

**LISTA LUCRĂRILOR**

**A. CĂRȚI**

1. **Lede i Ionu -Valentin**, *Studiul sintezei mercapto-triazolilor func ionaliza i, compu i cu potențială activitate biologic* , Editura Politehnica Timi oara, Seria Teze de doctorat 2(14), 2010, ISBN 978-606-554-217-4, 258 pagini.
2. Georgeta Maria Simu, **Ionu -Valentin Led e i**, *Lucr ri practice i probleme de Chimie fizic pentru farmaci ti*, Lito U.M.F.T., 2008, 164 pagini;
3. Georgeta Maria Simu, **Ionu -Valentin Led e i**, *Chimie Physique Appliquée pour Pharmaciens*, Editura Mirton, Timi oara, 2009, ISBN 978-973-52-0703-8, 126 pagini;
4. **Ionu -Valentin Led e i**, Georgeta Maria Simu, *Chimie fizic aplicat pentru farmaci ti (I)*, Editura Mirton, Timi oara, 2010, ISBN 978-973-52-0908-7, 122 pagini;
5. Georgeta Maria Simu, **Ionu -Valentin Led e i**, *Chimie fizic aplicat pentru farmaci ti (II)*, Editura Mirton, Timi oara, 2011, ISBN 978-973-52-1006-9, 120 pagini;
6. Georgeta Maria Simu, **Ionu -Valentin Led e i**, *Chimie Physique Appliquée – Thermodynamique classique, Propriétés structurales des molécules*, Editura Mirton, Timi oara, 2011, ISBN 978-973-52-1103-5, 110 pagini;
7. **Ionu -Valentin Led e i**, Georgeta Maria Simu, *Chimie Physique Appliquée – Spectroscopie, Electrochimie, Cinétique chimique, Systèmes disperses*, Editura Mirton, Timi oara, 2012, ISBN 978-973-52-1207-0, 128 pagini;
8. Georgeta Maria Simu, Ludovic Kurunczi, **Ionu -Valentin Led e i**, *Chimie Physique Notes de Cours, Tome Second : Spectroscopie, Cinétique et Colloïdes*, Editura Victor Babe , Timi oara, 2014, ISBN 978-606-8456-01-0, 224 pagini.

**B. LUCRĂRI TIINIFICE PUBLICATE ÎN REVISTE CU FACTOR DE IMPACT. Suma factorilor de impact 116.194**

	<b>Autori</b>	<b>Titlu</b>	<b>Jurnal</b>	<b>IF</b>	<b>Anul IF</b>	<b>Autor</b>
<b>1</b>	<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
<b>2</b>	<b>Ionu V. Ledei</b> , 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
<b>3</b>	Vasile Bercean*, <b>Ionu V. Ledei</b> , 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
<b>4</b>	Bogdan Tia*, Adriana Fulia , Geza Bandur, <b>Ionu Ledei</b> , Dumitru Tia	Application of thermal analysis to study the compatibility of sodium diclofenac with different pharmaceutical excipients	Revista de Chimie– Bucure ti 62(4), 2011, 443–454.	0.599	2011	Coautor
<b>5</b>	Cristina Dehelean, Codrua oica*, <b>Ionut Ledeti</b> , Mihaela Aluas, Istvan Zupko, Atena G lu can, SimonaCintaPinzaru 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
<b>6</b>	Mircea Niculescu, Petru Budrugeac, <b>Ionut Ledeti*</b> , Vasile Pode; Mihail Birzescu	Synthesis and characterization of the polynuclear coordination compound obtained through the reaction of 1,3-propanediol with $Cu(NO_3)_2 \cdot 3H_2O$	Revue Roumaine de Chimie, 2013, 58(4-5), 387-392	0.393	2013	Coresp
<b>7</b>	<b>Ionu Ledei</b> , Adriana Fulia *, 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
<b>8</b>	Adriana Fulia , Gabriela Vlase, Titus Vlase, Codrua a Soica,	Comparative kinetic analysis on thermal degradation of some cephalosporins using TG	Chemistry Central Journal, 2013, 7, article no. 70	1.663	2013	Coautor

	Alina Heghes, Marius Craina*, <b>Ionu Ledeti</b>	and DSC data	DOI: 10.1186/1752- 153X-7-70			
9	Mircea Niculescu, Dan Rosu, <b>Ionu Ledeti*</b> , Marius Milea, Petru Budruga	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 Ledeti*</b> , 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 Fulias, Gabriela Vlase*, Carmen Grigorie, <b>Ionu Ledeti</b> , 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	Coauthor
12	Adriana Fulia #, <b>Ionu Ledeti</b> #, Gabriela Vlase #, Călin Popoiu #*, Alina Heghes #, Mihai Bilanin #, Titus Vlase #, Dorina Gheorgheoșu, 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	Coauthor
13	<b>Ionu Ledeti</b> i, Georgeta Simu, Gabriela Vlase, Germaine Săvoiu, Titus Vlase, Lenuța-Maria Țuțu, Călin Popoiu*, Adriana Fulia	Synthesis and Solid-State Characterization of Zn(II) Metal Complex with Acetaminophen.	Revista de Chimie – București, 2013, 64(10), 1127-1130.	0.677	2013	Prim
14	Lenuta-Maria Suta, Lavinia Vlaia*, Adriana Fulias, <b>Ionu Ledeti</b> , Daniel Hadaruga, Constantin Mircioiu	Evaluation study of the inclusion complexes of some oxycams with 2-hydroxypropyl-β-cyclodextrin	Revista de Chimie – Bucharest, 2013; 64(11):1279-1283.	0.677	2013	Coauthor
15	<b>Ionu Ledeti</b> , Adriana Fulias*, Gabriela Vlase, Titus Vlase,	Thermal behaviour and kinetic study of some triazoles as potential anti-inflammatory agents	Journal of Thermal Analysis and Calorimetry,	2.206	2013	Prim

	Vasile Bercean, Nicolae Doca		2013, 114(3): 1295-1305			
16	Adriana Fulias, Calin Popoiu*, Gabriela Vlase, Titus Vlase, Daniela Onetiu, Germaine Savoiu, Georgeta Simu, Cristina Patruescu, Gheorghe Ilia, <b>Ionut Ledeti</b>	Thermoanalytical And Spectroscopic Study On Methotrexate – Active Substance And Tablet	Digest Journal of Nanomaterials and Biostructures; 01/2014; 9(1):93-98.	0.945	2014	Coaut or
17	Gheorghe Nodi i, Adriana Fulia *, <b>Ionut Ledeti</b>	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	Coaut or
18	Gheorghe Nodi i, <b>Ionut Ledeti</b> *, Georgeta Simu, Lenuta-Maria Suta, Daniela Onetiu, Adriana Fulias	Microwave - Assisted synthesis of local anaesthetic procaine from benzocaine	Revista de Chimie – Bucharest, 2014, 65(1), 65-67	0.81	2014	Coresp
19	Lucretia Udrescu*, Laura Sbarcea, Adriana Fulias, <b>Ionut Ledeti</b> , Gabriela Vlase, Paul Barvinschi, Ludovic Kurunczi	Physicochemical analysis and molecular modeling of the fosinopril cyclodextrin inclusion complex	Journal of Spectroscopy, 2014, art.no 748468, 1-14 DOI: 10.1155/2014/7 48468	0.538	2014	Coaut or
20	<b>Ionut Ledeti</b> , Georgeta Simu*, Gabriela Vlase, Titus Vlase, Tudor Olariu, Germaine Savoiu, Lenuta-Maria Suta, Calin Popoiu, Adriana Fulias	Ni(II) Coordination Compound with Acetaminophen. Synthesis and Characterization	Revista de Chimie – Bucharest, 2014; 65(5): 556-559.	0.81	2014	Prim
21	Tudor Olariu, Lenuta-Maria Suta, Calin Popoiu, <b>Ionut 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>Ionut Ledeti</b> , Simona Muntean, Adriana Fulias, Ioana Citu,	Study of the interaction of some pharmaceutical compounds with different cellulosic supports	Revista de Chimie – Bucharest, 2014; 65(6): 664-670.	0.81	2014	Coaut or

	Codruta Soica, Doina Onisei, Germaine SavoIU- Balint, Iulia Pinzaru*, Daniela Ionescu					
23	Mihail Birzescu, Marius Milea, Dan Rosu, <b>Ionu Ledeti*</b> , Madian Rafaila, Viorel Sasca, Mircea Niculescu	Synthesis and thermal analysis of the nickel(II) oxalate obtained through the reaction of ethylene glycol with Ni(NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	Revue Roumaine de Chimie, 2014, 59(6-7), 555- 563	0.311	2014	Coresp
24	Iulia Pinzaru; CristinaTrandafirescu Zoltan Szabadai; Marius Mioc, <b>Ionu 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	Coaut or
25	<b>Ionut Ledeti</b> , Titus Vlase, Gabriela Vlase, LenutaMaria 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
26	Gheorghe Pupca, Viorel Bucuras, Gabriela Vlase, Titus Vlase, Adriana Fulias*, <b>Ionut Lede i</b>	Solid-State Analysis of Some Urinary Calculi	Revista de Chimie – Bucharest, 2014; 65(9):1058- 1062	0.81	2014	Coaut or
27	Mircea Niculescu, <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.j organchem.201 4.05.041	2.173	2014	Coresp
28	Maria Ilici, Vasile Bercean, Monica Venter, <b>Ionut Ledeti*</b> , 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,	Thermal behaviour of a modified encapsulation agent. Heptakis-6-iodo-6-	Journal of Thermal Analysis and	2.042	2014	Coresp

	Vasile Bercean, Titus Vlase, <b>Ionut Ledeti*</b>	deoxy-beta-cyclodextrin	Calorimetry, 2014, 118 (2), 961-966.			
<b>30</b>	Adriana Fulas, Gabriela Vlase*, Titus Vlase, 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	Coaut or
<b>31</b>	<b>Ionut Ledeti,</b> Gabriela Vlase*, Titus Vlase, Nicolae Doca, Vasile Bercean, Adriana Fulas	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
<b>32</b>	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	Coaut or
<b>33</b>	Codruta Soica, Adriana Fulaia *, Gabriela Vlase, Cristina Dehelean, Titus Vlase, <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	Coaut or
<b>34</b>	Adriana Fulas, Codruta Soica, <b>Ionut Ledeti,</b> 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	Coaut or
<b>35</b>	<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
<b>36</b>	<b>Ionut Ledeti;</b> Anda Alexa; Vasile Bercean; Gabriela Vlase; Titus Vlase; Lenu a-Maria uta; Adriana Fulaia *	Synthesis and Degradation of Schiff Bases Containing Heterocyclic Pharmacophore	International Journal Of Molecular Sciences, 2015, 16 (1) 1711- 1727	3.257	2015	Prim
<b>37</b>	Lucre ia Udrescu*, Adriana Fulaia , <b>Ionuț Ledeti,</b> Gabriela Vlase, Paul Barvinschi, Ludovic Kurunczi,	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	Coaut or

	Laura Sbârcea					
38	<b>Ionut Ledeti</b> , 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: 10.1155/2015/8 79343	0.996	2015	Prim
39	Lucretia Udrescu*, Laura Sbarcea, Adriana Fulias, <b>Ionut Ledeti</b> , 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	Coauthor
40	<b>Ionu Lede i</b> ; Gabriela Vlase; Ionel Ciucanu; Tudor Olariu; Adriana Fulia *; Lenu a-Maria uta; Ionela Belu	Analysis of solid binary systems containing simvastatin	Revista de Chimie – Bucharest 2015; 66(2): 240-243	0.956	2015	Prim
41	Ivan Codru , <b>Ionu Lede i *</b> , Gabriela Vlase, Titus Vlase, Adriana Fulia , 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, <b>Ionu Lede i</b> , Liana Dr gan, Ludovic Kurunczi, Adriana Fulia *, Lucre ia 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	Coauthor
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 Vlase; Titus Vlase; Ionel Ciucanu; Tudor Olariu; 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
45	Adriana Fulias; Gabriela Vlase;	Thermal Characterization of Polymeric Coatings for	Macromolecula r Symposia	0.913	2015	Coresp

	Anamaria Todea; Titus Vlase; <b>Ionut Ledeti*</b>	Pharmaceutical Dosage Forms	06/2015; 352(1):59-65. DOI:10.1002/m asy.201400154			
46	Amina Ramona Popovici ; Gabriela Vlase*; Titus Vlase; Lenu a-Maria Suta; C lin Popoiu; <b>Ionut 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; 65(7):1046- 1051	0.956	2015	Coaut or
47	Codrut Ivan, Lenuta-Maria Suta, Tudor Olariu, <b>Ionut Ledeti*</b> , 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	<b>Ionu Lede i</b> , Gabriela Vlase*, Titus Vlase, 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
49	Adriana Fulia , Gabriela Vlase, Titus Vlase, Lenu a-Maria uta, Codru a oica, <b>Ionu Lede i*</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 Vlase, <b>Ionu Lede i*</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>Ionut Ledeti</b> ; Gabriela Vlase; Titus Vlase; 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
52	<b>Ionut Ledeti</b> , 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;	1.781	2015	Prim



			121(3):1103-1110.			
53	<b>Ionu Lede i</b> , tefana Avram*, Vasile Bercean, Gabriela Vlase, Titus Vlase, Adriana Lede i* Istvan Zupko, Marius Mioc, 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
54	Rodica Narcisa Tanasescu, Adriana Fulias*, <b>Ionut 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	Coauthor
55	Lenu a-Maria uta, Gabriela Vlase, Titus Vlase, GermaineBalintS voiu Tudor Olariu, Ionla Belu, Adriana Lede i*, Marius-Sorin Murariu, Lavinia Stelea, <b>Ionu Lede i</b>	Thermal characterization of cholesterol in air vs. nitrogen atmosphere	Revista de Chimie – Bucharest, 2016; 67(1):84- 86	1.232	2016	Coauthor
56	Lenu a-Maria uta, Gabriela Vlase, Titus Vlase, Tudor Olariu, <b>Ionu Lede i*</b> , Ionela Belu, Codru Ivan, CristianAndrei Sarau, GermaineBalintS voiu Lavinia Stelea, Adriana Lede i	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 Vlase, Adriana Lede i*, Titus Vlase, Petru Matusz, Cristina Trandafirescu, Denisa Cîrcioban, Sorin Olariu, Ivan Codruț, Marius Murariu, Lavinia Stelea,	Solid-State Thermal Behaviour of Cholic Acid	Revista de Chimie – Bucharest, 2016, 67(2): 329-331	1.232	2016	Coauthor

	<b>Ionut Ledeti</b>					
58	Adriana Lede i, Gabriela Vlase, <b>Ionut Ledeti*</b> , Titus Vlase, Petru Matusz, Cristina Dehelean, Denisa Cîrcioban, 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 Lede i</b> , Zoltan Szabadai, 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/s 10973-015- 5045-7	1.953	2016	Coaut or
60	Lenuta Maria Suta, Petru Matusz, Adriana Ledeti*, Codrut Ivan, Marius Murariu, MirceaConstantin Sora <b>Ionut Ledeti</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	Coaut or
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	Coaut or
62	<b>Ionut Ledeti</b> , 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
63	Marius Sorin Murariu, Sorin Olariu, Codrut Ivan, <b>Ionut Ledeti*</b> , Titus Vlase, Adriana Ledeti, Nicoleta Iacob, Gratian Miclaus, Petru Matusz,	Correlations Between Morphology and Instrumental Analysis of Human Gallstones - Preliminary Study	Revista de Chimie – Bucharest, 2016, 67(3): 575-579.	1.232	2016	Coresp

	Gabriela Vlase					
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	Coauthor
65	Diana Antal, Iulia Pinzaru, Florin Borcan, Teodora Marti, <b>Ionu Lede i</b> , Dorina Coricovac, Stefan Schweiger, Hermann Stuppner, Cristina Dehelean*, Evelyne Ollivier, Codruta Soica	Inclusion Complexes of the Aurone Sulfuretin and the Chalcone Butein from Cotinus coggygria Wood in Two Cyclodextrin Types First data on physico-chemical properties	Revista de Chimie – Bucharest, 2016, 67(6): 1104-1109	1.232	2016	Coauthor
66	<b>Ionut Ledeti</b> , Adriana Ledeti*, Gabriela Vlase, Titus Vlase, Petru Matusz, Vasile Bercean, LenutaMaria 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
67	Adriana Fulias, <b>Ionut Ledeti*</b> , 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 for oleanolic 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 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
69	<b>Ionut Ledeti</b> , Vasile Bercean, Gabriela Vlase, Titus Vlase, Adriana Ledeti*, LenutaMaria 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
70	Diana Antal, Florina Ardelean	Effects of Cyclodextrin Complexation on the	Revista de Chimie –	1.232	2016	Coauthor

	Iulia Pinzaru, Florin Borcan, <b>Ionu Lede i</b> , Dorina Coricovac, Istvan Zupko, Beatrice Baghdikian, Evelyne Ollivier, Codruta Soica, Sorin Bolintineanu	Anti-cancer Effects of Cotinus coggygria Extract and its Constituents, Butein and Sulfuretin	Bucharest, 2016, 67(8): 1618-1622			
71	Roxana Blajovan, <b>Ionut Ledeti</b> , 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	Coaut or
72	Adriana Ledeti, Gabriela Vlase, Titus Vlase, 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 Vlase, Constantin Bolcu, Dorina Modra, Mihaela Budiul, <b>Ionu Lede i</b> , 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	1.953	2016	Coaut or
74	Adriana Ledeti, Gabriela Vlase, Titus Vlase, Denisa Circioban, Cristina Dehelean, <b>Ionut Ledeti*</b> , Lenuta-Maria Suta	Binary adduct formation of desipramine with dicarboxylic acids: an instrumental study	Journal of Thermal Analysis and Calorimetry, 2016, DOI 10.1007/s10973 -016-5967-8;	1.953	2016	Coresp
75	<b>Ionut Ledeti#</b> , 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, 127 (1); 565- 570	1.953	2016	Prim
76	Adriana Ledeti, Gabriela Vlase, Denisa Circioban, <b>Ionut Ledeti</b> , Cristina Dehelean, Lavinia Stelea, Titus Vlase, Angela 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
77	Valentina Buda,	Comparative Solid-State	INTERNATIO	3.226	2016	Coresp

	Minodora Andor, Adriana Ledeti, <b>Ionut Ledeti*</b> , Gabriela Vlase, Titus Vlase, Carmen Cristescu, Mirela Voicu, Liana Suci, Mirela Tomescu	Stability of Perindopril Active Substance vs. Pharmaceutical Formulation	NAL JOURNAL OF MOLECULAR SCIENCES, 18(1) Article Number: 164 Published: JAN 2017			
<b>78</b>	<b>Adriana Ledeti</b> , Gabriela Vlase, Titus Vlase, Denisa Circioban, Cristina Dehelean, Ionut Ledeti	Kinetic study for solid- state degradation of mental disorder therapeutic agents : amitriptyline, desipramine and imipramine	J Therm Anal Calorim DOI 10.1007/s10973 -016-6064-8 online 29 December 2016	1.953	2016	Prim
<b>79</b>	Diana S. Antal, Iulia Pinzaru, Florin Borcan, Teodora Marti, <b>Ionut Ledeti</b> , Stefan Schwaiger, Hermann Stuppner, Cristina A. Dehelean, Evelyne Ollivier, Dorina Coricovac, Codruta Soica	Inclusion Complexes of the Aurone Sulfuretin and the Chalcone Butein from Cotinus coggygria Wood in Two Cyclodextrin Types. First data on physico-chemical properties	Revista de Chimie – Bucharest, 2016, 67(6), 1104-1109	1.232	2016	Co- autor
<b>80</b>	<b>Ionut Ledeti</b> , Mihaela Budiul, Petru Matusz Gabriela Vlase, Denisa Circioban, 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	J Therm Anal Calorim DOI 10.1007/s10973 -017-6269-5	1.953	2016	Prim
<b>81</b>	Ionut Ledeti Sorin Bolintineanu Gabriela Vlase Denisa Circioban 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	J Therm Anal Calorim DOI 10.1007/s10973 -017-6393-2	1.953	2016	Prim
<b>82</b>	Ionut Ledeti Sorin Bolintineanu Gabriela Vlase Denisa Circioban Cristina Dehelean	Evaluation of solid-state thermal stability of donepezil in binary mixtures with excipients using instrumental	J Therm Anal Calorim DOI 10.1007/s10973 -017-6250-3	1.953	2016	Prim

Lenuta-Maria Suta Angelica Caunii Adriana Ledeti Titus Vlase Marius Murariu	techniques				
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Anul	Total lucr ri	Prim autor	Coresp	Ultim	Coautor	Total IF	IF prim autor	IF coresp	IF ultim	IF coautor
2010	<b>3</b>	2	0	0	1	<b>2.079</b>	1.386	0	0	0.693
2011	<b>1</b>	0	0	0	1	<b>0.599</b>	0	0	0	0.599
2012	<b>1</b>	0	0	0	1	<b>3.281</b>	0	0	0	3.281
2013	<b>10</b>	3	3	1	3	<b>13.100</b>	3.276	3.615	1.663	4.546
2014	<b>20</b>	4	6	5	5	<b>23.222</b>	4.472	6.956	6.784	5.010
2015	<b>19</b>	8	6	0	5	<b>26.935</b>	13.973	7.343	0	5.619
2016	<b>22</b>	4	8	4	6	<b>35.26</b>	10.346	10.107	4.474	10.333
2017	<b>5</b>	4	1	0	0	<b>11.718</b>	7.812	3.906	0	0
<b>TOTAL</b>	<b>82</b>	<b>25</b>	<b>24</b>	<b>10</b>	<b>22</b>	<b>116.194</b>	<b>41.265</b>	<b>31.927</b>	<b>12.921</b>	<b>30.081</b>

## C. LUCRĂRI TIINIFICE ÎN REZUMAT LA MANIFESTĂRI TIINIFICE INTERNAȚIONALE (selectie)

1. *Compatibility study of the indomethacin with different solid dosage forms excipients*  
Dumitru Tia, Adriana Fulia, Bogdan Tia, Eleonora Marian, Ionu Ledeti, Geza Bandur  
1st 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 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
3. *Thermal study of antipsychotic active substance aripiprazole and its mixtures with different excipients*  
Adriana Fulias, Florin Soponar, Mihaela Maria Andru, Balazs Szaniszló, Niculina Bădicu, Ionu 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-betulonic acid*  
Adriana Fulias, Gabriela Vlase, Titus Vlase, Vasile Bercean, Ionu 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 Vlase, Titus Vlase, Ionu 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*  
Ionu Ledeti, Gabriela Vlase, Titus Vlase, 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*  
Ionu Ledeti, Gabriela Vlase, Titus Vlase, 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*  
Ionu Ledeti, Gabriela Vlase, Titus Vlase, Alina Heghes, Laura Sârcea, Adriana Fulias,  
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9. *Solid-state characterization of antiarrhythmic agent amiodarone hydrochloride under non-isothermal conditions. Compatibility study with some pharmaceutical excipients*  
Ionu Ledeti, Gabriela Vlase, Titus Vlase, Lucretia Udrescu, Adriana Fulias,  
3rd World Conference on Physico Chemical Methods in Drug Discovery and Development, September 20-26, 2013, Dubrovnik, Croatia, Abstract Book, poster 29, p. 67.
10. *Inclusion complexes between pentacyclic triterpenes and amphiphilic cyclodextrins: synthesis and physico-chemical and pharmacological analysis*

Codruta Soica, Cristina Trandafirescu, Florin Borcan, Corina Danciu, Stefana Avram, Rita Ambrus, Istvan Zupko, Ionut Ledeti, Adriana Fulias, Cristina Dehelean  
3rd World Conference on Physico Chemical Methods in Drug Discovery and Development, September 20-26, 2013, Dubrovnik, Croatia, Abstract Book, poster 30, p. 68.

11. Thermal decomposition, kinetic study and evolved gas analysis of fire-retardant melamine

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12. Thermal Degradation and Kinetic Study for B-group Vitamins: B1, B2 and B6

Adriana Fulia ; Ionu Lede i; Gabriela Vlase; Titus Vlase; Daniela One iu; Dorel S ndesc; Adrian Bobic ; Nicolae Doca  
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13. Synthesis, thermal behaviour and kinetic study of new triazolic complexes with Ni(II), Co(II) and Cd(II)

Ionu Lede i; Adriana Fulia ; Maria Ilici; Vasile Bercean; Gabriela Vlase; Paul Albu; Violeta Turcu ; Titus Vlase  
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14. Thermal behaviour of a modified encapsulation agent: heptakis-6-iodo-6-deoxy-beta-cyclodextrin

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15. Synthesis and thermal behaviour of coordination compounds of (3H-2-thioxo-1,3,4-thiadiazol-5-yl)thioacetic acid

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18. Synthesis and physico-chemical characterization of new phenylalkyl 1,2,4-triazoles

Ionu Lede i, Vasile Bercean, Anda Alexa, Adriana Fulia  
31 august- 4 septembrie 2014, Istanbul, Turcia, 5<sup>th</sup> EuCheMS Chemistry Congress, P-G:D-002, p. 1395

19. Kinetic study of betulonic acid

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20. Thermal characterization of polymeric coatings for pharmaceutical dosage forms



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21. Ketoprofen-cysteine cocrystal – synthesis, thermal analysis and FTIR spectroscopy investigation  
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22. Screening and characterization of cocrystal formation of carbamazepine with succinic acid  
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23. Solid-state evaluation of compatibility between simvastatin and pharmaceutical excipients  
Ionut Ledeti, Gabriela Vlase, Titus Vlase, Lenuta-Maria Suta, Ana Todea, Ionel Ciucanu, Adriana  
Fulia XXXVI National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamics,  
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24. Kinetic study regarding the decomposition of pravastatin-active substance and tablet  
Ionut Ledeti, Gabriela Vlase, Titus Vlase, Lenuta-Maria Suta, Ana Todea, Ionel Ciucanu, Adriana  
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25. Kinetic of solid state degradation of tranzitional coordinative compounds containing 1,2,4 –  
triazolic ligand  
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26. Theophylline:succinic acid 2:1 cocrystals obtained by slurry grinding  
Adriana Fulia , Gabriela Vlase, Titus Vlase, Alin Mogos, Lenuta-Maria Suta, Ionut Ledeti  
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27. Solid state decomposition of Schiff bases bearing 1,2,4-triazolic moiety  
Ionut Ledeti, Anda Alexa, Vasile Bercean, Titus Vlase, Alin Mogos, Adriana Fulia  
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28. Experimental modeling of new pharmaceutical formulation. Part I. Pravastatin and excipients  
Ionu Ledeti, Gabriela Vlase, Titus Vlase, Lenu a-Maria uta, Ionel Ciucanu, Anamaria Todea,  
Adriana Fulia  
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29. The role of experimental design for obtaining co-crystals in pharmaceutical technology  
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30. Synthesis and physico-chemical characterization of ibuprofen-cysteine cocrystal  
Adriana Fulia , Gabriela Vlase, Ionu Lede i.  
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31. Solid-state characterization of micophenolic acid  
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34. Thermal degradation of two pentacyclic triterpene acids: oleanolic and ursolic. Kinetic study  
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37. Search of interaction indicators in binary mixtures of Pravastatin sodium with pharmaceutical excipients  
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38. Is oxo group a stabilising or destabilising moiety in pentacyclic triterpenoid structure?  
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Adriana Fulia , Gabriela Vlase, Titus Vlase, Lenu a-Maria uta, Ionu Lede i  
Book of Abstracts of CCTA12 - 12th Conference On Calorimetry And Thermal Analysis Of The Polish Society Of Calorimetry And Thermal Analysis (Ptkat) And 5th Joint Czech - Hungarian - Polish

– Slovakian Thermoanalytical Conference, 6-10 September 2015, Zakopane, Poland, ISBN 978-83-7784-684-1 S07\_P10, p. 430; Finantare: POSDRU/159/1.5/S/136893

**46. Application of thermal analysis, DSC and FTIR study in the compatibility testing of amiodarone hydrochloride with different pharmaceutical excipients used in tablets formulations. Solid-state characterization**

Adriana Fulia , Gabriela Vlase, Titus Vlase, Lenu a uta, Ionu Lede i

Book of Abstracts of CCTA12 - 12th Conference On Calorimetry And Thermal Analysis Of The Polish Society Of Calorimetry And Thermal Analysis (Ptkat) And 5th Joint Czech - Hungarian - Polish – Slovakian Thermoanalytical Conference, 6-10 September 2015, Zakopane, Poland, ISBN 978-83-7784-684-1 S07\_P9, p. 429. Finantare: POSDRU/159/1.5/S/137750

**47. Physico-chemical analysis of new synthetic derivatives from triterpenoid class**

Adriana Fulia , Ionu Lede i, Gabriela Vlase, Lenu a-Maria uta, Titus Vlase

Book of Abstracts of Joint Event Fourth World Conference on Physico-Chemical Methods in Drug Discovery and Development & First World Conference on ADMET and DMPK, 21-24 September 2015, Red Island, Croatia, PP28, p. 68. Finantare: PIII-C1-CFI-2014/2015-03

**48. Comparative thermal stability of statins**

Ionu Lede i, Gabriela Vlase, Titus Vlase, Lenu a-Maria uta, Ionel Ciucanu, Adriana Fulia

Book of Abstracts of Joint Event Fourth World Conference on Physico-Chemical Methods in Drug Discovery and Development & First World Conference on ADMET and DMPK, 21-24 September 2015, Red Island, Croatia, PP29, p. 69. Finantare: POSDRU/159/1.5/S/137750

**49. Employment of hyphenated techniques for analysis of betulin-type compounds**

Ionu Lede i, Gabriela Vlase, Lenu a-Maria uta, Titus Vlase, Adriana Fulia

Book of Abstracts of Joint Event Fourth World Conference on Physico-Chemical Methods in Drug Discovery and Development & First World Conference on ADMET and DMPK, 21-24 September 2015, Red Island, Croatia, PP29, p. 69. Finantare: PIII-C1-CFI-2014/2015-03

**50. Binary mixtures of desipramine and excipients - Compatibility studies**

Adriana Ledeti, Gabriela Vlase, Titus Vlase, Denisa Circioban, Cristina Dehelean, Lenuta Maria Suta, Ionut Ledeti

XXXVIII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamics - AICAT-GICAT 2016, September 25-28, 2016, Ischia (NA), Italy, Book of abstract, p. 61

**51. Solid - State Characterization of Levodopa – Preformulation Studies**

Adriana Ledeti, Gabriela Vlase, Titus Vlase, Denisa Circioban, Cristina Dehelean, Lenuta Maria Suta, Ionut Ledeti

XXXVIII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamics - AICAT-GICAT 2016, September 25-28, 2016, Ischia (NA), Italy, Book of abstract, p.62

**52. Study of Compatibility of Donepezil and Pharmaceutical Excipients**

Ionut Ledeti, Gabriela Vlase, Titus Vlase, Cristina Dehelean, Denisa Circioban, Lenuta Maria Suta, Adriana Ledeti

XXXVIII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamics - AICAT-GICAT 2016, September 25-28, 2016, Ischia (NA), Italy, Book of abstract, p.63

**53. Nortriptyline - Kinetic Approach of Thermal Degradation**

Ionut Ledeti, Gabriela Vlase, Titus Vlase, Cristina Dehelean, Denisa Circioban, Lenuta Maria Suta, **Adriana Ledeti**

XXXVIII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamics - AICAT-GICAT 2016, September 25-28, 2016, Ischia (NA), Italy, Book of abstract, p. 64

**54. Compatibility Study of Nortriptyline with Some Pharmaceutical Excipients**

Gabriela Vlase, **Adriana Ledeti**, Ionut Ledeti, Titus Vlase

XXXVIII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamics - AICAT-GICAT 2016, September 25-28, 2016, Ischia (NA), Italy, Book of abstract, p. 87

**55. Kinetic Study of Thermal Degradation of Levodopa from Dsc Data**

Gabriela Vlase, **Adriana Ledeti**, Ionut Ledeti, Titus Vlase

XXXVIII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamics - AICAT-GICAT 2016, September 25-28, 2016, Ischia (NA), Italy, Book of abstract, p. 88

## **D. COMUNIC RI ORALE**

### **D.1. Participare la manifest ri științifice naționale cu participare internațională**

**1. Synthesis, Thermal Behaviour And Kinetic Study Of A New Triazolic Zinc(II) Complex**

Fulia Adriana, Ledeti Ionu , Gabriela Vlase, Szollossi Andrea, Vlase Titus

Zilele Academice 2013

**2. Experimental modeling of new pharmaceutical formulation. Part 1. Pravastatin and excipients**

Ionut Ledeti, Gabriela Vlase, Titus Vlase, Lenuta-Maria Suta, Ionel Ciucanu, Ana Todea, **Adriana Fulias**

Molecular Modeling in Chemistry and Biochemistry, 13-15 november 2014, Cluj-Napoca, Romania, P-8, p.40 Book of abstracts

**3. The role of experimental design for obtaining co-crystals in pharmaceutical technology**

**Adriana Fulias**, Gabriela Vlase, Codruta Soica, Lenuta-Maria Suta, Ionut Ledeti

Molecular Modeling in Chemistry and Biochemistry, 13-15 november 2014, Cluj-Napoca, Romania, P-9, p.41, Book of abstracts

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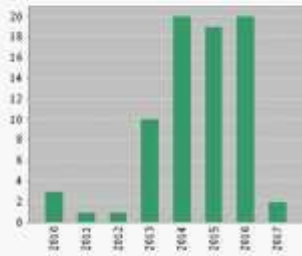
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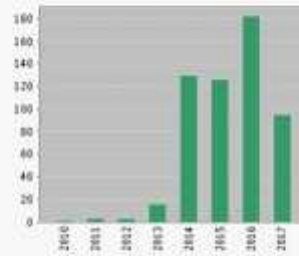
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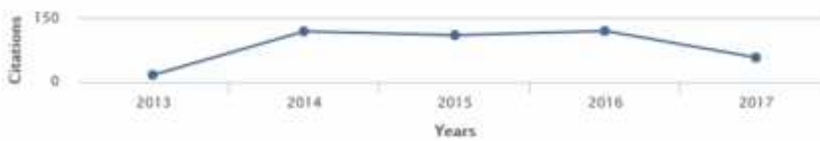
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## F. PROGRAME NA IONALE

Nr	Programul/Proiectul	Func ia	Perioada:
1.	PROGRAMUL PARTENERIATE ÎN CERCETAREA FUNDAMENTAL INOVATIV UMFT, PIII-C3-PCFI-2016/2017 Cercetari fundamentale interdisciplinare privind monitorizarea, evaluarea si corelarea proceselor litogenice cu aspectele etiopatogenice prin screening instrumental inovativ, acronim STONES,	Director Proiect	Perioada de finan are : 24 luni Buget : 30000 euro
2.	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	Pozi ia : cercet tor postdoctor al	Perioada de finan are : 24 luni Buget : 495000 lei
3.	PROGRAMUL PARTENERIATE ÎN CERCETAREA FUNDAMENTAL INOVATIV UMFT, III-C1-PCFI-2014/2015, Sinteza unor compu i cu poten ial activitate antitumoral prin reac ii de derivatizare i caracterizarea acestora prin tehnici hifenate. Evaluarea activit ii antiangiogenice, antineoplazice i antiinflamatoare, acronim SYNTANTITUM	Responsabil proiect	Perioada de finan are : 24 luni Buget : 30000 euro
4.	PROIECTE PENTRU TINERI CERCETATORI PROGRAMUL II-C2-TC-2014-08 Studii privind sinteza, caracterizarea, comportarea fizico-chimic i evaluarea bioactivit ii prin screening complex a unor deriva i triazolici i triterpenici, acronim SYNT	Membru	Perioada de finan are : 12 luni Buget : 5000 euro
5.	Proiect "Doctoral and Postdoctoral programs support for increased competitiveness in Exact Sciences research" cofinanced by the European Social Fund within the Sectoral Operational Programme Human Resources Development 2007-2013" Universitatea de Vest din Timi oara, POSDRU/159/1.5/S/137750 Cercet tor postdoctoral - dr. Lede i Ionu	Membru Burs postdoctor al –	Perioada de finan are : 18 luni

22.06.2017

Conf.univ. Dr. Lede i Ionu