


INFORMAȚII PERSONALE



IONU -VALENTIN LEDEȚI

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Sexul masculin | Data nașterii 03/01/1984 | Naționalitatea Român

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](http://www.upt.ro)

• Domeniul de cercetare: Tehnici de screening fizico-chimic complex a unor compuși de interes farmaceutic și cu potențial 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, Pia a Eftimie Murgu nr.2, 300041 Timișoara, România Tel. +40 (0) 256 204 476, [www.umft.ro](http://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, Pia a Eftimie Murgu nr.2, 300041 Timișoara, România Tel. +40 (0) 256 204 476, [www.umft.ro](http://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, Pia a Eftimie Murgu nr.2, 300041 Timișoara, România Tel. +40 (0) 256 204 476, [www.umft.ro](http://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, Pia a Eftimie Murgu nr.2, 300041 Timișoara, România Tel. +40 (0) 256 204 476, [www.umft.ro](http://www.umft.ro)

• Conducerea lucrărilor practice de Chimie fizică I și II

**Tipul sau sectorul de activitate** Învățământ superior și cercetare

Iunie 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, România, Tel: 0040-256-403069; Fax: 0040-256-403060; [www.upt.ro](http://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 potențial activitate biologică”. Atestatul de abilitare obținut prin OMEN nr. 3367/22.03.2018, respectiv dobândirea calificării 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](http://www.uvt.ro)

- Proiect de cercetare obținut prin competiție: Studiul interacțiunilor induse termic la compuși bioactivi prin tehnici hibridate 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](http://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](http://www.upt.ro)

- Studii: Sinteză organică; Spectroscopie (tehnici IR, RMN, GC-MS); Activități biologice;
- Teza de doctorat: Studiul sintezei mercapto-triazolilor funcționalizați, compuși cu potențial activitate biologică. Conducător de doctorat: Prof.univ.dr. Carol Csunderlik
- Diplomă de Doctor în Chimie, conform Ordinului MECS 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](http://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 în 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 Matematic -Fizică intensiv
- Diplomă de Bacalaureat, media 9,71

## COMPETENȚE PERSONALE

Limba matern Română

Alte limbi străine cunoscute

	N ELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversa ie	Discurs oral	
Englez	C1	C1	C1	C1	C1
	Certificate for attending English Course, International House (IH) Timi oara, member of International House World Organization				
Francez	C1	C1	C1	C1	C1
	Utilizator experimentat				

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

Competen e de comunicare

- Bun capacitate de comunicare dobândit atât în perioada de lucru în cercetare (documentare și sintez pentru elaborarea tezei de doctorat, diserta iei masterale și studiilor postdoctorale)
- Dezvoltarea unor abilit i de comunicare și prezentare ca urmare a experien ei de 8 ani în învă mântul universitar.

Competen e organiza ionale/manageriale

- Spirit de echip , dobândit în practica profesional și în activit ile de cercetare al turi de colegi
- În anul 2004 am ob inut diploma de merit pentru activitatea desf urat în cadrul proiectului Funda iei Jude ene pentru Tineret intitulat „Campanie pentru participarea civic a tinerilor”
- În perioada 10-12 noiembrie 2006 am participat la programul de formare privind Implementarea programei colare de „Consiliere și Orientare” la coala cu cls. I-VIII nr.18 Timi oara
- În perioada 10-14 noiembrie 2006 am urmat cursuri de formare profesional în vederea utiliz rii softului AeL și al elabor rii materialelor educa ionale pentru AeL
- Spirit organiza ional, dobândit în urma desf ur rii activit ilor de laborator și seminar cu studen ii

Competen e dobândite la locul de munc

- Chimie fizic și cinetic
  - Spectroscopie (tehnica IR în pastil și ATR, RMN, RMN 2D, GC-MS)
  - M sur tori cinetice pe cale spectrofotometric privind activitatea antioxidant
  - Modelarea prin rela ii QSAR a permeabilit ii pielii la diver i agen i chimici
  - Analiz termic și tehnici hifenate de analiz ; utilizarea metodelor termoanalitice pentru determinarea stabilit ii termice a unor substan e active din punct de vedere biofarmaceutic și a amestecurilor acestora cu diferi i excipien i, respectiv a a-numitei durate de via , termen ce caracterizeaz condi iile de formulare și p strare a formelor galenice ce urmeaz a fi ob inute.
  - utilizarea altor tehnici analitice, cum ar fi difrac ia de raze X și microscopia electronic de baleiaj (SEM), ca instrumente complementare care ajut la interpretarea rezultatelor termoanalitice
  - Studii cinetice în mediu omogen și eterogen
- Chimia compu ilor naturali
  - Izolarea și caracterizarea unor compu i bioactivi din surse naturale
  - Derivatizarea compu ilor naturali
  - Caracterizarea și evaluarea activit ii antioxidante a extractelor
- Sintez chimic și propriet i fizico-chimice ale compu ilor ob inu i
  - Compu i heterociclici și precursori (acizi, esteri, hidrazide, baze Schiff etc.) - 1,2,4-triazoli și func ionalizarea acestora
  - Derivatizarea compu ilor naturali la produ i de semi-sintez : purificare și caracterizare
  - Sinteze de compu i de coordinare (complex i metalici) prin diverse tehnici

Competențe digitale

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

INFORMAȚII SUPPLEMENTARE

Publicații științifice

Sunt autor sau co-autor la 87 de lucrări științifice ISI în reviste internaționale (2010-iunie 2018), care au acumulat 751 de citiri (sursa Web of Science, Institute of Scientific Information), cele mai multe având legătură cu Chimia fizică a Medicamentului (studii de preformulare a substanțelor de interes farmaceutic). Sunt de asemenea autor/coautor a unor cărți didactice și autor al unei monografii.

h-index

17 (conform Web of Science);

Proiecte de cercetare

Am participat în 5 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 100 de materiale prezentate. Cele mai multe materiale prezentate sunt în domeniul Chimiei fizice a medicamentului.

Premii

17 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).

Membre în asociații științifice

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

Referințe

Disponibile la cerere

ANEXE

- Lista publică a ilor

Timișoara,  
 6 iunie 2018

Conf.univ.dr. Ionuț-Valentin Ledetși, Dr. Habil.

Lista publicațiilor

**A. C RȚI**

- Lede i Ionu -Valentin**, *Studiul sintezei mercapto-triazolilor func ionaliza i, compu i cu potențială activitate biologică*, Editura Politehnica Timi oara, Seria Teze de doctorat 2(14), 2010, ISBN 978-606-554-217-4, 258 pagini.
- Ionu -Valentin Ledei**, Georgeta Maria Simu, *Chimie fizic aplicat pentru farmaci ti (I)*, Editura Mirton, Timi oara, 2010, ISBN 978-973-52-0908-7, 122 pagini;
- Georgeta Maria Simu, **Ionu -Valentin Ledei**, *Chimie fizic aplicat pentru farmaci ti (II)*, Editura Mirton, Timi oara, 2011, ISBN 978-973-52-1006-9, 120 pagini;
- Georgeta Maria Simu, **Ionu -Valentin Ledei**, *Chimie Physique Appliquée – Thermodynamique classique, Propriétés structurales des molécules*, Editura Mirton, Timi oara, 2011, ISBN 978-973-52-1103-5, 110 pagini;
- Ionu -Valentin Ledei**, Georgeta Maria Simu, *Chimie Physique Appliquée – Spectroscopie, Electrochimie, Cinétique chimique, Systèmes dispersés*, Editura Mirton, Timi oara, 2012, ISBN 978-973-52-1207-0, 128 pagini;
- Georgeta Maria Simu, Ludovic Kurunczi, **Ionu -Valentin Ledei**, *Chimie Physique Notes de Cours, Tome Second : Spectroscopie, Cinétique et Colloïdes*, Editura Victor Babe , Timi oara, 2014, ISBN 978-606-8456-01-0, 226 pagini.
- Ionu -Valentin Ledei**, *Bazele fizico-chimice ale preformul rii medicamentului - Volumul I: Structura materiei. St ri de agregare*, Editura Mirton, Timi oara, 2018, ISBN 978-973-52-1771-6 general; ISBN 978-973-52-1772-3 volum I, 224 pagini;
- Adriana-Violeta Ledej, **Ionu -Valentin Ledei**, Denisa-Laura Cîrcioban, *Bazele practice ale analizei chimice calitative – Aplicații în domeniul farmaceutic*, Editura Mirton, Timi oara, 2018, ISBN 978-973-52-1781-5, 211 pagini;
- Adriana-Violeta Ledej, Carmen Axente, Denisa-Laura Cîrcioban, **Ionu -Valentin Ledei**, Florin Borcan, *Chimie Analytique Quantitative – notes de cours*, Editura Mirton, Timi oara, 2018, ISBN 978-973-52-1770-9, 273 pagini;

**B. LUCR RIȘTIINȚIFICE 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	<b>Ionu V. Ledei</b> *, Vasile N. Bercean, Valentin Badea, Mihaela B Ian, 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	<b>Ionu V. Ledei</b> i, Vasile Bercean*, Ionu M. T nase, Andreea Creang , 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*, <b>Ionu V. Ledei</b> i, Valentin Badea, Mihaela B Ian, 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 Ti a*, Adriana Fulia , Geza Bandur, <b>Ionu Ledei</b> i, Dumitru Ti a	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, Codru a oica*, <b>Ionu Ledeti</b> , Mihaela Aluas, Istvan Zupko, Atena Gălu can, Simona Cînta-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	Mireea Nculescu, Petru Budrueac, <b>Ionu Ledeti</b> *, Vasile Pode, Mihail Birzescu	Synthesis and characterization of the polynuclear coordination compound obtained through the reaction of 1,3-propanediol with Cu(NO <sub>3</sub> ) <sub>2</sub> ·3H <sub>2</sub> O	Revue Roumaine de Chimie, 2013, 58(4-5), 387-392	0.393	2013	Coresp
7	<b>Ionu Ledei</b> i, Adriana Fulia *, Gabriela Vase, Titus Vase, Nodae 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 Fulia , Gabriela Vase, Titus Vase, Codru a Soica, Alina Heghes, Marius Craina*, <b>Ionu Ledeti</b>	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	Mireea Nculescu, Dan Rosu, <b>Ionu Ledeti</b> *, Marius Mlea, Petru Budrueac	Thermal and spectroscopic studies of Ni(II)-Fe(III) heteropolynuclear coordination compound obtained through the reaction of 1,2-ethanediol with metallic nitrates	Revue Roumaine de Chimie, 2013, 58(6), 543-552	0.393	2013	Coresp
10	Adriana Fulia , <b>Ionu Ledei</b> i*, Gabriela Vase, Titus Vase	Physico-chemical solid-state characterization of pharmaceutical and	Journal of Pharmaceutical and	2.829	2013	Coresp

		pyrazolones: An unexpected thermal behaviour	Biomedical Analysis, 81–82, July–August 2013, 44–49			
11	Adriana Fulias, Gabriela Vase*, Carmen Grigorie, <b>Ionuț Ledeti</b> i, Paul Albu, Mihai Bilanin, Titus Vase	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 Fulia #, <b>Ionuț Ledeti</b> i#, Gabriela Vase#, C lîn Popoiu#, Alina Heghe #, Mihai Bilanin#, Titus Vase#, Dorina Gheorgheosu, Marius Craina, Simona Ardelean, Otilia M rjinean, Liana Mo	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	<b>Ionuț Ledeti</b> i, Georgeta Simu, Gabriela Vase, Germaine S voiu, Titus Vase, Lenuța-Maria ūta, C lîn Popoiu*, Adriana Fulia	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	Lenuta-Maria Suta, Lavinia Vlaia*, Adriana Fulias, <b>Ionuț Ledeti</b> , Daniel Hădăruș, Constantin Mrcioiu	Evaluation study of the inclusion complexes of some oxicams with 2-hydroxypropyl- $\beta$ -cyclodextrin	Revista de Chimie – Bucharest, 2013, 64(11):1279-1283.	0.677	2013	Coautor
15	<b>Ionuț Ledeti</b> , Adriana Fulias*, Gabriela Vase, Titus Vase, 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 Fulias, Calin Popoiu*, Gabriela Vase, Titus Vase, Daniela Oneti, Germaine Savoiu, Georgeta Simu, Cristina Patruescu, Gheorghe Ilia, <b>Ionuț Ledeti</b>	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 Nodi i, Adriana Fulia *, <b>Ionuț Ledeti</b> i	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 Nodi i, <b>Ionuț Ledeti</b> i*, Georgeta Simu, Lenuta-Maria Suta, Daniela Oneti, Adriana Fulias	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 Fulias, <b>Ionuț Ledeti</b> , Gabriela Vase, Paul Barvinschi, Ludovic Kurunzi	Physicochemical analysis and molecular modeling of the fosinopril $\beta$ -cyclodextrin inclusion complex	Journal of Spectroscopy, 2014, art.no 748468, 1-14 DOI:10.1155/2014/748468	0.538	2014	Coautor
20	<b>Ionuț Ledeti</b> , Georgeta Simu*, Gabriela Vase, Titus Vase, Tudor Clariu, Germaine Savoiu, Lenuta-Maria Suta, Calin Popoiu, Adriana Fulias	N(II) Coordination Compound with Acetaminophen. Synthesis and Characterization	Revista de Chimie – Bucharest, 2014; 65(5): 556-559.	0.810	2014	Prim autor
21	Tudor Clariu, Lenuta-Maria Suta, Calin Popoiu, <b>Ionuț Ledeti</b> *, Georgeta Simu, Germaine Savoiu, Adriana Fulias	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, <b>Ionuț Ledeti</b> , Simona Muntean, Adriana Fulias, 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 Mlea, Dan Rosu, <b>Ionuț Ledeti</b> *, Madian Rafaila, Viorel Sasca, Miorea Niculescu	Synthesis and thermal analysis of the nickel(II) oxalate obtained through the reaction of ethylene glycol with $N(NO_2)_2 \cdot 6H_2O$	Revue Roumaine de Chimie, 2014, 59(6-7), 555-563	0.311	2014	Coresp
24	Iulia Pinzaru, Cristina Trandafirescu, Zoltan Szabadai, Marius Moc, <b>Ionuț Ledeti</b> , 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	<b>Ionuț Ledeti</b> , Titus Vase, Gabriela Vase, 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 Vase, Titus Vase, Adriana Fulias*, <b>Ionuț Ledeti</b> i	Solid-State Analysis of Some Urinary Calculi	Revista de Chimie – Bucharest, 2014; 65(9):1058-1062	0.81	2014	Coautor

27	Mirocea Nculescu, <b>Ionut Ledeti*</b> , 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, <b>Ionut Ledeti*</b> , Tudor Clariu, 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 Vase, Codruta Soica, Vasile Bercean, Titus Vase, <b>Ionut Ledeti*</b>	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 Vase*, Titus Vase, Daniela Onetiu, Nicolae Doca, <b>Ionut Ledeti</b>	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	<b>Ionut Ledeti</b> , Gabriela Vase*, Titus Vase, 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*, <b>Ionut Ledeti</b> , 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 Fulia *, Gabriela Vase, Cristina Dehelean, Titus Vase, <b>Ionu Ledeti</b>	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, <b>Ionut Ledeti</b> , Titus Vase, Gabriela Vase, 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	<b>Ionut Ledeti</b> , 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	<b>Ionut Ledeti</b> , Andra Alexa, Vasile Bercean, Gabriela Vase, Titus Vase, Lenuta-Maria Suta, Adriana Fulia *	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	Lucretia Udrescu*, Adriana Fulia , <b>Ionut Ledeti</b> , Gabriela Vase, 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	<b>Ionut Ledeti</b> , Vasile Bercean*, Andra 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 Sbârcea, Adriana Fulias, <b>Ionut Ledeti</b> , Titus Vase, 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	<b>Ionu Ledeti</b> , Gabriela Vase, Ionel Ciucanu, Tudor Clariu, Adriana Fulia *, Lenuta-Maria Suta, Ionela Belu	Analysis of solid binary systems containing simvastatin	Revista de Chimie – Bucharest, 2015; 66(2): 240-243	0.956	2015	Prim autor
41	Codru Ivan, <b>Ionu Ledeti*</b> , Gabriela Vase, Titus Vase, Adriana Fulia , Sorin Clariu	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, <b>Ionu Ledeti</b> , Liana Dragan, Ludovic Kurunczi, Adriana Fulia *, Lucretia Udrescu	Fosinopril sodium-hydroxypropyl- - 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, <b>Ionut Ledeti*</b> , 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	<b>Ionut Ledeti</b> , Gabriela Vase, Titus Vase, Ionel Ciucanu, Tudor Clariu, Anamaria Todea, Adriana Fulias*, Lenuta-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 Vase, Anamaria Todea, Titus Vase, <b>Ionut Ledeti*</b>	Thermal Characterization of Polymeric Coatings for Pharmaceutical Dosage Forms	Macromolecular Symposia 06/2015; 352(1):59-65. DOI:10.1002/masy.201400	0.913	2015	Coresp

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46	Amina Ramona Popovici, Gabriela Vase*, Titus Vase, Lenu a-Maria Suta, C lin Popoiu, <b>Ionuț Ledeti</b> , Gheorghe Iov nescu, Adriana Fulias	Local anesthetic agents. Part III. Study of solid dosage forms with pharmaceutical excipients	Revista de Chimie – Bucharest, 2015; 66(7):1046-1051	0.956	2015	Coautor
47	Codrut Ivan, Lenuta-Maria Suta, Tudor Clariu, <b>Ionuț Ledeti</b> *, Gabriela Vase, Titus Vase, Sorin Clariu, 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	<b>Ionu Ledeti</b> , Gabriela Vase*, Titus Vase, Vasile Bercean, Adriana Fulia	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 Fulia , Gabriela Vase, Titus Vase, Lenu a-Maria uta, Codru a cica, <b>Ionu Ledeti</b> *	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 Fulia , Gabriela Vase, <b>Ionu Ledeti</b> *, Lenu a-Maria uta	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	<b>Ionuț Ledeti</b> , Gabriela Vase, Titus Vase, Lenuta-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	<b>Ionuț Ledeti</b> , Gabriela Vase, Titus Vase, 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	<b>Ionu Ledeti</b> , tefana Avram*, Vasile Bercean, Gabriela Vase, Titus Vase, Adriana Ledeti* Istvan Zupko, Marius Moc, Lenu a-Maria uta, 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*, <b>Ionuț Ledeti</b> , 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	Lenu a-Maria uta, Gabriela Vase, Titus Vase, Germaine Balint-S voiu, Tudor Clariu, Ionela Belu, Adriana Ledeti*, Marius-Sorin Murariu, Lavinia Stelea, <b>Ionu Ledeti</b>	Thermal characterization of cholesterol in air vs. nitrogen atmosphere	Revista de Chimie – Bucharest, 2016; 67(1):84-86	1.232	2016	Coautor
56	Lenu a-Maria uta, Gabriela Vase, Titus Vase, Tudor Clariu, <b>Ionu Ledeti</b> *, Ionela Belu, Codru Ivan, Cristian Andrei Sarau, Germaine Balint-S voiu, 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	Lenu a-Maria uta, Gabriela Vase, Adriana Ledeti*, Titus Vase, Petru Matusz, Cristina Trandafirescu, Denisa Cîrcoban, Sorin Clariu, Ivan Codruț, Marius Murariu, Lavinia Stelea, <b>Ionuț Ledeti</b>	Solid-State Thermal Behaviour of Cholic Acid	Revista de Chimie – Bucharest, 2016, 67(2): 329-331	1.232	2016	Coautor
58	Adriana Ledeti, Gabriela Vase, <b>Ionuț Ledeti</b> *, Titus Vase, Petru Matusz, Cristina Dehelean, Denisa Cîrcoban, Lavinia Stelea, Lenu a-Maria uta	Thermal Stability of Desipramine and Imipramine	Revista de Chimie – Bucharest, 2016, 67(2): 336-338	1.232	2016	Coresp
59	Laura Sbârcea, Lucre a Udrescu, <b>Ionu Ledeti</b> , Zoltan Szabacsi, Adriana Fulia *, Claudiu Sbârcea	-Cyclodextrin inclusion complexes of lisinopril and zofenopril. Physicochemical characterization and compatibility study of lisinopril- -cyclodextrin with lactose.	Journal of Thermal Analysis and Calorimetry 2016, 123(3): 2377-2390; DOI:10.1007/s10973-015-5045-7	1.953	2016	Coautor
60	Lenuta Maria Suta, Petru Matusz, Adriana Ledeti*, Codrut Ivan, Marius Murariu, Mireoa Constantin Sora, <b>Ionuț</b>	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



	<b>Ledeti</b>					
61	Cristina Trandafirescu, Codruta Soica, Adriana Ledeti, Florin Borcan*, Lenuta-Maria Suta, Marius Murariu, Cristina Dehelean, Daniela Ionescu, <b>Ionut Ledeti</b>	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	<b>Ionut Ledeti</b> , Gabriela Vase, Titus Vase, 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 Clariu, Codrut Ivan, <b>Ionut Ledeti*</b> , Titus Vase, Adriana Ledeti, Nicoleta Iacob, Gratian Mdaus, Petru Matusz, Gabriela Vase	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, <b>Ionut Ledeti</b> , 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, <b>Ionu Ledeti</b> , Dorina Coricovac, Stefan Schweiger, Hermann Stuppner, Cristina Dehelean*, Evelyne Olivier, 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	<b>Ionut Ledeti</b> , Adriana Ledeti*, Gabriela Vase, Titus Vase, 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, <b>Ionut Ledeti*</b> , Gabriela Vase, Titus Vase, 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 for deanoic 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	<b>Ionut Ledeti</b> , Gabriela Vase, Titus Vase, 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	<b>Ionut Ledeti</b> , Vasile Bercean, Gabriela Vase, Titus Vase, 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, <b>Ionu Ledeti</b> , 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, <b>Ionut Ledeti</b> , Gabriela Vase, Adriana Ledeti*, Titus Vase.	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 Vase, Titus Vase, Vasile Bercean, Marius Sorin Murariu, <b>Ionut Ledeti*</b> , 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 Vase, Constantin Bolcu, Dorina Mdra, Mihaela Budiul, <b>Ionu Ledeti</b> , Paul Albu, Titus Vase*	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 Vase, Denisa Cirioban, <b>Ionut Ledeti</b> , Cristina Dehelean, Lavinia Stelea, Titus Vase, Angelica Caunii	Comparative stability of Levodopa under thermal stress in both oxidative and inert media	Revista de Chimie – Bucharest, 2016, 67(12), 2648-2650	1.232	2016	Coresp
75	<b>Ionut Ledeti#</b> , Marius Murariu#, Gabriela Vase, Titus Vase, Nicolae Doca, Adriana Ledeti*, Lenuta-Maria Suta, Tudor Clariu	Investigation of thermal-induced decomposition of icobofom	Journal of Thermal Analysis and Calorimetry, 2017, 127(1); 565-570 DOI: 10.1007/s10973-016-5368-z	1.953	2016/2017	Prim autor

76	Valentina Buda, Mirodora Andor, Adriana Ledeti, <b>Ionuț Ledeti*</b> , Gabriela Vase, Titus Vase, 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	3.226	2016/2017	Coresp
77	Rodica Narcisa Tanasescu, Razvan Bardan, Adriana Ledeti, <b>Ionuț Ledeti</b> , Petru Matusz, Germaine S voiu-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	1.232	2016/2017	Coautor
78	Corina Danciu*, Ersilia Alexa, Stefana Avram, Daliana Minda, Ioana Pavel, Roxana Babuta, Marius Moc, <b>Ionuț Ledeti</b> , 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	1.232	2016/2017	Coautor
79	<b>Ionuț Ledeti</b> , Sorin Bolintineanu, Gabriela Vase, Denisa Cirocban, Adriana Ledeti, Titus Vase, Lenuta-Maria Suta, Angelica Caurii, 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	1.953	2016/2017	Prim autor
80	<b>Ionuț Ledeti</b> , Sorin Bolintineanu, Gabriela Vase, Denisa Cirocban, Cristina Dehelean, Lenuta-Maria Suta, Angelica Caurii, Adriana Ledeti, Titus Vase, 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	1.953	2016/2017	Prim autor
81	<b>Ionuț Ledeti</b> , Mihaela Bucul, Petru Matusz, Gabriela Vase, Denisa Cirocban, Cristina Dehelean, Lenuta-Maria Suta, Angelica Caurii, Adriana Ledeti, Titus Vase, 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	1.953	2016/2018	Prim autor
82	Adriana Ledeti, Gabriela Vase, Titus Vase, Denisa Cirocban, Cristina Dehelean, <b>Ionuț Ledeti*</b> , 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	1.953	2016/2018	Coresp
83	Adriana Ledeti, Gabriela Vase, Titus Vase, Denisa Cirocban, Cristina Dehelean, <b>Ionuț Ledeti*</b>	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	1.953	2016/2018	Coresp
84	Adriana Ledeti, Tudor Clariu, Angelica Caurii, Gabriela Vase, Denisa Cirocban, Bianca Baul, <b>Ionuț Ledeti*</b> , Titus Vase, 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	1.953	2016/2018	Coresp
85	<b>Ionuț Ledeti##</b> , Agneta Pusztai##, Marius Murariu#, Sorin Clariu, Codruț Ivan, Denisa Cirocban, Gabriela Vase, Adriana Ledeti*, Titus Vase, Petru Matusz	Comparative instrumental investigations of some bile acids	Journal of Thermal Analysis and Calorimetry 8 March 2018, Pages 1-6 DOI: 10.1007/s10973-018-7163-5	1.953	2016/2018	Prim autor
86	Denisa Cirocban, <b>Ionuț Ledeti</b> , Gabriela Vase, Adriana Ledeti, Carmen Axente, Titus Vase, Cristina Dehelean	Kinetics of heterogeneous-induced degradation for artesunate and artemether	Journal of Thermal Analysis and Calorimetry 16 April 2018, Pages 1-8 DOI: 10.1007/s10973-018-7257-0	1.953	2016/2018	Coautor
87	Denisa Cirocban, Adriana Ledeti, Gabriela Vase, Dorina Corcovac, Alina Măca, Claudia Farcas, Titus Vase, <b>Ionuț Ledeti*</b> , 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 4 June 2018, Pages 1-10, DOI: 10.1007/s10973-018-7411-8	1.953	2016/2018	Coresp

### C. REZUMATE PREZENTATE LA CONFERINȚE INTERNAȚIONALE (selecție)

1. Compatibility study of the indomethacin with different solid dosage forms excipients  
Dumitru Ti a, Adriana Fulia ,Bogdan Ti a, Eleonora Marian, Ionu Ledei, Geza Bandur  
1 st Central and Eastern European Conference on Thermal Analysis and Calorimetry, 7-10 september 2011, Craiova, România, Book of Abstract, p. 433, PS3.93; ISBN 978-606-11-1893-9
2. Thermal Behaviour and Kinetic Study of some Triazoles as Potential Anti-inflammatory Agents  
Ionu Ledeti, Adriana Fulias, Gabriela Vase, Titus Vase, Vasile Bercean, Nodae Doca  
15th International Congress on Thermal Analysis and Calorimetry (ICTAC) Osaka, Japan; 20-24 august 2012; Kinki University; IC-PH-PS-21
3. Thermal study of antipsychotic active substance aripiprazole and its mixtures with different excipients  
Adriana Fulias, Florin Soponar, Mhaela Maria andru, Balazs Szaniszo, Noulina B dciu, Ionut Ledeti  
3rd World Conference on Physico Chemical Methods in Drug Discovery and Development, September 20-26, 2013, Dubrovnik, Croatia, Abstract Book, poster 23, p. 61.
4. Synthesis, thermoanalytical behavior and EGA study of a highly specific anti-prostate cancer compound-betulinic acid  
Adriana Fulias, Gabriela Vase, Titus Vase, Vasile Bercean, Ionut Ledeti  
3rd World Conference on Physico Chemical Methods in Drug Discovery and Development, September 20-26, 2013, Dubrovnik, Croatia, Abstract Book, poster 24, p. 62.
5. Thermal behavior of antiemetic and gastroprokinetic agent metoclopramide hydrochloride and compatibility study with pharmaceutical excipients  
Adriana Fulias, Gabriela Vase, Titus Vase, Ionut Ledeti  
3rd World Conference on Physico Chemical Methods in Drug Discovery and Development, September 20-26, 2013, Dubrovnik, Croatia, Abstract Book, poster 25, p. 63.
6. Comparative thermal behavior of synthetic thyroid hormone L-thyroxine and L-thyroxine sodium salt hydrate vs. pharmaceutical formulations  
Ionut Ledeti, Gabriela Vase, Titus Vase, Adriana Fulias,  
3rd World Conference on Physico Chemical Methods in Drug Discovery and Development, September 20-26, 2013, Dubrovnik, Croatia, Abstract Book, poster 26, p. 64.
7. Thermoanalytical study on methotrexate-active substance and tablets  
Ionut Ledeti, Gabriela Vase, Titus Vase, Georgeta Simu, Paul Albu, Adriana Fulias  
3rd World Conference on Physico Chemical Methods in Drug Discovery and Development, September 20-26, 2013, Dubrovnik, Croatia, Abstract Book, poster 27, p. 65.
8. Compatibility study of immunosuppressive agent methotrexate with some pharmaceutical excipients  
Ionut Ledeti, Gabriela Vase, Titus Vase, Alina Heghes, Laura Stoarcea, Adriana Fulias,  
3rd World Conference on Physico Chemical Methods in Drug Discovery and Development, September 20-26, 2013, Dubrovnik, Croatia, Abstract Book, poster 28, p. 66.
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978-3-940237-33-0

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ICCE-22; 22st Annual International Conference on Composites/Nano Engineering, Saint Julian, Malta, 13-19 iulie 2014, Session 5ABio2

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- 2. Experimental modeling of new pharmaceutical formulation. Part 1. Pravastatin and excipients  
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- 3. The role of experimental design for obtaining co-crystals in pharmaceutical technology  
**Adriana Fulias**, Gabriela Vase, Codruța Soica, Lenuta-Maria Suta, Ionuț Ledeti  
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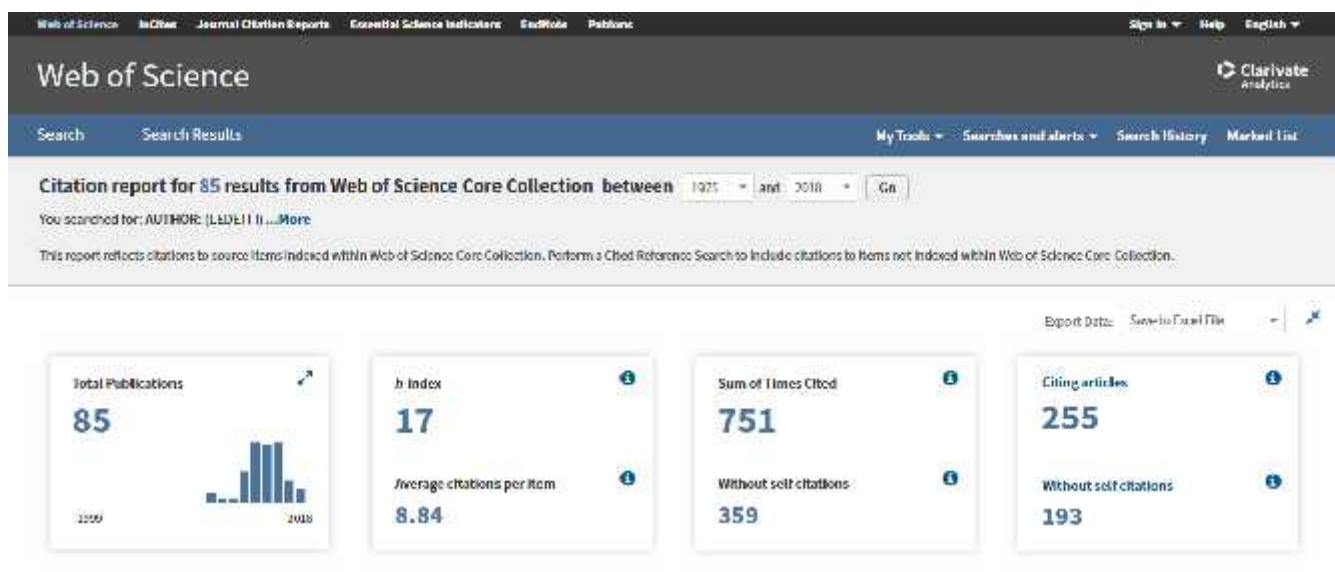
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## F. PROIECTE DE CERCETARE | PUBLICAȚII REZULTATE

- 1) **Director de proiect**, Programul II-C2-TC-2014, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Proiect SYNT, 5000euro, 2014, 5 publicații:
- Kinetic of solid-state degradation of transitional coordinative compounds containing functionalized 1,2,4-triazolic ligand  
 By: Ledeti, Ionuț; Vlase, Gabriela; Vlase, Titus; et al.  
 JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 121 Issue: 3 Pages: 1049-1057 Published: SEP 2015
  - Preparation and Antibacterial Properties of Substituted 1,2,4-Triazoles  
 By: Ledeti, Ionuț; Bercean, Vasile; Alexa, Anda; et al.  
 JOURNAL OF CHEMISTRY Article Number: 879343 Published: 2015
  - Investigations on the Thermal-Induced Degradation of Transitional Coordination Complexes Containing (3H-2-thioxo-1,3,4-thiadiazol-5-yl)thioacetate Moiety  
 By: Ilici, Maria; Bercean, Vasile; Venter, Monica; et al.  
 REVISTA DE CHIMIE Volume: 65 Issue: 10 Pages: 1142-1145 Published: OCT 2014
  - Synthesis and Solid - state Characterization of a Cobalt(II) Triazolic Complex  
 By: Ledeti, Ionuț; Vlase, Titus; Vlase, Gabriela; et al.  
 REVISTA DE CHIMIE Volume: 65 Issue: 8 Pages: 897-902 Published: AUG 2014
  - Alternative Synthesis of Paracetamol and Aspirin under Non-conventional Conditions  
 Record contains structures  
 By: Olariu, Tudor; Suta, Lenuta-Maria; Popoiu, Calin; et al.  
 REVISTA DE CHIMIE Volume: 65 Issue: 6 Pages: 633-635 Published: JUN 2014
- 2) **Responsabil de proiect (Partener P1)**, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Programul Parteneriate în cercetarea fundamentală inovativă UMFT, III-C1-PCFI-2014/2015, Proiect SYNTANTITUM, „Sinteza unor compuși cu potențial activitate antitumorală prin reacții de derivatizare și caracterizarea acestora prin tehnici hibridate. Evaluarea activității antiangiogenice, antineoplazice și antiinflamatoare”, Director de proiect: Conf.univ.dr. FULIA ADRIANA-VIOLETA, 30000 euro, 2014-2015: 6 publicații
- Solid-State Characterization and Biological Activity of Betulonic Acid Derivatives  
 By: Ledeti, Ionuț; Avram, Stefana; Bercean, Vasile; et al.  
 MOLECULES Volume: 20 Issue: 12 Pages: 22691-22702 Published: DEC 2015
  - Synthesis and Degradation of Schiff Bases Containing Heterocyclic Pharmacophore  
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 INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 16 Issue: 1 Pages: 1711-1727 Published: JAN 2015
  - Study on Obtaining 3-oxo-2-(29)-en-28-ic Acid (Betulonic Acid) from (3 beta)-lup-20(29)-en-3,28-diol (betulin)  
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- REVISTA DE CHIMIE Volume: 65 Issue: 11 Pages: 1289-1293 Published: NOV 2014
      4. Thermal behaviour of a modified encapsulation agent Heptakis-6-iodo-6-deoxy-beta-cyclodextrin  
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JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 118 Issue: 2 Pages: 961-966 Published: NOV 2014
      5. Thermal degradation of B-group vitamins: B-1, B-2 and B-6  
By: Fulias, Adriana; Vase, Gabriela; Vase, Titus; et al.  
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      6. Thermal decomposition, kinetic study and evolved gas analysis of 1,3,5-triazine-2,4,6-triamine  
By: Ledeti, Ionut; Vase, Gabriela; Vase, Titus; et al.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 118 Issue: 2 Pages: 1057-1063 Published: NOV 2014
- 3) Cercet tor postdoctoral, membru al grupului int - .l.dr. Ionu-Valentin Ledeti, proiectul POSDRU/159/1.5/S/137750, Universitatea de Vest din Timi oara, „Studiul interac iunilor induse termic la compu i bioactivi prin tehnici hifenate i complementare”, 2014-2015

  1. Solid-state preformulation studies of amiodarone hydrochloride  
By: Ledeti, Adriana; Vase, Gabriela; Vase, Titus; et al.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 126 Issue: 1 Pages: 181-187 Published: OCT 2016
  2. Selection of solid-state excipients for simvastatin dosage forms through thermal and nonthermal techniques  
By: Ledeti, Ionut; Vase, Gabriela; Vase, Titus; et al.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 121 Issue: 3 Pages: 1093-1102 Published: SEP 2015
  3. Kinetic analysis of solid-state degradation of pure pravastatin versus pharmaceutical formulation  
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  5. Analysis of Solid Binary Systems Containing Simvastatin  
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- 4) **Director de proiect** COMPETI IA INTERN A UMF "VICTOR BABE " DIN TIMI OARA, Programul Parteneriate în cercetarea fundamental inovativ UMFT, PIII-C3-PCFI-2016/2017-02, „Cercet ri fundamentale interdisciplinare privind monitorizarea, evaluarea i corelarea proceselor litogenice cu aspectele etiopatogenice prin screening instrumental inovativ (acronim STONES)”, finan are total 135.000 RON;

  1. Optimization of Hollow Aliphatic Polyurethane Particles Used as a Drug Delivery System  
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  8. Solid State Stability of Cholesterol Preliminary kinetic analysis  
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- 5) Cercet tor postdoctoral în proiectul de cercetare Tinere Echipe- PNII-RU-TE-2014-4-0515 "Neurodegenerarea i bolile cerebrale: O nou abordare instrumental de analiz i dezvoltare a unor forme farmaceutice", Director de Proiect ADRIANA-VIOLETA LEDETI (FULIAS), Perioada de finan are: 24 luni, Buget : 495000 lei

  1. Evaluation of thermal stability and kinetic of degradation for levodopa in non-isothermal conditions  
By: Ledeti, Adriana; Olariu, Tudor; Caunii, Angelica; et al.

- JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 131 Issue: 2 Pages: 1881-1888 Published: FEB 2018
2. Kinetic study for solid-state degradation of mental disorder therapeutic agents Amitriptyline, desipramine and imipramine  
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  3. Binary adduct formation of desipramine with dicarboxylic acids An instrumental study  
By: Ledeti, Adriana; Vase, Gabriela; Vase, Titus; et al.  
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  4. Preformulation studies for nortriptyline Solid-state compatibility with pharmaceutical excipients  
By: Ledeti, Ionuț; Budiul, Mihaela; Matusz, Petru; et al.  
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  5. Evaluation of solid-state thermal stability of donepezil in binary mixtures with excipients using instrumental techniques  
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JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 130 Issue: 1 Pages: 425-431 Published: OCT 2017
  6. Compatibility study between antiparkinsonian drug Levodopa and excipients by FTIR spectroscopy, X-ray diffraction and thermal analysis  
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  7. Comparative Stability of Levodopa Under Thermal Stress in both Oxidative and Inert Media  
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JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS Volume: 125 Pages: 33-40 Published: JUN 5 2016
  9. Thermal Stability of Desipramine and Imipramine  
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Timi oara,  
6 iunie 2018

Conf.univ.dr. Ionu -Valentin Ledeti, Dr. Habil.