, Piața Victoriei nr.2, 300006 Timișoara, România, Tel. +40 (0) 256 403 063; www.upt.ro

- Studii: Sinteză organică; Spectroscopie (tehnicile IR, RMN, GC-MS); Activități biologice;
- Teza de doctorat: Studiul sintezei mercapto-triazolilor funcționalizați, compuși cu potențială activitate biologică. Conducător de doctorat: Prof.univ.dr. Carol Csunderlik
- Diplomă de Doctor în Chimie, conform Ordinului MECTS nr. 4387/06.06.2011

Octombrie 2002-Iulie 2007

Inginer chimist diplomat

Nivel EQF 6

Universitatea „Politehnica” din Timișoara, Facultatea de Chimie Industrială și Ingineria Mediului, Piața Victoriei nr.2, 300006 Timișoara, România, Tel. +40 (0) 256 403 063; www.upt.ro

- Domenii studiate: Chimie și Inginerie Chimică;
- Diplomă de absolvire a modulului psiho-pedagogic: Psihologia educației, Pedagogie, Sociologie, Comunicare educațională etc.
- Diplomă de studii de lungă durată (5 ani) în Inginerie Chimică in Chemical Engineering (nota la examenul de diplomă: 10,00; media multianuală ECTS 9,86.

Septembrie 1998-Iunie 2002

Diplomă de bacalaureat

Nivel EQF 4

Colegiul Național „Constantin Diaconovici Loga”, Timișoara, România

- Profil Matematică-Fizică intensiv
- Diplomă de Bacalureat, media 9,71

COMPETENȚE PERSONALE

Limba maternă Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	C1	C1	C1	C1	C1
	Certificate for attending English Course, International House (IH) Timișoara, member of International House World Organization				
Franceză	C1	C1	C1	C1	C1
	Utilizator experimentat				

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat
[Cadrul european comun de referință pentru limbi străine](#)

Competențe de comunicare

- Bună capacitate de comunicare dobândită atât în perioada de lucru în cercetare (documentare și sinteză pentru elaborarea tezei de doctorat, disertației masterale și studiilor postdoctorale)
- Dezvoltarea unor abilități de comunicare și prezentare ca urmare a experienței de 9 ani în învățământul universitar.

Competențe organizaționale/manageriale

- Spirit de echipă, dobândit în practica profesională și în activitățile de cercetare alături de colegi
- În anul 2004 am obținut diploma de merit pentru activitatea desfășurată în cadrul proiectului Fundației Județene pentru Tineret intitulată „Campanie pentru participarea civică a tinerilor”
- În perioada 10-12 noiembrie 2006 am participat la programul de formare privind Implementarea programei școlare de „Consiliere și Orientare” la Școala cu cls. I-VIII nr.18 Timișoara
- În perioada 10-14 noiembrie 2006 am urmat cursuri de formare profesională în vederea utilizării softului AeL și al elaborării materialelor educaționale pentru AeL
- Spirit organizațional, dobândit în urma desfășurării activităților de laborator și seminar cu studenții

Competențe dobândite la locul de muncă

- Chimie fizică și cinetică
 - Spectroscopie (tehnica IR în pastilă și ATR, RMN, RMN 2D, GC-MS)
 - Măsurători cinetice pe cale spectrofotometrică privind activitatea antioxidantă
 - Modelarea prin relații QSAR a permeabilității pielii la diverși agenți chimici
 - Analiză termică și tehnici hifenate de analiză; utilizarea metodelor termoanalitice pentru determinarea stabilității termice a unor substanțe active din punct de vedere biofarmaceutic și a amestecurilor acestora cu diferiți excipienți, respectiv a așa-numitei durate de viață, termen ce caracterizează condițiile de formulare și păstrare a formelor galenice ce urmează a fi obținute.
 - utilizarea altor tehnici analitice, cum ar fi difracția de raze X și microscopia electronică de baleiaj (SEM), ca instrumente complementare care ajută la interpretarea rezultatelor termoanalitice
 - Studii cinetice în mediu omogen și eterogen
- Chimia compușilor naturali
 - Izolarea și caracterizarea unor compuși bioactivi din surse naturale
 - Derivatizarea compușilor naturali
 - Caracterizarea și evaluarea activității antioxidante a extractelor
- Sinteza chimică și proprietăți fizico-chimice ale compușilor obținuți
 - Compuși heterociclici și precursori (acizi, esteri, hidrazide, baze Schiff etc.) - 1,2,4-triazoli și funcționalizarea acestora
 - Derivatizarea compușilor naturali la produși de semi-sinteză: purificare și caracterizare
 - Sinteze de compuși de coordonare (complexi metalici) prin diverse tehnici

Competență digitală

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat

Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat

Competențele digitale - Grilă de auto-evaluare

- o bună stăpânire a Microsoft Office (Word, Excel, PowerPoint, Visio), ISIS Draw, ChemOffice, Origin, TableCurve, MatLab, AeL., AutoCAD
- bune cunoștințe de utilizare a Internetului, inclusiv web research

Alte competențe

- fotografie și procesare digitală a imaginii
- pictură
- modelaj în lut

Permis de conducere

B

INFORMATII SUPLIMENTARE

Publicații și citări

Sunt autor sau co-autor la 98 de lucrări științifice ISI în jurnale internaționale (2010-noiembrie 2019), care au acumulat 922 de citări (sursa Web of Science, Clarivate Analytics), cele mai multe având legătură cu Chimia fizică a Medicamentului (studii de preformulare a substanțelor de interes farmaceutic). Sunt de asemenea autor/coautor al unor cărți didactice și autor al unei monografii.

h-index

18 (conform Web of Science);

Proiecte de cercetare

Am participat în 6 proiecte de cercetare obținute prin competiție națională. Domeniul principal de expertiză în aceste proiecte l-a reprezentat utilizarea analizei termice și a spectroscopiei moleculare ca metode investigaționale în clasa compușilor bioactivi sau potențial bioactivi, mai ales în evaluarea compatibilității între substanțe active și excipienți în formulări farmaceutice solide.

Conferințe

Am participat la o serie de conferințe științifice naționale și internaționale, atât cu prezentări orale cât și cu postere, peste 140 de materiale prezentate. Cele mai multe materiale prezentate sunt în domeniul Chimiei fizice a medicamentului.

Premii

- Distincția „Profesor Bologna” acordată de Alianța Națională a Organizațiilor Studentești din România (ANOSR), Ediția a XII-a, la Gala Profesorului Bologna, în perioada 23-26 mai, la Iași
- 25 dintre lucrările ISI au fost premiate la nivel național de către UEFISCDI (Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării din România).

Membru în asociații științifice

Membru al Societății de Chimie din România (SChR)
Membru al International Association of Physical Chemists (IAPC)

Referințe

Disponibile la cerere

ANEXE

- Lista publicațiilor

Lista publicațiilor

A1. CĂRȚI

1. **Ledeți Ionuț-Valentin**, *Studiul sintezei mercapto-triazolilor funcționalizați, compuși cu potențială activitate biologică*, Editura Politehnica Timișoara, Seria Teze de doctorat 2(14), 2010, ISBN 978-606-554-217-4, 258 pagini.
2. **Ionuț-Valentin Ledeti**, Georgeta Maria Simu, *Chimie fizică aplicată pentru farmaciști (I)*, Editura Mirton, Timișoara, 2010, ISBN 978-973-52-0908-7, 122 pagini;
3. Georgeta Maria Simu, **Ionuț-Valentin Ledeti**, *Chimie fizică aplicată pentru farmaciști (II)*, Editura Mirton, Timișoara, 2011, ISBN 978-973-52-1006-9, 120 pagini;
4. Georgeta Maria Simu, **Ionuț-Valentin Ledeti**, *Chimie Physique Appliquée – Thermodynamique classique, Propriétés structurales des molécules*, Editura Mirton, Timișoara, 2011, ISBN 978-973-52-1103-5, 110 pagini;
5. **Ionuț-Valentin Ledeti**, Georgeta Maria Simu, *Chimie Physique Appliquée – Spectroscopie, Electrochimie, Cinétique chimique, Systèmes disperses*, Editura Mirton, Timișoara, 2012, ISBN 978-973-52-1207-0, 128 pagini;
6. Georgeta Maria Simu, Ludovic Kurunczi, **Ionuț-Valentin Ledeti**, *Chimie Physique Notes de Cours, Tome Second : Spectroscopie, Cinétique et Colloïdes*, Editura Victor Babeș, Timișoara, 2014, ISBN 978-606-8456-01-0, 226 pagini.
7. **Ionuț-Valentin Ledeti**, *Bazele fizico-chimice ale preformulării medicamentului - Volumul I: Structura materiei. Stări de agregare*, Editura Mirton, Timișoara, 2018, ISBN 978-973-52-1771-6 general; ISBN 978-973-52-1772-3 volum I, 224 pagini;
8. Adriana-Violeta Ledeti, **Ionuț-Valentin Ledeti**, Denisa-Laura Cîrcioban, *Bazele practice ale analizei chimice calitative – Aplicații în domeniul farmaceutic*, Editura Mirton, Timișoara, 2018, ISBN 978-973-52-1781-5, 211 pagini;
9. Adriana-Violeta Ledeti, Carmen Axente, Denisa-Laura Cîrcioban, **Ionuț-Valentin Ledeti**, Florin Borcan, *Chimie Analytique Quantitative – notes de cours*, Editura Mirton, Timișoara, 2018, ISBN 978-973-52-1770-9, 273 pagini;

A2. TEZA DE ABILITARE

TEHNICI DE SCREENING FIZICO-CHIMIC COMPLEX A UNOR COMPUȘI DE INTERES FARMACEUTIC ȘI CU POTENȚIALĂ ACTIVITATE BIOLOGICĂ, Domeniul Științe exacte - CHIMIE; susținută în 8 decembrie 2017

B1. LUCRĂRI ȘTIINȚIFICE PUBLICATE IN EXTENSO ÎN FLUXUL ISI (cu * sunt marcați autorii corespondenți, cu # sunt marcați autorii cu contribuție egală)

	Autorii	Titlul articolului	Revista	FI	Anul pentru FI	Autor
1	Ionuț V. Ledeti* , Vasile N. Bercean, Valentin Badea, Mihaela Bălan, Carol Csunderlik	The alkylation of 1H-5-mercapto-3-phenyl -1,2,4-triazole and 4H-4-amino-5-mercapto-3-phenyl -1,2,4-triazole	Revista de Chimie – Bucharest, 61(9), 2010, 833-837.	0.693	2010	Prim autor
2	Ionuț V. Ledeti* , Vasile Bercean*, Ionuț M. Tănase, Andreea Creangă, Valentin Badea, Carol Csunderlik	New azomethine Derivatives of 3-substituted-4H-4-amino-5-Ethoxycarbonyl-methylsulfanyl-1,2,4-triazoles as Potential Anti-inflammatory Agents	Revista de Chimie – Bucharest, 61(10), 2010, 935-937.	0.693	2010	Prim autor
3	Vasile Bercean*, Ionuț V. Ledeti , Valentin Badea, Mihaela Bălan, Carol Csunderlik	New heterocyclic tioethers derived from 3-substituted-4H-4-amino-5-mercapto-1,2,4-triazoles and succinic acid	Revista de Chimie – Bucharest, 61(11), 2010, 1028-1030.	0.693	2010	Coautor
4	Bogdan Țița*, Adriana Fuliș, Geza Bandur, Ionuț Ledeti , Dumitru Țița	Application of thermal analysis to study the compatibility of sodium diclofenac with different pharmaceutical excipients	Revista de Chimie – Bucharest, 62(4), 2011, 443-454.	0.599	2011	Coautor
5	Cristina Dehelean, Codruța Șoica*, Ionuț Ledeti , Mihaela Aluas, Istvan Zupko, Atena Gălușcan, Simona Cinta-Pinzaru, Melania Munteanu	Study of the betulin enriched birch bark extracts effects on human carcinoma cells and ear inflammation	Chemistry Central Journal, 2012, 6, article no. 137, 1-9 DOI:10.1186/1752-153X-6-137	3.281	2012	Coautor
6	Mircea Niculescu, Petru Budrugaec, Ionuț Ledeti* , Vasile Pode, Mihail Birzescu	Synthesis and characterization of the polynuclear coordination compound obtained through the reaction of 1,3-propanediol with Cu(NO ₃) ₂ ·3H ₂ O	Revue Roumaine de Chimie, 2013, 58(4-5), 387-392	0.393	2013	Coresp
7	Ionuț Ledeti , Adriana Fuliș*, Gabriela Vlase, Titus Vlase, Nicolae Doca	Novel Triazolic Copper (II) Complex: Synthesis, Thermal Behaviour And Kinetic Study	Revue Roumaine de Chimie, 2013, 58(4-5), 441-450.	0.393	2013	Prim autor
8	Adriana Fuliș, Gabriela Vlase, Titus Vlase, Codruța Șoica, Alina Heghes, Marius Craina*, Ionuț Ledeti	Comparative kinetic analysis on thermal degradation of some cephalosporins using TG and DSC data	Chemistry Central Journal, 2013, 7, article no. 70 DOI:10.1186/1752-153X-7-70	1.663	2013	Coautor
9	Mircea Niculescu, Dan Rosu, Ionuț	Thermal and spectroscopic studies of	Revue Roumaine de	0.393	2013	Coresp

	Ledeti* , Marius Milea, Petru Budrugaec	Ni(II)-Fe(III) heteropolynuclear coordination compound obtained through the reaction of 1,2-ethanediol with metallic nitrates	Chimie, 2013, 58(6), 543-552			
10	Adriana Fuliș, Ionuț Ledeti* , Gabriela Vlase, Titus Vlase	Physico-chemical solid-state characterization of pharmaceutical pyrazolones: An unexpected thermal behaviour	Journal of Pharmaceutical and Biomedical Analysis, 81–82, July–August 2013, 44–49	2.829	2013	Coresp
11	Adriana Fuliș, Gabriela Vlase*, Carmen Grigorie, Ionuț Ledeti* , Paul Albu, Mihai Bilanin, Titus Vlase	Thermal behaviour studies of procaine and benzocaine: Part 1. Kinetic analysis of the active substances under non-isothermal conditions	Journal of Thermal Analysis and Calorimetry, 2013, 113(1), 265-271	2.206	2013	Coautor
12	Adriana Fuliș#, Ionuț Ledeti# , Gabriela Vlase#, Călin Popoiu#*, Alina Hegheș#, Mihai Bilanin#, Titus Vlase#, Dorina Gheorghesu, Marius Craina, Simona Ardelean, Otilia Mărginean, Liana Moș	Thermal behaviour of procaine and benzocaine Part II: compatibility study with some pharmaceutical excipients used in solid dosage forms	Chemistry Central Journal, 2013, 7:140. DOI: 10.1186/1752-153X-7-140	1.663	2013	Coautor
13	Ionuț Ledeti* , Georgeta Simu, Gabriela Vlase, Germaine Săvoiu, Titus Vlase, Lenuța-Maria Șuta, Călin Popoiu*, Adriana Fuliș	Synthesis and Solid-State Characterization of Zn(II) Metal Complex with Acetaminophen.	Revista de Chimie – Bucharest, 2013, 64(10), 1127-1130.	0.677	2013	Prim autor
14	Lenuța-Maria Suta, Lavinia Vlaia*, Adriana Fuliș, Ionuț Ledeti* , Daniel Hadaruga, Constantin Mircioiu	Evaluation study of the inclusion complexes of some oxicams with 2-hydroxypropyl- β -cyclodextrin	Revista de Chimie – Bucharest, 2013; 64(11):1279-1283.	0.677	2013	Coautor
15	Ionuț Ledeti* , Adriana Fuliș*, Gabriela Vlase, Titus Vlase, Vasile Bercean, Nicolae Doca	Thermal behaviour and kinetic study of some triazoles as potential anti-inflammatory agents	Journal of Thermal Analysis and Calorimetry, 2013, 114(3): 1295-1305	2.206	2013	Prim autor
16	Adriana Fuliș, Calin Popoiu*, Gabriela Vlase, Titus Vlase, Daniela Onetiu, Germaine Savoiu, Georgeta Simu, Cristina Patruescu, Gheorghe Ilia, Ionuț Ledeti	Thermoanalytical And Spectroscopic Study On Methotrexate – Active Substance And Tablet	Digest Journal of Nanomaterials and Biostructures, 2014; 9(1):93-98.	0.945	2014	Coautor
17	Gheorghe Nodiți, Adriana Fuliș*, Ionuț Ledeti	Methotrexate as coordination complex ligand: Study of interaction with Zn(II)	Digest Journal of Nanomaterials and Biostructures, 2014, 9(1), 251-260.	0.945	2014	Coautor
18	Gheorghe Nodiți, Ionuț Ledeti* , Georgeta Simu, Lenuța-Maria Suta, Daniela Onetiu, Adriana Fuliș	Microwave - Assisted synthesis of local anaesthetic procaine from benzocaine	Revista de Chimie – Bucharest, 2014, 65(1), 65-67	0.810	2014	Coresp
19	Lucretia Udrescu*, Laura Sbarcea, Adriana Fuliș, Ionuț Ledeti* , Gabriela Vlase, Paul Barvinschi, Ludovic Kurunzi	Physicochemical analysis and molecular modeling of the fosinopril β -cyclodextrin inclusion complex	Journal of Spectroscopy, 2014, art.no 748468, 1-14 DOI:10.1155/2014/748468	0.538	2014	Coautor
20	Ionuț Ledeti* , Georgeta Simu*, Gabriela Vlase, Titus Vlase, Tudor Olariu, Germaine Savoiu, Lenuța-Maria Suta, Calin Popoiu, Adriana Fuliș	Ni(II) Coordination Compound with Acetaminophen. Synthesis and Characterization	Revista de Chimie – Bucharest, 2014; 65(5): 556-559.	0.810	2014	Prim autor
21	Tudor Olariu, Lenuța-Maria Suta, Calin Popoiu, Ionuț Ledeti* , Georgeta Simu, Germaine Savoiu, Adriana Fuliș	Alternative Synthesis of Paracetamol and Aspirin Under Non-conventional Conditions	Revista de Chimie – Bucharest, 2014; 65(6): 633-635.	0.81	2014	Coresp
22	Georgeta Simu, Ionuț Ledeti* , Simona Muntean, Adriana Fuliș, Ioana Citu, Codruta Soica, Doina Onisei, Germaine Savoiu-Balint, Iulia Pinzaru*, Daniela Ionescu	Study of the interaction of some pharmaceutical compounds with different cellulosic supports	Revista de Chimie – Bucharest, 2014; 65(6): 664-670.	0.81	2014	Coautor
23	Mihail Birzescu, Marius Milea, Dan Rosu, Ionuț Ledeti* , Mădian Rafaila, Viorel Sasca, Mircea Niculescu	Synthesis and thermal analysis of the nickel(II) oxalate obtained through the reaction of ethylene glycol with Ni(NO ₃) ₂ ·6H ₂ O	Revue Roumaine de Chimie, 2014, 59(6-7), 555-563	0.311	2014	Coresp
24	Iulia Pinzaru, Cristina Trandafirescu, Zoltan Szabadai, Marius Mioc, Ionuț Ledeti* , Dorina Coricovac, Sorina Ciurlea*, Roxana Ghiulai, Zorin Crainiceanu, Georgeta Simu	Synthesis and Biological Evaluation of Some Pentacyclic Lupane Triterpenoid Esters	Revista de Chimie – Bucharest, 2014; 65(7): 848-851	0.81	2014	Coautor

25	Ionut Ledeti , Titus Vlase, Gabriela Vlase, Lenuta Maria Suta*, Adriana Fulias, Ionela Belu	Synthesis and Solid - state Characterization of a Cobalt(II) Triazolic Complex	Revista de Chimie – Bucharest, 2014; 65(8): 897-902.	0.81	2014	Prim autor
26	Gheorghe Pupca, Viorel Bucuras, Gabriela Vlase, Titus Vlase, Adriana Fulias*, Ionut Ledeti	Solid-State Analysis of Some Urinary Calculi	Revista de Chimie – Bucharest, 2014; 65(9):1058-1062	0.81	2014	Coautor
27	Mircea Niculescu, Ionut Ledeti* , Mihail Birzescu	New methods to obtain carboxylic acids by oxidation reactions of 1,2-ethanediol with metallic nitrates	Journal Of Organometallic Chemistry, 2014; 767, 108-111 DOI:10.1016/j.jorgchem.2014.05.041	2.173	2014	Coresp
28	Maria Ilici, Vasile Bercean, Monica Venter, Ionut Ledeti* , Tudor Olariu, Lenuta-Maria Suta, Adriana Fulias	Investigations on the Thermal-Induced Degradation of Transitional Coordination Complexes Containing (3H-2-thioxo-1,3,4-thiadiazol-5-yl)thioacetate Moiety	Revista de Chimie – Bucharest, 2014; 65(10):1142-1145.	0.81	2014	Coresp
29	Adriana Fulias, Gabriela Vlase, Codruta Soica, Vasile Bercean, Titus Vlase, Ionut Ledeti*	Thermal behaviour of a modified encapsulation agent. Heptakis-6-iodo-6-deoxy-beta-cyclodextrin	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 961-966.	2.042	2014	Coresp
30	Adriana Fulias, Gabriela Vlase*, Titus Vlase, Daniela Onetiu, Nicolae Doca, Ionut Ledeti	Thermal degradation of B-group vitamins: B1, B2 and B6. Kinetic study	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 1033-1038.	2.042	2014	Coautor
31	Ionut Ledeti , Gabriela Vlase*, Titus Vlase, Nicolae Doca, Vasile Bercean, Adriana Fulias	Thermal decomposition, kinetic study and evolved gas analysis of 1,3,5-triazine-2,4,6-triamine	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 1057-1063.	2.042	2014	Prim autor
32	Bogdan Tita*, Ionut Ledeti , Geza Bandur, Dumitru Tita.	Compatibility study between indomethacin and excipients in their physical mixtures	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 1293-1304.	2.042	2014	Coautor
33	Codruta Soica, Adriana Fulias*, Gabriela Vlase, Cristina Dehelean, Titus Vlase, Ionut Ledeti .	Synthesis and Thermal Behaviour of New Ambazone Complexes with some Transitional Metals	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 1305-1311.	2.042	2014	Coautor
34	Adriana Fulias, Codruta Soica, Ionut Ledeti , Titus Vlase, Gabriela Vlase, Lenuta-Maria Suta*, Ionela Belu	Characterization of pharmaceutical acetylsalicylic acid - theophylline cocrystal obtained by slurry method under microwave irradiation	Revista de Chimie – Bucharest, 2014; 65 (11): 1281-1284.	0.81	2014	Coautor
35	Ionut Ledeti , Claudiu Silviu Bosca, Cristian Cosma, Valentin Badea*, Anamaria Todea, Vasile Bercean	Study on Obtaining 3-oxolup-20(29)-en-28-oic Acid (Betulonic Acid) from (3 beta)-lup-20(29)-en-3,28-diol (betulin)	Revista de Chimie – Bucharest, 2014, 65 (11); 1289-1293	0.81	2014	Prim autor
36	Ionut Ledeti , Anda Alexa, Vasile Bercean, Gabriela Vlase, Titus Vlase, Lenuța-Maria Șuta, Adriana Fulias*	Synthesis and Degradation of Schiff Bases Containing Heterocyclic Pharmacophore	International Journal Of Molecular Sciences, 2015, 16 (1) 1711-1727	3.257	2015	Prim autor
37	Lucreția Udrescu*, Adriana Fulias, Ionuț Ledeti , Gabriela Vlase, Paul Barvinschi, Ludovic Kurunczi, Laura Sbârcea	Host-guest system of zofenopril and randomly methylated beta-cyclodextrin: preparation, characterization and solubility	Revista de Chimie – Bucharest, 2015; 66(1): 17-20.	0.956	2015	Coautor
38	Ionut Ledeti , Vasile Bercean*, Anda Alexa, Codruta Soica, Lenuta-Maria Suta, Cristina Dehelean, Cristina Trandafirescu, Delia Muntean, Monica Licker, Adriana Fulias	Preparation and Antibacterial Properties of Substituted 1,2,4-Triazoles	Journal of Chemistry, 2015, Article no. 879343, 1-5 DOI:10.1155/2015/879343	0.996	2015	Prim autor
39	Lucretia Udrescu*, Laura Sbarcea, Adriana Fulias, Ionut Ledeti , Titus Vlase, Paul Barvinschi, Ludovic Kurunczi	Physicochemical characterization of zofenopril inclusion complex with 2-hydroxypropyl-beta-cyclodextrin	Journal of the Serbian Chemical Society, 2015; 80 (4): 485-497	0.97	2015	Coautor
40	Ionuț Ledeti , Gabriela Vlase, Ionel Ciucanu, Tudor Olariu, Adriana Fulias*, Lenuța-Maria Șuta, Ionela Belu	Analysis of solid binary systems containing simvastatin	Revista de Chimie – Bucharest, 2015; 66(2): 240-243	0.956	2015	Prim autor
41	Codruț Ivan, Ionuț Ledeti* , Gabriela Vlase, Titus Vlase, Adriana Fulias, Sorin Olariu	Study of Solid-State Behaviour of Some Human Gallstones	Revista de Chimie – Bucharest, 2015; 66(2): 265-270	0.956	2015	Coresp
42	Laura Sbârcea, Ionuț Ledeti , Liana Drăgan, Ludovic Kurunczi, Adriana Fulias*, Lucreția Udrescu	Fosinopril sodium–hydroxypropyl-β-cyclodextrin inclusion complex. Thermal decomposition kinetics and compatibility studies	Journal of Thermal Analysis and Calorimetry 2015; 120(1): 981-990.	1.781	2015	Coautor
43	Lenuta-Maria Suta, Ionut Ledeti* , Liana Suci, Daniel Hadaruga, Adriana Fulias, Ionela Belu	Study Regarding the Behaviour of Encapsulated Piroxicam in Liquid Media	Revista de Chimie – Bucharest, 2015(5); 66(5):718-721.	0.956	2015	Coresp

44	Ionuț Ledeti , Gabriela Vlase, Titus Vlase, Ionel Ciucanu, Tudor Olariu, Anamaria Todea, Adriana Fulias*, Lenuța-Maria Suta	Instrumental Analysis of Potential Lovastatin - excipient Interactions in Preformulation Studies	Revista de Chimie – Bucharest, 2015(6); 66(6):879-882.	0.956	2015	Prim autor
45	Adriana Fulias, Gabriela Vlase, Anamaria Todea, Titus Vlase, Ionuț Ledeti*	Thermal Characterization of Polymeric Coatings for Pharmaceutical Dosage Forms	Macromolecular Symposia 06/2015; 352(1):59-65. DOI:10.1002/masy.201400154	0.913	2015	Coresp
46	Amina Ramona Popovici, Gabriela Vlase*, Titus Vlase, Lenuța-Maria Suta, Călin Popoiu, Ionuț Ledeti , Gheorghe Iovănescu, Adriana Fulias	Local anesthetic agents. Part III. Study of solid dosage forms with pharmaceutical excipients	Revista de Chimie – Bucharest, 2015; 65(7):1046-1051	0.956	2015	Coautor
47	Codrut Ivan, Lenuța-Maria Suta, Tudor Olariu, Ionuț Ledeti* , Gabriela Vlase, Titus Vlase, Sorin Olariu, Petru Matusz, Adriana Fulias	Preliminary kinetic study for heterogenous degradation of cholesterol - containing human biliary stones	Revista de Chimie – Bucharest, 2015, 66(8):1253-1255.	0.956	2015	Coresp
48	Ionuț Ledeti , Gabriela Vlase*, Titus Vlase, Vasile Bercean, Adriana Fulias	Kinetic of solid state degradation of transitional coordinative compounds containing functionalized 1,2,4 -triazolic ligand	Journal of Thermal Analysis and Calorimetry, 2015, 121(3): 1049-1057	1.781	2015	Prim autor
49	Adriana Fulias, Gabriela Vlase, Titus Vlase, Lenuța-Maria Suta, Codruța Șoica, Ionuț Ledeti*	Screening and characterization of cocrystal formation between carbamazepine and succinic acid	Journal of Thermal Analysis and Calorimetry, 2015, 121(3):1081-1086	1.781	2015	Coresp
50	Adriana Fulias, Gabriela Vlase, Ionuț Ledeti* , Lenuța-Maria Suta	Ketoprofen-Cysteine Equimolar Salt. Synthesis, Thermal Analysis, PXRD and FTIR Spectroscopy Investigation	Journal of Thermal Analysis and Calorimetry, 2015, 121(3): 1087-1091	1.781	2015	Coresp
51	Ionuț Ledeti , Gabriela Vlase, Titus Vlase, Lenuța-Maria Suta, Anamaria Todea, Adriana Fulias*	Selection of solid-state excipients for simvastatin dosage forms through thermal and nonthermal techniques	Journal of Thermal Analysis and Calorimetry 06/2015; 121(3):1093-1102	1.781	2015	Prim autor
52	Ionuț Ledeti , Gabriela Vlase, Titus Vlase, Adriana Fulias*	Kinetic analysis of solid-state degradation of pure pravastatin versus pharmaceutical formulation	Journal of Thermal Analysis and Calorimetry 06/2015; 121(3):1103-1110.	1.781	2015	Prim autor
53	Ionuț Ledeti , Ștefana Avram*, Vasile Bercean, Gabriela Vlase, Titus Vlase, Adriana Ledeti* Istvan Zupko, Marius Mioc, Lenuța-Maria Suta, Codruta Soica, Cristina Dehelean	Solid-State Characterization and Biological Activity of Betulonic Acid Derivatives	Molecules, 2015, 20(12): 22691-22702 DOI:10.3390/molecules201219876	2.465	2015	Prim autor
54	Rodica Narcisa Tanasescu, Adriana Fulias*, Ionuț Ledeti , Mariana Ioana Miron, Petru Matusz	Evaluation of mineral composition in the area of the cortical osteoporotic bone: a fourier transform infrared spectroscopy (FTIR) and scanning electronic microscopy (SEM) study	Revista de Chimie – Bucharest, 2015; 66(12):2047-2050	0.956	2015	Coautor
55	Lenuța-Maria Suta, Gabriela Vlase, Titus Vlase, Germaine Balint-Săvoiu, Tudor Olariu, Ionela Belu, Adriana Ledeti*, Marius-Sorin Murariu, Lavinia Stelea, Ionuț Ledeti	Thermal characterization of cholesterol in air vs. nitrogen atmosphere	Revista de Chimie – Bucharest, 2016; 67(1):84-86	1.232	2016	Coautor
56	Lenuța-Maria Suta, Gabriela Vlase, Titus Vlase, Tudor Olariu, Ionuț Ledeti* , Ionela Belu, Codrut Ivan, Cristian Andrei Sarau, Germaine Balint-Săvoiu, Lavinia Stelea, Adriana Ledeti	Solid state stability of cholesterol: preliminary kinetic analysis	Revista de Chimie – Bucharest, 2016; 67(1):113-115	1.232	2016	Coresp
57	Lenuța-Maria Suta, Gabriela Vlase, Adriana Ledeti*, Titus Vlase, Petru Matusz, Cristina Trandafirescu, Denisa Cîrcioban, Sorin Olariu, Ivan Codrut, Marius Murariu, Lavinia Stelea, Ionuț Ledeti	Solid-State Thermal Behaviour of Cholic Acid	Revista de Chimie – Bucharest, 2016, 67(2): 329-331	1.232	2016	Coautor
58	Adriana Ledeti, Gabriela Vlase, Ionuț Ledeti* , Titus Vlase, Petru Matusz, Cristina Dehelean, Denisa Cîrcioban, Lavinia Stelea, Lenuța-Maria Suta	Thermal Stability of Desipramine and Imipramine	Revista de Chimie – Bucharest, 2016, 67(2): 336-338	1.232	2016	Coresp
59	Laura Sbârcea, Lucreța Udrescu, Ionuț	β -Cyclodextrin inclusion complexes of	Journal of Thermal	1.953	2016	Coautor

	Ledeți , Zoltan Szabadai, Adriana Fulias*, Claudiu Sbr̄cea	lisinopril and zofenopril. Physicochemical characterization and compatibility study of lisinopril- β -cyclodextrin with lactose.	Analysis and Calorimetry 2016, 123(3): 2377-2390; DOI:10.1007/s10973-015-5045-7			
60	Lenuta Maria Suta, Petru Matusz, Adriana Ledeti*, Codrut Ivan, Marius Murariu, Mircea Constantin Sora, Ionut Ledeti	Embedding of Biliary Calculi in Plastic Materials. A viable solution for increasing their mechanical resistance during sampling	Materiale plastice, 2016; 53(1):19-22	0.778	2016	Coautor
61	Cristina Trandafirescu, Codruta Soica, Adriana Ledeti, Florin Borcan*, Lenuta-Maria Suta, Marius Murariu, Cristina Dehelean, Daniela Ionescu, Ionut Ledeti	Preformulation Studies for Albendazole. A DSC and FTIR analysis of binary mixtures with excipients	Revista de Chimie – Bucharest, 2016, 67(3): 463-467.	1.232	2016	Coautor
62	Ionut Ledeti , Gabriela Vlase, Titus Vlase, Marius Murariu, Cristina Trandafirescu, Lenuta Maria Suta, Cristina Dehelean, Adriana Ledeti*, Codruta Soica	Non-isothermal Isoconversional Kinetic Study Regarding the Degradation of Albendazole	Revista de Chimie – Bucharest, 2016, 67(3): 549-552.	1.232	2016	Prim autor
63	Marius Sorin Murariu, Sorin Olariu, Codrut Ivan, Ionut Ledeti* , Titus Vlase, Adriana Ledeti, Nicoleta Iacob, Gratian Miclaus, Petru Matusz, Gabriela Vlase	Correlations Between Morphology and Instrumental Analysis of Human Gallstones - Preliminary Study	Revista de Chimie – Bucharest, 2016, 67(3): 575-579.	1.232	2016	Coresp
64	Cristina Trandafirescu, Ionut Ledeti , Dorina E Coricovac, Codruta Soica*, Iulia Pinzaru, Cristina Dehelean, Radu E Iacob, Florin Borcan	Optimization of Hollow Aliphatic Polyurethane Particles Used as a Drug Delivery System	Materiale plastice, 2016; 53(2):205-210	0.778	2016	Coautor
65	Diana Antal, Iulia Pinzaru, Florin Borcan, Teodora Marti, Ionuț Ledeti , Dorina Coricovac, Stefan Schweiger, Hermann Stuppner, Cristina Dehelean*, Evelyne Ollivier, Codruta Soica	Inclusion Complexes of the Aurone Sulfuretin and the Chalcone Butein from Cotinus coggygia Wood in Two Cyclodextrin Types First data on physico-chemical properties	Revista de Chimie – Bucharest, 2016, 67(6): 1104-1109	1.232	2016	Coautor
66	Ionut Ledeti , Adriana Ledeti*, Gabriela Vlase, Titus Vlase, Petru Matusz, Vasile Bercean, Lenuta Maria Suta, Doina Piciu	Thermal stability of synthetic thyroid hormone L-thyroxine and L-thyroxine sodium salt hydrate both pure and in pharmaceutical formulations	Journal of Pharmaceutical and Biomedical Analysis, 2016; 125: 33–40	3.255	2016	Prim autor
67	Adriana Fulias, Ionut Ledeti* , Gabriela Vlase, Titus Vlase, Codruta Soica, Cristina Dehelean, Camelia Oprean, Florina Bojin, Lenuta-Maria Suta, Vasile Bercean, Stefana Avram	Thermal degradation, kinetic analysis, and apoptosis induction in human melanoma foroleanolic and ursolic acids	Journal of Thermal Analysis and Calorimetry 2016; 125(2): 759-768 DOI:10.1007/s10973-015-5052-8	1.953	2016	Coresp
68	Ionut Ledeti , Gabriela Vlase, Titus Vlase, Adriana Fulias *, Lenuta-Maria Suta	Comparative thermal stability of two similar-structure hypolipidemic agents – Simvastatin and Lovastatin. Kinetic Study	Journal of Thermal Analysis and Calorimetry 2016; 125(2): 769-775,	1.953	2016	Prim autor
69	Ionut Ledeti , Vasile Bercean, Gabriela Vlase, Titus Vlase, Adriana Ledeti*, Lenuta Maria Suta	Betulonic Acid - Study of Thermal Degradation by Kinetic Approach	Journal of Thermal Analysis and Calorimetry 2016; 125(2): 785-791	1.953	2016	Prim autor
70	Diana Antal, Florina Ardelean, Iulia Pinzaru, Florin Borcan, Ionuț Ledeti , Dorina Coricovac, Istvan Zupko, Beatrice Baghdikian, Evelyne Ollivier, Codruta Soica, Sorin Bolintineanu	Effects of Cyclodextrin Complexation on the Anti-cancer Effects of Cotinus coggygia Extract and its Constituents, Butein and Sulfuretin	Revista de Chimie – Bucharest, 2016, 67(8): 1618-1622	1.232	2016	Coautor
71	Roxana Blajovan, Ionut Ledeti , Gabriela Vlase, Adriana Ledeti*, Titus Vlase.	Study of thermal induced excipient-excipient interactions	Journal of Thermal Analysis and Calorimetry, 2016, 126(1): 171-179.	1.953	2016	Coautor
72	Adriana Ledeti, Gabriela Vlase, Titus Vlase, Vasile Bercean, Marius Sorin Murariu, Ionut Ledeti* , Lenuta-Maria Suta	Solid-State Preformulation Studies Of Amiodarone Hydrochloride	Journal of Thermal Analysis and Calorimetry 2016; 126(1): 181-187.	1.953	2016	Coresp
73	Gabriela Vlase, Constantin Bolcu, Dorina Modra, Mihaela Budiul, Ionuț Ledeti , Paul Albu, Titus Vlase*	Thermal behavior of phthalic anhydride-based polyesters. Part I. Influence of the polyol on the thermal stability	Journal of Thermal Analysis and Calorimetry 2016; 126(1): 287-292 DOI: 10.1007/s10973-016-5509-4	1.953	2016	Coautor
74	Adriana Ledeti, Gabriela Vlase, Denisa Circioban, Ionut Ledeti , Cristina	Comparative stability of Levodopa under thermal stress in both oxidative and inert	Revista de Chimie – Bucharest, 2016, 67(12),	1.232	2016	Coresp

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75	Ionuț Ledeti #, Marius Murariu#, Gabriela Vlase, Titus Vlase, Nicolae Doca, Adriana Ledeti*, Lenuta-Maria Suta, Tudor Olariu	Investigation of thermal-induced decomposition of iodoform	Journal of Thermal Analysis and Calorimetry, 2017, 127(1); 565-570 DOI: 10.1007/s10973-016-5368-z	2.209	2017	Prim autor
76	Valentina Buda, Minodora Andor, Adriana Ledeti, Ionuț Ledeti *, Gabriela Vlase, Titus Vlase, Carmen Cristescu, Mirela Voicu, Liana Suci, Mirela Tomescu	Comparative Solid-State Stability of Perindopril Active Substance vs. Pharmaceutical Formulation	International Journal Of Molecular Sciences, 2017, 18(1) Article Number: 164 DOI:10.3390/ijms18010164	3.687	2017	Coresp
77	Rodica Narcisa Tanasescu, Razvan Bardan, Adriana Ledeti, Ionuț Ledeti , Petru Matusz, Germaine Săvoiu-Balint, Sorin Bolintineanu	Considerations on Thermal Behaviour and Porosity of Renal Calculi in Bisphosphonate-Treated Postmenopausal Women	Revista de Chimie – Bucharest, 2017, 68(6), 1259-1263	1.412	2017	Coautor
78	Corina Danciu*, Ersilia Alexa, Stefana Avram, Daliana Minda, Ioana Pavel, Roxana Babuta, Marius Mioc, Ionuț Ledeti , Ioana Cuc Hepcal, Andrei Motoc	Total Polyphenol Content and Antiproliferative Activity of Green Tea Extracts Collected from Romanian Pharmaceuticals Market	Revista de Chimie – Bucharest, 2017, 68(6), 1174-1176	1.412	2017	Coautor
79	Ionuț Ledeti , Sorin Bolintineanu, Gabriela Vlase, Denisa Cercioban, Adriana Ledeti, Titus Vlase, Lenuta-Maria Suta, Angelica Caunii, Marius Murariu	Compatibility study between antiparkinsonian drug Levodopa and excipients by FTIR spectroscopy, X-ray diffraction and thermal analysis	Journal of Thermal Analysis and Calorimetry, 2017, 130(1); 443-441 DOI 10.1007/s10973-017-6393-2	2.209	2017	Prim autor
80	Ionuț Ledeti , Sorin Bolintineanu, Gabriela Vlase, Denisa Cercioban, Cristina Dehelean, Lenuta-Maria Suta, Angelica Caunii, Adriana Ledeti, Titus Vlase, Marius Murariu	Evaluation of solid-state thermal stability of donepezil in binary mixtures with excipients using instrumental techniques	Journal of Thermal Analysis and Calorimetry, 2017, 130(1); 425-431 DOI 10.1007/s10973-017-6250-3	2.209	2017	Prim autor
81	Ionuț Ledeti , Mihaela Budiul, Petru Matusz, Gabriela Vlase, Denisa Cercioban, Cristina Dehelean, Lenuta-Maria Suta, Angelica Caunii, Adriana Ledeti, Titus Vlase, Marius Murariu, Sorin Bolintineanu	Preformulation studies for nortriptyline. Solid-state compatibility with pharmaceutical excipients	Journal of Thermal Analysis and Calorimetry, 2018, 131(1); 191-199 DOI 10.1007/s10973-017-6269-5	2.471	2018	Prim autor
82	Adriana Ledeti, Gabriela Vlase, Titus Vlase, Denisa Cercioban, Cristina Dehelean, Ionuț Ledeti *, Lenuta-Maria Suta	Binary adduct formation of desipramine with dicarboxylic acids: an instrumental study	Journal of Thermal Analysis and Calorimetry, 2018, 131(1); 167-173; DOI 10.1007/s10973-016-5967-8	2.471	2018	Coresp
83	Adriana Ledeti, Gabriela Vlase, Titus Vlase, Denisa Cercioban, Cristina Dehelean, Ionuț Ledeti *	Kinetic study for solid-state degradation of mental disorder therapeutic agents: amitriptyline, desipramine and imipramine	Journal of Thermal Analysis and Calorimetry, 2018, 131(1); 155-165; DOI 10.1007/s10973-016-6064-8	2.471	2018	Coresp
84	Adriana Ledeti, Tudor Olariu, Angelica Caunii, Gabriela Vlase, Denisa Cercioban, Bianca Baul, Ionuț Ledeti *, Titus Vlase, Marius Murariu	Evaluation of thermal stability and kinetic of degradation for levodopa in non-isothermal conditions	Journal of Thermal Analysis and Calorimetry, 2018, 131(2); 1881-1888; DOI: 10.1007/s10973-017-6671-z	2.471	2018	Coresp
85	Ionuț Ledeti #, Agneta Pusztai#, Cezara Mureșan#, Denisa Cercioban, Gabriela Vlase, Carmen Axente, Lenuța-Maria Șuta, Titus Vlase, Petru Matusz, Adriana Ledeti*, Oana Suci, Valentina Buda, Marius Murariu	Study of kinetic characteristics of 6-ethyl chenodeoxycholic acid and deoxycholic acid decomposition in non-isothermal conditions	Journal of Thermal Analysis and Calorimetry, 2018, 134(1); 757-764;	2.471	2018	Prim autor
86	Denisa Cercioban, Ionuț Ledeti , Gabriela Vlase, Adriana Ledeti*, Carmen Axente, Titus Vlase, Cristina Dehelean	Kinetics of heterogeneous-induced degradation for artesunate and artemether	Journal of Thermal Analysis and Calorimetry, 2018, 134(1); 749-756; DOI: 10.1007/s10973-018-7257-0	2.471	2018	Coautor
87	Denisa Cercioban, Adriana Ledeti, Gabriela Vlase, Alina Moacă, Ionuț Ledeti *, Claudia Farcaș, Titus Vlase,	Thermal degradation, kinetic analysis and evaluation of biological activity on human melanoma for artemisinin	Journal of Thermal Analysis and Calorimetry, 2018, 134(1); 741-748;	2.471	2018	Coresp

	Cristina Dehelean		DOI: 10.1007/s10973-018-7497-z			
88	Ionuț Ledeti# , Agneta Pusztai#, Cezara Mureșan#, Denisa Cîrcioban, Gabriela Vlase, Marius Murariu, Lenuța-Maria Șuta, Titus Vlase, Adriana Ledeti*, Oana Suci, Valentina Buda, Petru Matusz	Study of solid-state degradation of prochlorperazine and promethazine	Journal of Thermal Analysis and Calorimetry, 2018, 134(1); 731-740; DOI: 10.1007/s10973-018-7566-3	2.471	2018	Prim autor
89	Denisa Cîrcioban, Adriana Ledeti, Gabriela Vlase, Dorina Coricovac, Alina Moaca, Claudia Farcas, Titus Vlase, Ionuț Ledeti* , Cristina Dehelean	Guest–host interactions and complex formation for artemisinin with cyclodextrins: instrumental analysis and evaluation of biological activity	Journal of Thermal Analysis and Calorimetry, 2018, 134(2); 1375-1384; DOI: 10.1007/s10973-018-7411-8	2.471	2018	Coresp
90	Ionuț Ledeti# , Agneta Pusztai#, Marius Murariu#, Sorin Olariu, Codruț Ivan, Denisa Cîrcioban, Gabriela Vlase, Adriana Ledeti*, Titus Vlase, Petru Matusz	Comparative instrumental investigations of some bile acids	Journal of Thermal Analysis and Calorimetry, 2018, 134(2); 1345-1350; DOI: 10.1007/s10973-018-7163-5	2.471	2018	Prim autor
91	Mirela Nicolov, Doina Georgescu, Emiliană Laura Andreici Eftimie, Simona Cinta Pinzaru, Roxana Roman, Ionuț Ledeti , Rita Ambrus, Adelina Cheveresan, Nicolae Avram	DFT Study of Structure, IR and RAMAN Spectra for Betulinic Acid Solvatomorphs	Revista de Chimie – Bucharest, 2019, 70(1), 107-111	1.605	2018/2019	Coautor
92	Valentina Buda, Minodora Andor, Dana Emilia Baibata, Ramona Cozlac, Gabriela Radu, Dorina Coricovac, Corina Danciu, Ionuț Ledeti , Adelina Cheveresan, Cristian Nica, Paul Tuduțe, Mirela Cleopatra Tomescu	Decreased sEng plasma levels in hypertensive patients with endothelial dysfunction under chronic treatment with Perindopril	Drug Design Development And Therapy, 2019, 13, 1915-1924; DOI: 10.2147/DDDT.S186378	3.208	2018/2019	Coautor
93	Valentina Buda, Minodora Andor, Carmen Cristescu, Mirela Cleopatra Tomescu, Danina Muntean, Dana Emilia Baibata, Diana Aurora Bordejevic, Corina Danciu, Olivia Dalleur, Dorina Coricovac, Zorin Crăiniceanu, Anca Tudor, Ionuț Ledeti , Lucian Petrescu	Thrombospondin- I Serum Levels In Hypertensive Patients With Endothelial Dysfunction After One Year Of Treatment With Perindopril	Drug Design Development And Therapy, 2019, 13, 3515-3526; DOI: 10.2147/DDDT.S218428	3.208	2018/2019	Coautor
94	Denisa Cîrcioban, Ioana Zinuca Pavel*, Adriana Ledeti, Ionuț Ledeti, Corina Danciu, Cristina Dehelean	Cytotoxic Activity Evaluation on Breast Cells of Guest-host Complexes Containing Artemisinin	Revista de Chimie – Bucharest, 2019, 70(8), 2843-2846	1.605	2018/2019	Coautor
95	Laura Sbârcea, Adriana Ledeti*, Lucreția Udrescu, Renata-Maria Văruț, Paul Barvinschi, Gabriela Vlase, Ionuț Ledeti	Betulinic acid—cyclodextrins inclusion complexes	Journal of Thermal Analysis and Calorimetry, 2019, 138(4); 2787-2797; DOI: 10.1007/s10973-019-08359-6	2.471	2018/2019	Coautor
96	Mihaela Cristea, Bianca Baul, Ionuț Ledeti* , Adriana Ledeti, Gabriela Vlase, Titus Vlase, Bożena Karolewicz, Oana Ștefănescu, Anca Octavia Dragomirescu, Cezara Mureșan, Dan-Simion Cîpu, Dana Velimirovici, Mircea Ștefănescu	Preformulation studies for atorvastatin calcium	Journal of Thermal Analysis and Calorimetry, 2019, 138(4); 2799-2806; DOI: 10.1007/s10973-019-08798-1	2.471	2018/2019	Coresp
97	Cristina Trandafirescu#, Ionuț Ledeti# , Codruța Șoica*, Adriana Ledeti, Gabriela Vlase, Florin Borcan, Cristina Dehelean, Dorina Coricovac, Roxana Racoviceanu, Zoltán Aigner	Albendazole-cyclodextrins binary systems. Thermal and spectral investigation on drug-excipient interaction	Journal of Thermal Analysis and Calorimetry, 2019, 138(5); 3039-3054; DOI: 10.1007/s10973-019-08326-1	2.471	2018/2019	Prim autor
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	Autorii	Titlul articolului	Revista	Autor
1	I. V. Ledeti, Andreea A. Alexa, V. N. Bercean	Structural NMR Analysis of Triazolic Compounds Derived From Isonicotinic Acid	Annals of West University of Timișoara, Series Chemistry 2011, 20(1), 81-86	Prim autor
2	I. V. Ledeti, V. N. Bercean, Andreea A. Alexa	Novel Complexes of Copper (II) and Cadmium (II) with S-functionalised 1,2,4-Triazolic Ligand: Vibrational Study	Annals of West University of Timișoara, Series Chemistry 2011, 20(1), 87-93	Prim autor
3	A.A. Creangă, V.N. Bercean, V. Badea, I. Ledeti, Carol Csunderlik	Benzoylation of thiosemicarbazide	Chem. Bull. "Politehnica" Univ. (Timișoara), 53(67), 1-2, 2008, 45-49.	Coautor

C. REZUMATE PREZENTATE LA CONFERINȚE NAȚIONALE ȘI INTERNAȚIONALE PUBLICATE ÎN VOLUME (selecție)

- Compatibility study of the indomethacin with different solid dosage forms excipients
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- Thermal Behaviour and Kinetic Study of some Triazoles as Potential Anti-inflammatory Agents
Ionuț Ledeti, Adriana Fuliș, Gabriela Vlase, Titus Vlase, Vasile Bercean, Nicolae Doca
15th International Congress on Thermal Analysis and Calorimetry (ICTAC) Osaka, Japan; 20-24 august 2012; Kinki University; IC-PH-PS-21
- Compatibility study between indomethacin and excipients in their physical mixtures
Bogdan Tita, Adriana Fuliș, **Ionuț Ledeti**, Geza Bandur, Dumitru Tita
11th Conference on Calorimetry and Thermal Analysis (CCTA 11); 9-13 september 2012; Zakopane (Poland) OMP-P19
- Thermal study of antipsychotic active substance aripiprazole and its mixtures with different excipients
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