

Candidat: Prof. Dr. Valentina UIVAROSI

**Fișa de îndeplinire a standardelor minimale  
(Panelul 3, Științe biomedicale, Farmacie)**

Nr. crt	Activitatea	Tipul activitatilor	Categoriile și restricții	Subcategoriile
0	1	2	3	4
1	Didactica și profesională	1.1 cărți și capitole în cărți de specialitate (cu ISBN) - autor/coautor	<p><i>1 capitol în tratat internațional = 1 carte națională</i>  <i>1 carte internațională = 3 cărți naționale</i></p> <p>1. Properties of metals and metal ions related to QSAR studies, Chapter 3 in Walker JD, Newman, MC, Enache E. Fundamental QSARs for metal ions. CRC Press, Taylor and Francis Group, Boca Raton, Florida, 2012. ISBN 978-1-4200-8433-7; p. 51-96</p>	Internațional
		1.2 cărți și capitole în cărți de specialitate (cu ISBN) - coordonator	<p><i>Profesor – 2 cărți (din care una ca prim autor sau autor unic) sau 6 capitole în tratate, de la ultima promovare</i></p> <p>1. <b>Uivarosi V.</b> <i>Chimie generală</i>. Ed. Universitară „Carol Davila”, București, 2013. ISBN 978-973-708-701-0; 285 p.</p> <p>2. Rusu A, <b>Uivarosi V.</b> <i>Chinolone antibacteriene - Evoluție și perspective de dezvoltare</i>, Ed. Medicală, București, 2013. ISBN 978-973-39-0760-2; 307 p.</p> <p>3. Aldea V, <b>Uivarosi V.</b> <i>Chimie anorganică-Curs universitar</i>, Ed. Tehnoplast Company, 2007; ISBN 978-973-8932-11-1; 303 p.</p> <p>4. <b>Uivarosi V.</b> <i>Ionii metalici și fluorochinolonele. Interacțiuni chimice și clinice</i>, Atlas Press, București, 2005. ISBN 973-7767-07-1; 160 p.</p>	Național
2	Cercetare	2.1. articole în extenso în reviste cotate ISI Thomson Reuters (articole în reviste cu factor de impact) în calitate	<p><i>Profesor – minim 6 articole</i></p> <p>1. Munteanu A, <b>Uivarosi V*</b>, Andries A. Recent progress in understanding the molecular mechanisms of radioresistance in <i>Deinococcus</i> bacteria. <i>Extremophiles</i> 2015, DOI: 10.1007/s00792-015-0759-9; ISSN 1431-0651. <b>IF 2.306</b></p> <p>2. Gruia MI, Negoita V, Vasilescu M, Panait M, Gruia I, Velescu BS, <b>Uivarosi V.</b> Biochemical action of some new complexes of ruthenium with quinolones as potential antitumoral agents.</p>	internationale naționale

	de autor principal, de la ultima promovare	<p><i>Anticancer Res</i> 2015; 35(6):3371-3378; ISSN 0250-7005. <b>IF 1.826</b></p> <p>3. Rusu A, Hancu G, <b>Uivarosi V</b>. Fluoroquinolone pollution of food, water and soil, and bacterial resistance. <i>Environ Chem Lett</i> 2015; 13(1):21-36; ISSN 1610-3653. <b>IF 2.573</b></p> <p>4. Velescu B, Anuța V, <b>Uivarosi V</b>. Pharmacokinetic evaluation of a novel ruthenium-ofloxacin complex, as potential therapeutic agent. <i>Farmacia</i> 2014; 62(5):1009-1024; ISSN 0014-8237. <b>IF 1.251</b></p> <p>5. <b>Uivarosi V</b>, Pahonțu E, Munteanu A. Synthesis, characterization, and fluorescent properties of new complexes of 5-hydroxyflavone with some divalent metal ions. <i>Rev Chim</i> 2014, 65(1):33-38; ISSN 0034-7752. <b>IF 0.677</b></p> <p>6. <b>Uivarosi V</b>. Metal complexes of quinolone antibiotics and their applications: an update. <i>Molecules</i> 2013; 18(9):11153-11197; ISSN 1420-3049. <b>IF 2.428</b></p> <p>7. <b>Uivarosi V</b>, Badea M, Olar R, Draghici C, Barbuceanu SF. Synthesis and Characterization of some new complexes of magnesium (II) and zinc (II) with the natural flavonoid primuletin. <i>Molecules</i> 2013; 18(7):7631-7645; ISSN 1420-3049. <b>IF 2.428</b></p> <p>8. <b>Uivarosi V</b>, Badea M, Aldea V, Chirigiu L, Olar R. Thermal and spectral studies of palladium(II) and platinum(IV) complexes with dithiocarbamate derivatives. <i>J Therm Anal Calorim</i> 2013, 111(2), 1177-1182; ISSN 1388-6150. <b>IF 1.982</b></p> <p>9. Dinu-Pirvu, C, Arama, CC, Radu, C, <b>Uivarosi, V</b>. Preliminary preformulation studies for a new norfloxacin ruthenium (III) complex with biological activity. <i>Farmacia</i> 2013, 61(2), 251-261; ISSN 0014-8237. <b>IF 0.578</b></p> <p>10. <b>Uivarosi V</b>, Dinu Pirvu C, Ghica M, Anuta V. Preformulation studies using cosolvent systems to increase the solubility of a new enrofloxacin ruthenium (III) complex with biological activity. <i>Farmacia</i>, 2013, 61(1), 127-142; ISSN 0014-8237. <b>IF 0.578</b></p> <p>11. Velescu BS, <b>Uivarosi V*</b>, Negres S. Effect of di-<math>\mu</math>-hydroxo-bis(quercetinatooxovanadium(IV)) complex on alloxan-induced diabetic rats. <i>Farmacia</i> 2012, 60(5), 696-710; ISSN 0014-8237. <b>IF 0.578</b></p> <p>12. <b>Uivarosi V</b>, Badea M, Olar R, Marinescu D, Nicolescu TO, Nitulescu GM. Thermal degradation behavior of some ruthenium complexes with fluoroquinolone derivatives as potential antitumor agents. <i>J Therm Anal Calorim</i> 2011, 105(2), 645-650; ISSN 1388-6150. <b>IF 1.604</b></p> <p>13. <b>Uivarosi V</b>, Barbuceanu SF, Aldea V, Arama CC, Badea M, Olar R, Marinescu D. Synthesis, spectral and thermal studies of new rutin vanadyl complexes. <i>Molecules</i> 2010, 15(3), 1578-1589; ISSN 1420-3049. <b>IF 1.98</b></p>	
	2.2. articole in extenso in reviste si volumele unor manifestari stiintifice indexate ISI sau in alte BDI	<p><i>Profesor – minim 25 articole, din care 5 de la ultima promovare</i></p> <p>14. Badea M, Patrascu F, Cerc Korošec R, Bukovec P, Raita M, Chifiriuc MC, Marutescu L, Bleotu C, Velescu B, Marinescu D, <b>Uivarosi V</b>, Olar R. Thermal, spectral, magnetic and biologic characterization of new Ni(II), Cu(II) and Zn(II) complexes with a hexaazamacrocyclic ligand bearing ketopyridine moieties. <i>J Therm Anal Calorim</i> 2014; 118(2): 1183-1193; ISSN 1388-6150. <b>IF 2.206</b></p> <p>15. Barbuceanu SF, Iliés DC, Saramet G, <b>Uivarosi V</b>, Draghici C, Radulescu V. Synthesis and</p>	1 articol ISI cu I.F. < 1 = 3 articole in reviste indexate BDI dar nu si invers

		<p>antioxidant activity evaluation of new compounds from hydrazinecarbothioamide and 1,2,4-triazole class containing diarylsulfone and 2,4-difluorophenyl moieties. <i>Int J Mol Sci</i> 2014; 15(6):10908-10925; ISSN 1422-0067. <b>IF 2.339</b></p> <p>16. Badea M, Olar R, <b>Uivarosi V</b>, Marinescu D, Aldea V. Synthesis and characterization of some vanadyl complexes with flavonoid derivatives as potential insulin-mimetic agents. <i>J Therm Anal Calorim</i>, 2012, 107(1), 279-285; ISSN 1388-6150. <b>IF 1.982</b></p> <p>17. Badea M, Olar R, <b>Uivarosi V</b>, Marinescu D, Aldea V, Barbuceanu SF, Nitulescu GM. Thermal behavior of some vanadyl complexes with flavone derivatives as potential insulin-mimetic agents. <i>J Therm Anal Calorim</i> 2011, 105(2), 559-564; ISSN 1388-6150. <b>IF 1.604</b></p> <p>18. Badea M, Olar R, Marinescu D, <b>Uivarosi V</b>, Nicolescu TO, Iacob D. Thermal study of some new quinolone ruthenium(III) complexes with potential cytostatic activity. <i>J Therm Anal Calorim</i> 2010, 99(3), 829-834; ISSN 1388-6150. <b>IF 1.752</b></p> <p>19. Badea M, Olar R, Marinescu D, <b>Uivarosi V</b>, Aldea V, Nicolescu TO. Thermal stability of new vanadyl complexes with flavonoid derivatives as potential insulin-mimetic agents. <i>J Therm Anal Calorim</i> 2010, 99(3), 823-827; ISSN 1388-6150. <b>IF 1.752</b></p> <p>20. Dinu M, <b>Uivarosi V</b>, Popescu ML, Radulescu V, Arama CC, Nicolescu TO, Ancuceanu RV. Proximate composition and some physico-chemical properties of Abutilon theophrasti (velvetleaf) seed oil. <i>Rev Chim</i> 2010, 61(1), 50-54; ISSN 0034-7752. <b>IF 0.693</b></p> <p>21. Lupsor S, <b>Uivarosi V</b>, Iovu M. Rapid synthesis of azole animals under microwave heating conditions. <i>Rev Chim</i> 2010, 61(3), 333-335; ISSN 0034-7752. <b>IF 0.693</b></p> <p>22. Badea M, Olar R, Marinescu D, <b>Uivarosi V</b>, Iacob D. Thermal decomposition of some biologically active complexes of ruthenium (III) with quinolone derivatives. <i>J Therm Anal Calorim</i> 2009, 97(2), 735-739; ISSN 1388-6150. <b>IF 1.587</b></p> <p>23. <b>Uivarosi V</b>, Monciu CM. Studies on the gravimetric and spectrophotometric analysis of norfloxacin using ammonium reineckate. <i>Rev Chim</i> 2009, 60(2), 132-136; ISSN 0034-7752. <b>IF 0.695</b></p> <p>24. <b>Uivarosi V</b>, Monciu CM. The gravimetric and spectrophotometric assay of ofloxacin using ammonium reineckate. <i>Rev Chim</i> 2005, 56(7), 726-730; ISSN 0034-7752. <b>IF 0.291</b></p> <p>25. Velescu BS, <b>Uivarosi V*</b>, Buzescu A, Sarbu I, Ionescu E, Anuta V. Pharmacokinetic profile evaluation of di-<math>\mu</math>-hydroxobis(queracetinatooxovanadium(IV)) complex. <i>Curr Health Sci J</i> 2014, 40(4):265-270; ISSN: 2067 - 0656.</p> <p>26. Velescu BS, <b>Uivarosi V</b>, Anuta V, Buzescu A, Negres S. Pharmacodynamic and pharmacokinetic studies on novel vanadyl chrysin complex. <i>Stud Univ Vasile Goldis Arad Ser Stiint Vietii</i> 2012, 22(4):525-530; ISSN: 1584-2363.</p> <p>27. Arsene AL, <b>Uivarosi V</b>, Mitrea N, Dragoi CM, Nicolae A. The binding properties of some novel ruthenium (III) complexes with human serum transferrin. <i>Biopolymers and Cell</i> 2011, 27(2):141 – 146; ISSN: 0233-7657.</p> <p>28. <b>Uivarosi V</b>. Sodium tetraphenylborate-analytical uses. Note I. Reaction with ofloxacin, <i>Farmacia</i> 2005, 53(4):47-53; ISSN 0014-8237.</p> <p>29. <b>Uivarosi V</b>. Sodium tetraphenylborate-analytical uses. Note II. New methods for the assay of</p>	<p>1 articol ISI cu I.F.<math>\geq</math>1 = 5 articole in reviste indexate BDI dar nu si invers (I.F.= impact factor)</p>
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			<p>ofloxacin. <i>Farmacia</i> 2005, 53(5):76-82; ISSN 0014-8237.</p> <p>30. <b>Uivarosi V</b>, Reaction of ofloxacin with picric acid. Note I: Synthesis and characterization of ofloxacin picrate. <i>Farmacia</i> 2005, 53(2):113-120; ISSN 0014-8237.</p> <p>31. <b>Uivarosi V</b>, Reaction of ofloxacin with picric acid. Note II. New methods for the assay of ofloxacin. <i>Farmacia</i> 2005, 53(3):5-10; ISSN 0014-8237.</p> <p>32. <b>Uivarosi V</b>, Reaction of some fluoroquinolone antibiotics with picrolonic acid. Note I. <i>Farmacia</i> 2002, 50(4):22-28; ISSN 0014-8237.</p> <p>33. <b>Uivarosi V</b>, Reaction of some fluoroquinolone antibiotics with picrolonic acid. Note II. <i>Farmacia</i> 2002, 50(6):67-71; ISSN 0014-8237.</p> <p>34. <b>Uivarosi V</b>, Aramă C. Contributions to the spectrophotometric analyses of norfloxacin. <i>Farmacia</i> 2002, 50(3):71-77; ISSN 0014-8237.</p> <p>35. <b>Uivarosi V</b>, Aramă C. Application of the UV spectrophotometry from quantitative determination of ofloxacin. <i>Farmacia</i> 2002, 50(2):63-68; ISSN 0014-8237.</p> <p>36. <b>Uivarosi V</b>, Neagoe S, Aldea V, Nițulescu A. Structure and antimicrobial activity of some new norfloxacin and ofloxacin divalent metal ion complexes. <i>Roum Arch Microbiol Immunol</i> 2001, 60(3):267-77; ISSN: 1222-3891.</p> <p>37. Aldea V, <b>Uivarosi V</b>. Aplicații ale compușilor borului în terapia antitumorală. <i>Farmacia</i> 2000, 48(3):17-25; ISSN 0014-8237.</p> <p>38. Aldea V, <b>Uivarosi V</b>. Seleniul și implicațiile lui biomedicale. <i>Farmacia</i> 2000, 48(2):61-73; ISSN 0014-8237.</p> <p>39. Aldea V, <b>Uivarosi V</b>. Aluminiul în sistemele biologice. <i>Farmacia</i> 2000, 48(1):45-51; ISSN 0014-8237.</p> <p>40. Aldea V, <b>Uivarosi V</b>, Carp N, Carp S. Studiul prin spectrofotometrie derivativă de absorbție a interacțiunii benzilpenicilinei în soluții apoase cu ionul Cr<sup>3+</sup>. <i>Farmacia</i> 1999, 47(6):15-26; ISSN 0014-8237.</p>	
	2.3 granturi /proiecte castigate prin competitie (director /responsabil proiect)		<p><i>Profesor – minim 3 granturi/proiecte, din care 1 ca director de proiect</i></p> <p>2012-2016 PNII Parteneriate, Contract nr. 136/2012: “Conceperea și dezvoltarea unor sisteme de transport și cedare pentru noi compuși de ruteniu cu acțiune antitumorală” – <b>director de proiect</b></p> <p>2012-2013 PNII Capacități, Modulul III, proiect bilateral România-Turcia, Contract nr. 541/2012: „Dezvoltarea de sisteme cu solubilitate îmbunătățită pentru noi combinații complexe de ruteniu (III) cu antibiotice chinolonice și testarea activității anticancer a acestora” – <b>director partea română</b></p> <p>2007-2010 PNII Parteneriate, Contract nr. 61048/2007: "Sinteza, caracterizarea și testarea acțiunii biologice a unor noi combinații complexe ale ruteniului, alternativă potențială la terapia cu compuși ai platinei” – <b>director de proiect</b></p> <p>2014-2016 PNII Parteneriate, Contract nr. 176/2014: „Produse terapeutice inovative cu acțiune profilactica si curativa destinate sectorului zoo-veterinar” – <b>cercetător senior</b></p> <p>2014-2016 PNII Parteneriate, Contract nr. 161/2014: „Studii privind corelațiile sol-plantă-</p>	

		<p>aliment-om în vederea obținerii unui supliment alimentar cu un conținut crescut în fier de origine vegetală” – <b>cercetător senior</b></p> <p>2008-2011 PNII Parteneriate, Contract nr.42095/2008: "Cercetări privind sinteza, caracterizarea fizico-chimică și testarea activității antiinfecțioase a unor noi compuși cu structură tricyclică" – <b>membru</b></p> <p>2008-2011 PNII Parteneriate, Contract nr.42134/2008: „Studiul factorilor critici în dizolvarea și eliberarea substanțelor active greu solubile din formele farmaceutice” – <b>membru</b></p> <p>2007-2010 PNII Parteneriate, Contract nr.61024/2007: "Studii privind obținerea unor sisteme hormonale transdermice utilizând lipozomii ca vectori de transport și cedare controlată a principiului activ" - <b>responsabil științific</b></p> <p>2007-2010 PNII Parteneriate, Contract nr.61042/2007: “Sinteza, caracterizarea și evaluarea potențialului terapeutic al unor noi combinații complexe ale oxovanadiului (IV) cu liganzi naturali” - <b>membru</b></p> <p>2006-2008 CEEEX BIOTECH Proiect nr.55/2006: "Proiect integrat privind noi modele pentru corelări in vitro-in vivo în scopul reducerii numărului experimentelor de bioechivalență in vivo" - <b>membru</b></p>	
	<p>2.4. articole publicate în rezumat în reviste și volumele unor manifestări științifice cu ISBN sau ISSN</p>	<p><i>Profesor – minim 8 articole din care 3 in ultimii 5 ani</i></p> <p><b>Lucrări prezentate la conferințe internaționale de specialitate, publicate în rezumat în reviste cotate ISI</b></p> <ol style="list-style-type: none"> <li>1. Gruia MI, Negoita V, Vasilescu M, Panait M, Gruia I, <b>Uivarosi V</b>. Mechanisms of action of some new complexes of ruthenium with quinolones as potential antitumor agents. <i>9<sup>th</sup> International conference of anticancer research</i>, Sithonia, Greece, October 6-10, 2014. <i>Anticancer Res</i> 2014, 34(10):5931</li> <li>2. Barbuceanu S-F, Ilies DC, Saramet I, <b>Uivarosi V</b>, Draghici C, Radulescu V. New compounds from hydrazinecarbothioamide and triazole class with potential antioxidant activity. <i>5th International BBBB Conference</i>, Athens, Greece, 26-28 September 2013. <i>Eur J Pharm Sci</i> 2014, 50(Suppl 1) E144-E145</li> <li>3. Gruia M.I., <b>Uivarosi V.</b>, Negoita V., Panait, M., Vasilescu M., Gruia I. Effects of quercetin on experimental cancer in rats following oxidant/antioxidant balance. <i>38<sup>th</sup> FEBS Congress</i>, Saint Petersburg, Russia, July 6–11 2013. <i>FEBS Journal</i> 2013, 280 (Suppl. 1), p. 318.</li> <li>4. Gruia M.I., <b>Uivarosi V.</b>, Negoita V., Gruia I. Therapeutic potential evaluation of complex combination of oxovanadium with quercetin. <i>22<sup>nd</sup> IUBMB Congress/37<sup>th</sup> FEBS Congress</i>, Seville, Spain, September 04-09 2012. <i>FEBS Journal</i> 2012, 279 (Suppl. 1), p. 217-218.</li> <li>5. Margina D., Velescu B., <b>Uivarosi V.</b>, Aldea V., Negres S., Mitrea N. Evaluation of insulin-mimetic activity of new vanadyl-flavonoid complexes in alloxan induced diabetes. <i>35<sup>th</sup> FEBS Congress</i>, Goteborg, Sweden, 26 June-1 July 2010. <i>FEBS Journal</i> 2010, 277 (Suppl. 1), p. 61.</li> <li>6. Gruia M. I., <b>Uivarosi V.</b>, Negoita V., Vasilescu M., Gruia I. The oxygen reactive species implications in the efficiency of antitumoral treatment with complex combinations of</li> </ol>	

			<p>ruthenium. <i>35<sup>th</sup> FEBS Congress</i>, Goteborg, Sweden, 26 June-1 July 2010. FEBS Journal 2010, 277 (Suppl. 1), p. 192.</p> <p>7. Arsene A. L., <b>Uivarosi V.</b>, Mitrea N., Dragoi C., Nicolae A.. In vitro studies regarding the interactions of some ruthenium (III) fluoroquinolones complexes with double stranded calf thymus DNA. <i>35<sup>th</sup> FEBS Congress</i>, Goteborg, Sweden, 26 June-1 July 2010. FEBS Journal 2010, 277 (Suppl. 1), p. 239.</p> <p><b>Lucrări prezentate la conferințe naționale și internaționale de specialitate, publicate în rezumat în volume cu ISBN/ISSN</b></p> <p>8. Hudita A, Galateanu B, Munteanu AC, <b>Uivarosi V</b>, Costache M. <i>In vitro</i> biological screening of potential insulinmimetic metal-flavonoid complexes. <i>Simpozionul "Academician Nicolae Cajal"</i>, ediția a X-a, București, 01-04 aprilie 2015; Journal of Translational Medicine and Research 20 (Supplement II), 2015; ISSN 2392-7232, S45</p> <p>9. Mihăilă M, Hotnog C, Bostan M, Roman V, <b>Uivarosi V</b>, Brașoveanu LI. Efectele biologice ale compușilor cu ruteniu (III) în celule tumorale umane de colon. <i>Conferințele Institutului regional de oncologie Iasi, Romania</i>, 27-30 noiembrie 2014, Volumul rezumatelor ISSN 2344-5270, p. 236</p> <p>10. Velescu BS, Anuta V, Nitulescu GM, <b>Uivarosi V</b>, Dinu-Pîrvu CE. Antiinflammatory effect evaluation of novel ruthenium(III)-norfloxacin complex with anticancer properties. <i>Simpozionul internațional „PRIOCHEM”</i>, Bucuresti, Romania, 30-31 octombrie 2014; Volum de rezumate ISSN 2285 – 8334, p. 70.</p> <p>11. Velescu BS, Anuta V, Ionescu E, <b>Uivarosi V</b>. Metallokinetic of vanadium, administered as a vanadyl chrysin complex. <i>Simpozionul internațional „PRIOCHEM”</i>, Bucuresti, Romania 30-31 octombrie 2014; Volum de rezumate ISSN 2285 – 8334, p 29.</p> <p>12. Aramă CC, <b>Uivarosi V</b>, Radu C. Studies on the interactions between <math>\beta</math>-cyclodextrin and some of its derivatives and the biologically active complex formed by Ru(III) with norfloxacin. <i>Congresul Național de Farmacie din România, Ediția a XV-a</i>, Iasi, 24-27 septembrie 2014; Volum de rezumate ISBN: 978-606-544-252-8, p. 351</p> <p>13. Velescu BȘ, Anuta V, Ionescu E, Margina D, Negres S, <b>Uivarosi V</b>. Pharmacodynamic and pharmacokinetic profile evaluation of a novel Vanadyl-quercetin complex with hypoglycemic activity. <i>School of Advanced Studies. Biowaivers, development of in vitro-in vivo correlations and quality generic drugs-SoAS</i>. București, 9-11 iulie 2014; Volum de rezumate ISBN:978-973-708-773-7, p. 193.</p> <p>14. Drăgoi CM, <b>Uivarosi V</b>, Arsene AL, Mitrea N, Nicolae AC. <i>In vitro</i> study on the binding properties of novel ruthenium (III) complexes with human serum transferrin. <i>The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology</i>, Oradea, Romania, 5-6 iunie 2014; Rom J Biochem, 51 (Suppl.), Ed. Academiei Române; ISSN 1582-3318, p. 28.</p> <p>15. Anghel AA, Olaru OT, <b>Uivarosi V</b>, Dinu M, Istudor V, Șerbu SC. Atomic absorption spectrometric determination of vanadium in some species of the <i>Trigonella</i>, <i>Portulaca</i> and</p>	
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			<p>Fallopia genera, 2<sup>nd</sup> <i>Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences</i>, Brasov, România, May 24-27, 2012; Volum de rezumate ISBN 978-606-19-0072, p 88.</p> <p><b>16. Uivarosi V</b>, Badea M, Olar R, Chirigiu L, Aldea V. Thermal and spectral studies of palladium(II) and platinum(IV) complexes with dithiocarbamate derivatives, <i>1<sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry</i>, Craiova, Romania, 7-10 September 2011; Volum de rezumate ISBN 978-606-1-1893-9 p. 413.</p> <p><b>17. Uivarosi V</b>, Badea M, Olar R. Thermal behaviour of new Sm(III), Eu(III), Gd(III),Tb(III) complexes with fisetin, <i>1<sup>st</sup> Central and Eastern European Conference on Thermal Analysis and Calorimetry</i>, Craiova, Romania, 7-10 September 2011; Volum de rezumate ISBN 978-606-1-1893-9, p. 414.</p> <p><b>18. Uivarosi V</b>, Badea M, Olar R, Arsene AL, Sianu-Piperea A. Synthesis, characterization and DNA-binding properties of solid fisetin rare earth (III) complexes, <i>4rd European Conference on Chemistry for Life Sciences</i>, Budapest, Hungary, 31 August -3 September 2011; Volum de rezumate ISBN 978-963-9970-14-4, p. 274.</p> <p><b>19. Velescu BS, Uivarosi V</b>, Negres S, Margina D. New oxovanadium (IV) complex of hesperetin as insulin-mimetic agent, <i>4rd European Conference on Chemistry for Life Sciences</i>, Budapest, Hungary, 31 August -3 September 2011; Volum de rezumate ISBN 978-963-9970-14-4, p.275.</p> <p><b>20. Arsene AL, Uivarosi V</b>, Mitrea N, Dragoi CM, Nicolae A. The binding properties of some novel ruthenium (III) complexes with human serum transferrin, <i>Bridges in Life Sciences, 6<sup>th</sup> Annual Scientific Meeting of Regional Cooperation for Health (RECOOP HST)</i>, Science and Technology, Bratislava, Slovak Republic, April 8-10, 2011; Biopolymers and Cell 27 (supl. N2); ISSN 0233-7657, p. 83..</p> <p><b>21. Arsene AL, Uivarosi V</b>, Dragoi CM, Mitrea N, Nicolae A. <i>In vitro</i> studies regarding the interactions of some ruthenium (II) fluoroquinolones complexes and some plasmatic proteins, <i>Bridges in Life Sciences, 5<sup>th</sup> Annual Scientific Meeting of Regional Cooperation for Health, Science and Technology (RECOOP HST)</i>, Lviv, Ukraine, April 9-11, 2011; Biopolymers and Cell 2010, 26 (supl. N2); ISSN 0233-7657, p. 127.</p> <p><b>22. Lupșor S, Uivarosi V</b>, Iovu M. Rapid synthesis of azole's aminated under microwave heating conditions, <i>16<sup>th</sup> Romanian International Conference on Chemistry and Chemical Engineering RICCE XVI</i>, 9-12 September 2009, Sinaia, Romania; Volum de lucrari in extenso ISBN 978-606-521-349-4 p. S.I.15 – S.I.21.</p> <p><b>23. Uivarosi V</b>, Badea M, Olar R, Marinescu D, Barbuceanu SF, Nitulescu GM, Aldea V. Synthesis, characterization and antibacterial activity of several complexes of oxovanadium(IV) with norfloxacin and ofloxacin, <i>Al XIV-lea Congres Național de Farmacie</i>, Târgu Mures, 13-16 octombrie 2010; Acta Medica Marisiensis 56 (suppl. 2); ISSN 2068-3324, p. 5.</p> <p><b>24. Uivarosi V</b>, Neagu AF, Nedelcu A, Constantinescu IC. Solution chemistry studies of novel ruthenium (III) complexes with some quinolone antibacterial agents, <i>Al XIV-lea Congres Național de Farmacie</i>, Targu Mures, 13-16 octombrie 2010; Acta Medica Marisiensis 56</p>
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			<p>(suppl. 2); ISSN 2068-3324, p. 24.</p> <p>25. Arsene AL, <b>Uivarosi V</b>, Mitrea N, Dragoi CM. Nicolae. In vitro studies regarding the binding of some ruthenium (III) complexes with some plasmatic proteins, <i>Al XIV-lea Congres Național de Farmacie</i>, Târgu Mures, 13-16 octombrie 2010; Acta Medica Marisiensis 56 (suppl. 2); ISSN 2068-3324, p. 112.</p> <p>26. <b>Uivarosi V</b>, Iacob D, Aldea V, Velescu B, Badea M, Olar R, Marinescu D, Nitulescu, GM. Synthesis, characterization and DNA-interaction of two mononuclear Ru(III) complexes with ofloxacin and levofloxacin, <i>3rd European Conference on Chemistry for Life Sciences</i>, Frankfurt, Germany, 2-5 September 2009; Volum de rezumate ISBN 978-3-936028-58-4, p. 101.</p> <p>27. Aldea V, <b>Uivarosi, V</b>, Iacob D, Velescu B, Badea M, Olar R, Marinescu D, Nitulescu GM. Synthesis and structural properties of VO(IV) complexes with some flavonoid compounds, <i>3rd European Conference on Chemistry for Life Sciences</i>, Frankfurt, Germany, 2-5 September 2009; Volum de rezumate ISBN 978-3-936028-58-4, p. 102.</p> <p>28. Aldea V, <b>Uivarosi V</b>, Velescu B. The synthesis and characterization of some new ruthenium and iron compounds, <i>8<sup>th</sup> International Symposium on Pharmaceutical Sciences (ISOPS-8)</i>, Ankara, Turkey, 13-16 June 2006; Volum de rezumate ISBN 975-482-715-X, p. 334.</p> <p>29. <b>Uivarosi V</b>. Noi metode titrimetrice de dozare a unor antibiotice cu nucleu fluorochinolonice. <i>Simpozionul "Perspective în practica farmaceutică</i>, Oradea 10-12 martie 2005, Volumul II al lucrărilor publicate in extenso, ISBN 973-613- 780-5, p. 44-51.</p> <p>30. <b>Uivarosi V</b>, Aldea V. "Chemistry. Metalloids and metals", a translation by Prof. Adolf Trausch, an important source of documentation. <i>Al 36-lea Congres Internațional de Istoria Farmaciei</i>, Sinaia, 24-27 septembrie 2003, Volumul lucrărilor publicate in extenso, ISBN 973-7622-06-5, p. 288-290.</p> <p>31. Aldea V, <b>Uivarosi V</b>, Niculescu O. Sinteza și caracterizarea unor polioxometalați ce conțin Se (IV), <i>Al XII-lea Congres Național de Farmacie</i>, București, 17-19 octombrie 2002; Volum de rezumate ISBN 973-85885-2-9, p. 155.</p> <p>32. Constantinescu C, <b>Uivarosi V</b>. Contribuții la studiul analitic al unor substanțe medicamentoase pe baza reacției cu sarea Reinecke, <i>Al XII-lea Congres Național de Farmacie</i>, București, 17-19 octombrie 2002; Volum de rezumate ISBN 973-85885-2-9, p. 282.</p> <p>33. Mândruță C, <b>Uivarosi V</b>, Șaramet G. Determinarea ofloxacinei și norfloxacinei prin HPLC, <i>Al XII-lea Congres Național de Farmacie</i>, București, 17-19 octombrie 2002; Volum de rezumate ISBN 973-85885-2-9, p. 295.</p> <p>34. Chirigiu L, Radu S, Dumitrescu I, Aldea V, <b>Uivarosi V</b>. Noi metode de determinare a doxepinei din fiolele injectabile-; <i>Al XII-lea Congres Național de Farmacie</i>, București, 17-19 octombrie 2002; Volum de rezumate ISBN 973-85885-2-9, p. 305.</p>	
		2.5 proiecte educationale si de formare continua	2010 -2012 Proiect POSDRU ID 58708: "Eficientizarea activității farmaciștilor prin formare în noile tehnologii, inclusiv TIC", <b>membru în echipă</b>	



3	Recunoasterea si impactul activitatii	3.1Premii	<p><b><u>Premii pentru activitatea științifică</u></b></p> <p><b>Poster Award:</b></p> <p>1. Anghel AI, Olaru OT, <b>Uivarosi V</b>, Dinu M, Istudor V, Șerbu SC Atomic absorption spectrometric determination of vanadium in some species of the Trigonella, Portulaca and Fallopia genera, 2<sup>nd</sup> Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences, Brasov, Romania, May 24-27, 2012</p> <p><b>Premierea rezultatelor cercetării CNCSIS - etapa II 2009:</b></p> <p>2. Badea M, Olar R, Marinescu D, <b>Uivarosi V</b>, Iacob D. Thermal decomposition of some biologically active complexes of ruthenium (III) with quinolone derivatives. <i>J Therm Anal Calorim</i> 2009, 97(2), 735-739.</p> <p><b>Premierea rezultatelor cercetării UEFISCDI, Program RESURSE UMANE Subprogram “Premierea rezultatelor cercetării (articole)” - 2014:</b></p> <p>3. Rusu A, Hancu G, <b>Uivarosi V</b>. Fluoroquinolone pollution of food, water and soil, and bacterial resistance. <i>Environ Chem Lett</i> DOI 10.1007/s10311-014-0481-3; ISSN 1610-3653.</p> <p>4. Badea M, Patrascu F, Cerc Korošec R, Bukovec P, Raita M, Chifiriuc MC, Marutescu L, Bleotu C, Velescu B, Marinescu D, <b>Uivarosi V</b>, Olar R. Thermal, spectral, magnetic and biologic characterization of new Ni(II), Cu(II) and Zn(II) complexes with a hexaazamacrocyclic ligand bearing ketopyridine moieties. <i>J Therm Anal Calorim</i> 2014; 118(2): 1183-1193; ISSN 1388-6150.</p> <p>5. Barbuceanu SF, Ilies DC, Saramet G, <b>Uivarosi V</b>, Draghici C, Radulescu V. Synthesis and antioxidant activity evaluation of new compounds from hydrazinecarbothioamide and 1,2,4-triazole class containing diarylsulfone and 2,4-difluorophenyl moieties. <i>Int J Mol Sci</i> 2014; 15(6):10908-10925; ISSN 1422-0067</p> <p>6. <b>Uivarosi V</b>. Metal complexes of quinolone antibiotics and their applications: an update. <i>Molecules</i> 2013; 18(9):11153-11197; ISSN 1420-3049.</p> <p>7. <b>Uivarosi V</b>, Badea M, Olar R, Draghici C, Barbuceanu SF. Synthesis and Characterization of some new complexes of magnesium (II) and zinc (II) with the natural flavonoid primuletin. <i>Molecules</i> 2013; 18(7):7631-7645; ISSN 1420-3049.</p> <p><b><u>Lucrări coordonate științific premiate</u></b></p> <p>1. Complecși ai ionilor metalelor alcaline cu liganzi macrociclici – student: Mihaela Bocu, Sesiunea de Comunicări Științifice Studentești, București, 2000 - <b>mențiune</b></p> <p>2. Compuși de coordinație cu acțiune antitumorală – student: Valentina Butoescu, Sesiunea de Comunicări Științifice Studentești, București, 2000 - <b>mențiune</b></p> <p>3. Activitatea antimicrobiană a unor noi compuși ai norfloxacinii și ofloxacinii cu ioni metalici – student: Andreea Nițulescu, Congresul Național al Studenților Farmaciști, Cluj-Napoca, 28 martie-1 aprilie 2001 - <b>premiul II</b></p> <p>4. Structura și posibilitățile de interacțiune cu ADN-ul ale unui complex nou sintetizat al ruteniului (III) – student: Bruno Velescu, (co-îndrumător: Prof. Dr. Victoria Aldea), Sesiunea de</p>	
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		<p>Comunicări Științifice Studentești, București, 12-14 decembrie 2002 - <b>mențiune</b></p> <p>5. Chelați ai mineralelor cu aminoacizii – student: Andreea Elena Țuțeanu, Sesiunea de Comunicări Științifice Studentești, UMF “Gr. T. Popa”, Iași, mai 2005 - <b>mențiune</b></p> <p>6. Materiale anorganice nanostructurate – studenți: Ionuț-Cosmin Ciotu, Cojocaru Victor, Sesiunea de Comunicări Științifice Studentești, București, ediția a IX-a, 12-13 mai 2009 - <b>premiul I la secțiunea de referate științifice</b></p> <p>7. Cercetări spectrofluorimetrice in vitro privind interacțiunea unor complecși ai ruteniului cu ADN-ul dublu catenar din timus de vițel – student: Cristian Munteanu (co-îndrumători: Prof. Dr. Niculina Mitrea, Șef lucr. Dr. Andreea Arsene), Congresul Național al Studenților Farmaciști, ediția a IX-a, București, 21-25 aprilie 2010 - <b>premiul special al juriului</b></p> <p>8. De la potențial la alternativă: analiza conținutului de vanadiu în plante în vederea utilizării acestora în tratamentul diabetului – student Sabina-Cristina Șerbu (co-îndrumător: Asist. Dr. Adriana Anghel), Sesiunea de Comunicări Științifice Studentești, ediția a XI-a, București, 12-13 mai 2011 – <b>premiul III</b></p> <p>9. Sinteza și caracterizarea unor complecși ai 5-hidroxi flavonei cu ioni metalici biologic activi – student Alexandra-Cristina Munteanu (co-îndrumător: Șef lucr. Dr. Elena Mihaela Pahonțu), Sesiunea de Comunicări Științifice Studentești, ediția a XII-a, București, 10-11 mai 2012 - <b>mențiune</b></p> <p>10. Polioxometalații – o clasă de compuși coordinativi cu importante aplicații biomedicale - studenți Chircă Diana, Teodoru Diana, Bogatu Crina Mihaela, Sesiunea de Comunicări Științifice Studentești, ediția a XV-a, București, 19-20 martie 2015 – <b>mențiune</b></p> <p>11. Studii in vitro privind interacțiunea unor complecși nou sintetizați ai ruteniului (III) cu ADN-ul dublu catenar din timus de vițel - student Andreea Cristiana Ionescu (co-îndrumător: Conf. Dr. Andreea Arsene), Sesiunea de Comunicări Științifice Studentești, ediția a XV-a, București, 19-20 martie 2015 – <b>premiul special al juriului</b></p> <p>12. Noi combinații complexe ale Sm(III), Eu(III), Gd(III) și Tb(III) cu fisetina, cu potențială acțiune antitumorală – absolvent: Șianu-Piperea Alice, Facultatea de Farmacie, 2010 - <b>premiul pentru cea mai bună lucrare de licență</b></p>	
	3.2 citari in reviste ISI si BDI	<p>0,05 pct/citare – 126 citari; h index: 7</p> <p>Barbuceanu SF, Ilies DC, Saramet G, <b>Uivarosi V</b>, Draghici C, Radulescu V. Synthesis and antioxidant activity evaluation of new compounds from hydrazinecarbothioamide and 1,2,4-triazole class containing diarylsulfone and 2,4-difluorophenyl moieties. <i>Int J Mol Sci</i> 2014, 15(6):10908-10925; ISSN 1422-0067; citări: 7</p> <ol style="list-style-type: none"> <li>Socea LI, Saramet G, Draghici C, Socea B, Constantin VD, Radu-Popescu MA. Synthesis of new derivatives of hydrazinecarbothioamides and 1,2,4-triazoles and evaluation of their antimicrobial activity. <i>J Serb Chem Soc</i> 2015 doi:10.2298/JSC150227039S</li> <li>Mady MF, Saleh TS, El-Kateb AA, Abd El-Rahman NM, Abd El-Moez SI. Microwave-assisted synthesis of novel pyrazole and pyrazolo[3,4-d]pyridazine derivatives incorporating diaryl sulfone moiety as potential antimicrobial agents. <i>Research on Chemical Intermediates</i> 2015, 97:830-870 DOI 10.1007/s11164-015-2054-x</li> <li>Güniz Küçükgülmez Ş, Çıkla-Süzgün P. Recent advances bioactive 1,2,4-triazole-3-thiones. <i>Eur J Med Chem</i></li> </ol>	

			<p>2015, 97:830-870</p> <ol style="list-style-type: none"> <li>4. Zaky R, Fekri A. Structural, spectral and DFT studies of <i>N</i>-ethyl-2-(4-(phenylamino)-4-thioxobutan-2-ylidene)hydrazinecarbothioamide complexes synthesized by ball milling. <i>J Mol Struct</i> 2015; 1079:203–213</li> <li>5. Zhong W-Z, Zhou S-F. Molecular science for drug development and biomedicine. <i>Int J Mol Sci</i> 2014; 15(11):20072-20078</li> <li>6. Ariffin A, Rahman NA, Yehye WA, Alhadi AA, Kadir FA. PASS-assisted design, synthesis and antioxidant evaluation of new butylated hydroxytoluene derivatives. <i>Eur J Med Chem</i>. 2014; 87:564-577.</li> <li>7. Barbuceanu SF, Ilies DC, Radulescu V, Socea LI, Draghici C, Saramet G. Synthesis, characterization and antioxidant activity evaluation of some 1,3,4-thiadiazole and 1,3,4-oxadiazole compounds. <i>Rev Chim</i> 2014; 65(10):1172-1175.</li> </ol> <p><b>Uivarosi V, Pahonțu E, Munteanu A.</b> Synthesis, characterization, and fluorescent properties of new complexes of 5-hydroxyflavone with some divalent metal ions. <i>Rev Chim</i> 2014, 65(1):33-38; ISSN 0034-7752; citări:1</p> <ol style="list-style-type: none"> <li>8. Moncomble A, Conrad J-P. Elucidation of complexation multi-equilibrium with Mg<sup>II</sup> and a multisite ligand. A combined electronic spectroscopies and DFT investigation. <i>RSC Adv</i> 2014; 4: 29050-29061.</li> </ol> <p><b>Uivarosi V.</b> Metal complexes of quinolone antibiotics and their applications: an update. <i>Molecules</i> 2013, 18(9):11153-11197; ISSN 1420-3049; citări:17</p> <ol style="list-style-type: none"> <li>9. Belen'kii LI, Evdokimenkova, YB. The Literature of Heterocyclic Chemistry, Part XIII, 2012–2013. <i>Adv Heterocycl Chem</i> 2015, doi:10.1016/bs.aihch.2015.04.002</li> <li>10. Zhang L, Kannekanti VK, SYED R, Zhang S-L, Geng R-X, Zhou C-H. Design, Synthesis, Antibacterial Evaluation of Novel Azolythioether Quinolones as MRSA DNA Intercalators. <i>Med Chem Commun</i> 2015, DOI: 10.1039/C5MD00186B</li> <li>11. Komarnicka UK, Starosta R, Kyzioł A, Jezowska-Bojczuk M. Copper(I) complexes with phosphine derived from sparfloxacin. Part I – structures, spectroscopic properties and cytotoxicity. <i>Dalton Trans</i> 2015, DOI: 10.1039/C5DT01146A</li> <li>12. Irgi EP, Geromichalos GD, Balala S, Kljun J, Kalogiannis S, Papadopoulos A, Turel I, Psomas G. Cobalt(II) complexes with the quinolone antimicrobial drug oxolinic acid: structure and biological perspectives. <i>RSC Adv</i>. 2015, 5:36353-36367</li> <li>13. Zhang J-L, Yang J, Wang X, Zhang H-Y, Chi X-L, Chen Y, Yang Q, Xiao D-R. Syntheses and Structures of Two Novel Interdigitated Metal-Quinolone Complexes: [Cu<sub>2</sub>(cfH)<sub>2</sub>(bpte)(H<sub>2</sub>O)]·4H<sub>2</sub>O and [Zn<sub>2</sub>(levofH)<sub>2</sub>(odpa)]·5.5H<sub>2</sub>O <i>Z Anorg Allg Chem</i> 2015, 641(5): 820–825</li> <li>14. Zampakou M, Balala S, Perdih F, Kalogiannis S, Turel I, Psomas GL. Structure, antimicrobial activity, albumin- and DNA-binding of manganese(II)-sparfloxacinato complexes. <i>RSC Adv</i> 2015, 5:11861-11872</li> <li>15. Mjos KD, Cawthray JF, Jamieson G, Fox JA, Orvig C. Iron(III)-binding of the anticancer agents doxorubicin and vosaroxin. <i>Dalton Trans</i> 2015, 44:2348-2358</li> <li>16. Shan J, Liu Y, Li R, Wu C, Zhu L, Zhang J. Indirect electrochemical determination of ciprofloxacin by anodic stripping voltammetry of Cd(II) on graphene-modified electrode. <i>J Electroanal Chem</i> 2015; 738:123-129</li> <li>17. Zhou Y-J, Zhang, M-X, Hider RC, Zhou T. <i>In vitro</i> antimicrobial activity of hydroxypyridinone hexadentate-based dendrimeric chelators alone and in combination with norfloxacin. <i>FEMS Microbiol Lett</i> 2014; 355(2):124–130.</li> <li>18. Feio MJ, Sousa I, Ferreira M, Cunha-Silva L, Saraiva RG, Queirós C, Alexandre JG, Claro V, Mendes A, Ortiz R, Lopes S, Amaral AL, Lino J, Fernandes P, Silva AJ, Moutinho L, de Castro B, Pereira E, Perelló L, Gameiro P. Fluoroquinolone–metal complexes: A route to counteract bacterial resistance? <i>J Inorg Biochem</i> 2014; 138:129–143.</li> <li>19. Soayed AA, Refaat HM, Noor El-Din DA. Characterization and biological activity of pefloxacin-imidazole mixed ligands complexes. <i>Inorg Chim Acta</i> 2014; 421:59–66.</li> <li>20. Filgueiras AL, Paschoal D, Dos Santos HF, Sant'Ana AC. Adsorption study of antibiotics on silver nanoparticle surfaces by surface-enhanced Raman scattering spectroscopy. <i>Spectrochim Acta A: Mol Biomol</i></li> </ol>	
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			<p>Spectrosc 2015; 136(Part B): 979-985</p> <ol style="list-style-type: none"> <li>21. Zhang Y-f, Dai X-j, Wang T, Chen X-y, Liang L, Qiao H, Tsai C-y, Chang L-w, Huang P-t, Hsu C-y, Chang Y-t, Tsai C-e, Zhong D-f. Effects of an Al<sup>3+</sup>- and Mg<sup>2+</sup>-containing antacid, ferrous sulfate, and calcium carbonate on the absorption of nemonoxacin (TG-873870) in healthy Chinese volunteers. <i>Acta Pharmacol Sin</i> 2014; 35:1586-1592</li> <li>22. Protogeraki C, Andreadou EG, Perdih F, Turel I, Pantazaki AA, Psomas G. Cobalt(II) complexes with the antimicrobial drug enrofloxacin: Structure, antimicrobial activity, DNA- and albumin-binding. <i>Eur J Med Chem</i> 2014; 86:189-201</li> <li>23. Djurdjevic P, Jakovljevic I, Joksovic L, Ivanovic N, Jelkic-Stankov M. The effect of some fluoroquinolone family members on biospeciation of copper(II), nickel(II) and zinc(II) ions in human plasma. <i>Molecules</i> 2014; 19(8):12194-12223</li> <li>24. Debnath A, Hussain F, Masram DT. Synthesis, Characterization, and Antifungal Studies of Cr(III) Complex of Norfloxacin and Bipiridyl Ligand. <i>Bioinorg Chem Appl</i> 2014; Article ID 457478, 7 pages</li> <li>25. Galani A, Efthimiadou EK, Mitrikas G, Sanakis Y, Psycharis V, Raptopoulo, C, Kordas G, Karaliota A. Synthesis, crystal structure and characterization of three novel copper complexes of Levofloxacin. Study of their DNA binding properties and biological activities. <i>Inorg Chim Acta</i> 2014; 423, Part A: 207-21</li> </ol> <p><b>Uivarosi V, Badea M, Olar R, Draghici C, Barbuceanu SF. Synthesis and Characterization of some new complexes of magnesium (II) and zinc (II) with the natural flavonoid primuletin. <i>Molecules</i> 2013, 18(7):7631-7645; ISSN 1420-3049; citări: 4</b></p> <ol style="list-style-type: none"> <li>26. Moncomble A, Conrad J-P. Elucidation of complexation multi-equilibrium with Mg<sup>II</sup> and a multisite ligand. A combined electronic spectroscopies and DFT investigation. <i>RSC Adv</i> 2014, 4:29050-29061.</li> <li>27. Singh K, Raparia S, Surain P. Co(II), Ni(II), Cu(II) and Zn(II) Complexes of 4-(4-cyanobenzylideneamino)-3-mercapto-5-oxo-1,2,4-triazine: synthesis, characterization and biological studies. <i>Med Chem Res</i> 2015, 24(6):2336-2346</li> <li>28. Sanz Mendiguchia B, Aiello I, Crispini A. Zn(II) and Cu(II) complexes containing bioactive O,O-chelated ligands: homoleptic and heteroleptic metal-based biomolecules. <i>Dalton Trans</i> 2015, 44, 9321-9334</li> <li>29. Alexiou ADP, Decandio CC, Almeida SN, Ferreira MJP, Romoff P, Rocha RC. A Trinuclear Oxo-Chromium(III) Complex Containing the Natural Flavonoid Primuletin: Synthesis, Characterization, and Antiradical Properties. <i>Molecules</i>. 2015; 20(4):6310-6318.</li> </ol> <p><b>Uivarosi V, Badea M, Aldea V, Chirigiu L, Olar R. Thermal and spectral studies of palladium(II) and platinum(IV) complexes with dithiocarbamate derivatives. <i>J Therm Anal Calorim</i> 2013, 111(2):1177-1182; ISSN 1388-6150; citări: 4</b></p> <ol style="list-style-type: none"> <li>30. Kalia SB, Puri R, Thakur A, Christopher J. Synthesis, characterization and thermal degradation studies on some oxovanadium(IV) carbodithioates. <i>J Therm Anal Calorim</i> 2015, 119(3):1619-1632</li> <li>31. Pérez J, Serrano JL, Granados JE, Alcolea LA. Recovering palladium from its surplus complexes in research laboratories by solid state thermal treatment. <i>RSC Adv</i> 2013; 3:4558-4567</li> <li>32. Díaz-Ayala R, Arroyo-Ramírez L, RG Raptis, Cabrera CR. Thermal and surface analysis of palladium pyrazolates molecular precursors. <i>J Therm Anal Calorim</i> 2014; 115(1): 479-488</li> <li>33. Onwudiwe DC, Mugo JN, Hrubaru M, Hosten E. Bis diallyl dithiocarbamate Pt(II) complex: synthesis, characterization, thermal decomposition studies, and experimental and theoretical studies on its crystal structure. <i>J Sulfur Chem</i> 2015; 36(1):36-47</li> </ol> <p><b>Uivarosi V, Dinu Pirvu C, Ghica M, Anuta V. Preformulation studies using cosolvent systems to increase the solubility of a new enrofloxacin ruthenium (III) complex with biological activity. <i>Farmacia</i>, 2013, 61(1):127-142; ISSN 0014-8237; citări: 2</b></p> <ol style="list-style-type: none"> <li>34. Anuta V, Nitulescu GM, Dinu-Pirvu CE, Olaru OT. Biopharmaceutical profiling of new antitumor pyrazole derivatives. <i>Molecules</i>. 2014; 19(10):16381-16401</li> <li>35. Yang X-f, Liu D-y, Han Q-g, Sun Y-w, Fan G-y. Determination of Median Lethal Dose of Enrofloxacin</li> </ol>	
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			<p>Microemulsion in Mice. Pak Vet J 2015, 35(2): 155-158</p> <p>Velescu BS, <b>Uivarosi V</b>, Negres S. Effect of di-<math>\mu</math>-hydroxo-bis(queracetinatooxovanadium(IV)) complex on alloxan-induced diabetic rats. <i>Farmacia</i> 2012, 60(5):696-710; ISSN 0014-8237; citări: <b>2</b></p> <p>36. Negreş S, Chiriţă C, Moroşan E, Arsene AL. Experimental pharmacological model of diabetes induction with aloxan in rat. <i>Farmacia</i> 2013; 61(2): 313-322</p> <p>37. Varshosaz J, Tavakoli N, Enteshary S. Enhancement of anti-diabetic effects of gliclazide using immediate release tablets in streptozotocin-induced diabetic and normal rats. <i>Farmacia</i> 2013; 61(4): 820-836</p> <p>Badea M, Olar R, <b>Uivarosi V</b>, Marinescu D, Aldea V. Synthesis and characterization of some vanadyl complexes with flavonoid derivatives as potential insulin-mimetic agents. <i>J Therm Anal Calorim</i> 2012, 107(1): 279-285; ISSN 1388-6150; citări: <b>4</b></p> <p>38. Zhang J, Zhang P, Liu T, Zhou L, Zhang L, Lin R, Yang G, Wang W, Li Y. Solubility of naringin in ethanol and water mixtures from 283.15 to 318.15 K. <i>J Mol Liq</i> 2015; 203: 98-103</p> <p>39. Chaudhary G, Juneja HD, Pagadala R, Gandhar NV, Gharpure MP. Synthesis, characterisation and thermal degradation behaviour of some coordination polymers by using TG-DTG and DTA techniques, <i>J Saudi Chem Soc</i> 2015, DOI doi:10.1016/j.jscs.2014.06.002</p> <p>40. Bhuyar SS, Juneja HD, Paliwal LJ, Chaudhary RG. Synthesis, characterization and thermal degradation of some coordination polymers with terephthalaldehyde bis (S-methyldithiocarbazate). <i>J Chin Adv Mat Soc</i> 2015, 3(1):17-31</p> <p>41. Sharma R, Sharma N. Thermal studies of some biologically active oxovanadium (IV) complexes containing 8-hydroxyquinolate and hydroxamate ligands. <i>J Therm Anal Calorim</i> 2012; 110(2): 539-543</p> <p><b>Uivarosi V</b>, Badea M, Olar R, Marinescu D, Nicolescu TO, Nitulescu GM. Thermal degradation behavior of some ruthenium complexes with fluoroquinolone derivatives as potential antitumor agents. <i>J Therm Anal Calorim</i> 2011, 105(2):645-650; ISSN 1388-6150; citări: <b>6</b></p> <p>42. Holló B, Krstić M, Sovilj SP, Pokol G, Szécsényi KM. Thermal decomposition of new ruthenium(II) complexes containing N-alkylphenothiazines. <i>J Therm Anal Calorim</i> 2011, 105(1):27-32</p> <p>43. Al-Saif FA, Refat MS. Synthesis, spectroscopic, and thermal investigation of transition and non-transition complexes of metformin as potential insulin-mimetic agents. <i>J Therm Anal Calorim</i> 2013; 111(3):2079-2096</p> <p>44. Refat MS, Al-Maydama H, Al-Azab FM, Amin RR, Jamil YMS. Synthesis, thermal and spectroscopic behaviors of metal–drug complexes: La(III), Ce(III), Sm(III) and Y(III) amoxicillin trihydrate antibiotic drug complexes. <i>Spectrochim Acta A: Mol Biomol Spectrosc</i> 2014; 128:427–446</p> <p>45. Holló B, Krstić M, Sovilj SP, Mészáros Szécsényi K. Thermal decomposition of new chlorido (p-cymene) ruthenium (II) complexes containing N-alkylphenothiazines. <i>J Therm Anal Calorim</i> 2013; 111(3):1927-1932</p> <p>46. Refat MS, Al-Azab FM, Al-Maydama H, Amin RR, Jamil YMS. Synthesis and in vitro microbial evaluation of La(III), Ce(III), Sm(III) and Y(III) metal complexes of vitamin B6 drug. <i>Spectrochim Acta A: Mol Biomol Spectrosc</i> 2014; 127:196–215</p> <p>47. Debnath A, Hussain F, Masram DT. Synthesis, Characterization, and antifungal studies of Cr(III) complex of norfloxacin and bipyridyl ligand. <i>Bioinorg Chem Appl</i> 2014, Article ID 457478, 7 pages</p> <p>Badea M, Olar R, <b>Uivarosi V</b>, Marinescu D, Aldea V, Barbuceanu SF, Nitulescu GM. Thermal behavior of some vanadyl complexes with flavone derivatives as potential insulin-mimetic agents. <i>J Therm Anal Calorim</i> 2011, 105(2):559-564; ISSN 1388-6150; citări: <b>8</b></p> <p>48. Kasprzak MM, Erxleben A, Ochocki J. Properties and applications of flavonoid metal complexes. <i>RSC Adv</i> 2015, 5:45853-45877</p> <p>49. Pillai SI, Subramanian SP, Kandaswamy M. A novel insulin mimetic vanadium–flavonol complex: Synthesis, characterization and <i>in vivo</i> evaluation in STZ-induced rats. <i>Eur J Med Chem</i> 2013; 63:109–117</p> <p>50. Alan I, Kriza A, Badea M, Stanica N, Olar R. Synthesis and characterisation of Co(II), Ni(II), Zn(II) and Cd(II) complexes with 5-bromo-N,N'-bis-(salicylidene)-o-tolidine. <i>J Therm Anal Calorim</i> 2013; 111(1):483-490</p>
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			<p>51. Adach A, Daszkiewicz M, Cieślak-Golonka M. Cobalt(II) scorpionate-like complexes obtained from <i>in situ</i> synthesized ligand created in [Co(0)-1-hydroxymethyl-3,5-dimethylpyrazole-VOSO<sub>4</sub>-NH<sub>4</sub>SCN] system. <i>Polyhedron</i> 2012; 47(1):104-111</p> <p>52. Al-Saif FA, Refat MS. Synthesis, spectroscopic, and thermal investigation of transition and non-transition complexes of metformin as potential insulin-mimetic agents. <i>J Therm Anal Calorim</i> 2013; 111(3):2079-2096</p> <p>53. Refat MS, Al-Maydama H, Al-Azab FM, Amin RR, Jamil YMS. Synthesis, thermal and spectroscopic behaviors of metal-drug complexes: La(III), Ce(III), Sm(III) and Y(III) amoxicillin trihydrate antibiotic drug complexes. <i>Spectrochim Acta A: Mol Biomol Spectrosc</i> 2014; 128: 427-446</p> <p>54. Refat MS, Al-Azab FM, Al-Maydama H, Amin RR, Jamil YMS. Synthesis and <i>in vitro</i> microbial evaluation of La(III), Ce(III), Sm(III) and Y(III) metal complexes of vitamin B6 drug. <i>Spectrochim Acta A: Mol Biomol Spectrosc</i> 2014; 127:196-215</p> <p>55. Badea M, Olar R, Iliş M, Georgescu R, Călinescu M. Synthesis, characterization, and thermal decomposition of new copper (II) complex compounds with chlorhexidine. <i>J Therm Anal Calorim</i> 2013; 111(3):1763-1770</p> <p><b>Uivarosi V, Barbuceanu SF, Aldea V, Arama CC, Badea M, Olar R, Marinescu D. Synthesis, spectral and thermal studies of new rutin vanadyl complexes. <i>Molecules</i> 2010, 15(3):1578-1589; ISSN 1420-3049; citări: 24</b></p> <p>56. Sulaiman GM. <i>In vitro</i> study of molecular structure and cytotoxicity effect of luteolin in the human colon carcinoma cells. <i>Eur Food Res Technol</i> 2015, 241(1): 83-90</p> <p>57. Nafees S, Rashid S, Ali N, Hasan SK, Sultana S. Rutin ameliorates cyclophosphamide induced oxidative stress and inflammation in Wistar rats: Role of NFκB/MAPK pathway. <i>Chem Biol Interact</i> 2015,231:98-107</p> <p>58. Roy S, Majumdar S, Singh AK, Ghosh B, Ghosh N, Manna S, Chakraborty T, Mallick S. Synthesis, Characterization, Antioxidant Status, and Toxicity Study of Vanadium-Rutin Complex in Balb/c Mice. <i>Biol Trace Element Res</i> DOI 10.1007/s12011-015-0270-2</p> <p>59. El-Habeeb AA. Synthesis, spectroscopic, thermal, electrical conductivity and antimicrobial interpretations of new VO(II), Zn(II), Pd(II), Au(III) and Pt(IV) complexes with hypertensive atenolol drug. <i>Orient J Chem</i> 2014, 30(4)</p> <p>60. Arjumand W, Seth A, Sultana S. Rutin attenuates cisplatin induced renal inflammation and apoptosis by reducing NFκB, TNF-α and caspase-3 expression in wistar rats. <i>Food Chem Toxicol</i> 2011, 49(9):2013-2021</p> <p>61. Prabu SM, Muthumani M. Silibinin ameliorates arsenic induced nephrotoxicity by abrogation of oxidative stress, inflammation and apoptosis in rats. <i>Mol Biol Rep</i> 2012; 39(12):11201-11216</p> <p>62. Sarkar S, Dey K. A series of transition and non-transition metal complexes from a N<sub>4</sub>O<sub>2</sub> hexadentate Schiff base ligand: Synthesis, spectroscopic characterization and efficient antimicrobial activities. <i>Spectrochim Acta A: Mol Biomol Spectrosc</i> 2010; 77(4):740-748</p> <p>63. Rajendran M, Mahalakshmi M, Ramya R, Devapiriam D. A semi-empirical study of flavone compounds with antioxidant efficiency. <i>Afr J Pharm Pharmacol</i> 2011, 5(19):2140-2144</p> <p>64. León IE, Di Virgilio AL, Barrio DA, Arrambide G, Gambino D, Etcheverry SB. Hydroxylamido-amino acid complexes of oxovanadium(v). Toxicological study in cell culture and in a zebrafish model. <i>Metallomics</i> 2012, 4:1287-1296</p> <p>65. He F, Hu R, Li R, Lin Y, Niu A, Wu D. The complexation mode of metal ions with Langmuir monolayers of nitrogen-containing flavonoid glycoside-based surfactants derived from rutin. <i>Colloids Surf B: Biointerfaces</i> 2011, 84(1):233-240</p> <p>66. Selvaraj S, Krishnaswamy S, Devashya V, Sethuraman S, Krishnan UM. Flavonoid-metal ion complexes: a novel class of therapeutic agents. <i>Med Res Rev</i> 2014, 34(4):677-702</p> <p>67. Zhail G-y, Qu W-t, Yan Z-t, Zhu W, Duan Y-d, Wang J-p. Synthesis, spectral and antioxidant properties of tin(II)-rutin complex. <i>Chem Nat Compd</i> 2014, 50(4):624-628</p> <p>68. Sanna D, Ugone V, Lubinu G, Micera G, Garribba E. Behavior of the potential antitumor V<sup>IV</sup>O complexes formed by flavonoid ligands. 1. Coordination modes and geometry in solution and at the physiological pH. <i>J Inorg Biochem</i> 2014, 140:173-184</p> <p>69. Sumrra SH, Chohan ZH. Antibacterial and antifungal oxovanadium(IV) complexes of triazole-derived Schiff</p>	
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			<p>bases. <i>Med Chem Res</i> 2013, 22(8):3934-3942</p> <p>70. Selvaraj S, Krishnaswamy S, Devashya V, Sethuraman S, Krishnan UM. Investigations on the membrane interactions of naringin and its complexes with copper and iron: implications for their cytotoxicity. <i>RSC Adv</i> 2014, 4:46407-46417</p> <p>71. Gheno G, de Souza Basso NR, Ceschi MA, Livotto PR, Nascimento AA, da Rocha ZN, Galland GB. Flavone complexes of Ti and Zr active in ethylene polymerization. <i>Appl Cat A: Gen</i> 2013; 467:439-449</p> <p>72. Jabeen M, Ali S, Shahzadi S, Sharma SK, Qanungo K. Synthesis, characterization, theoretical study and biological activities of oxovanadium (IV) complexes with 2-thiophene carboxylic acid hydrazide. <i>J Photochem Photobiol B: Biol</i> 2014; 136:34-45</p> <p>73. Panhwar QK, Memon S. Synthesis, characterisation, and antioxidant study of Cr(III)-rutin complex. <i>Chem Papers</i> 2014; 68:614-623</p> <p>74. Roy S, Mallick S, Chakraborty T, Ghosh N, Singh AK, Manna S, Majumdar S. Synthesis, characterization and antioxidant activity of luteolin-vanadium (II) complex. <i>Food Chem</i> 2015; 173:1172-1178</p> <p>75. Panhwar QK, Memon S. Synthesis, characterization and antioxidant study of Tin(II)-rutin complex: Exploration of tin packaging hazards. <i>Inorg Chim Acta</i> 2013; 407:252-260</p> <p>76. Madhurantakam S, Selvaraj S, Nesakumar N, Sethuraman S, Balaguru Rayappan JB, Maheswari Krishnan U. Electrochemical enzymeless detection of superoxide employing naringin-copper decorated electrodes. <i>Biosens Bioelectron</i> 2014, 59:134-139</p> <p>77. El-Megharbel SM, Hamza RZ, Refat MS. Synthesis, spectroscopic, structural and thermal characterizations of vanadyl(IV) adenine complex prospective as antidiabetic drug agent. <i>Spectrochim Acta A: Mol Biomol Spectrosc</i> 2015; 135:850-864</p> <p>78. Selvaraj S, Krishnaswamy S, Devashya V, Sethuraman S, Krishnan UM. Membrane fluidization &amp; eryptotic properties of hesperidin-copper complex. <i>RSC Adv</i> 2012, 2:11138-11146</p> <p>79. Selvaraj S, Krishnaswamy S, Devashya V, Sethuraman S, Krishnan UM. Investigations on membrane perturbation by chrysin and its copper complex using self-assembled lipid bilayers. <i>Langmuir</i> 2011; 27: 13374-13382</p> <p><b>Badea M, Olar R, Marinescu D, Uivarosi V, Aldea V, Nicolescu TO. Thermal stability of new vanadyl complexes with flavonoid derivatives as potential insulin-mimetic agents. <i>J Therm Anal Calorim</i> 2010, 99(3):823-827; ISSN 1388-6150; citări: 13</b></p> <p>80. Roy S, Majumdar S, Singh AK, Ghosh B, Ghosh N, Manna S, Chakraborty T, Mallick S. Synthesis, Characterization, Antioxidant Status, and Toxicity Study of Vanadium-Rutin Complex in Balb/c Mice. <i>Biol Trace Element Res</i> DOI 10.1007/s12011-015-0270-2</p> <p>81. Roy S, Mallick S, Chakraborty T, Ghosh N, Singh AK, Manna S, Majumdar S. Synthesis, characterization and antioxidant activity of luteolin-vanadium (II) complex. <i>Food Chem</i> 2015; 173:1172-1178</p> <p>82. Pillai SI, Subramanian SP, Kandaswamy M. A novel insulin mimetic vanadium-flavonol complex: Synthesis, characterization and <i>in vivo</i> evaluation in STZ-induced rats. <i>Eur J Med Chem</i> 2013; 63:109-117</p> <p>83. Alan I, Kriza A, Badea M, Stanica N, Olar R. Synthesis and characterisation of Co(II), Ni(II), Zn(II) and Cd(II) complexes with 5-bromo-<i>N,N'</i>-bis-(salicylidene)-<i>o</i>-tolidine. <i>J Therm Anal Calorim</i> 2013; 111(1):483-490</p> <p>84. Sharma N, Kumari M, Sharma R. Thermoanalytical studies of oxovanadium(IV)hydroxamate complexes. <i>J Therm Anal Calorim</i> 2012;107(1):225-229</p> <p>85. Selvaraj S, Sridharan K, Venkappayya D, Sethuraman S, Maheswari Krishan U. Synthesis, characterization and DNA binding properties of rutin-iron complex. <i>RSC Adv</i> 2012, 2(7): 2797-2802</p> <p>86. Yasarawan N, Thipyapong K, Sirichai S, Ruangpornvisuti V. Synthesis of chromium(III) complex with 1-hydroxy-2-pyridinone-6-carboxylic acid as insulin-mimetic agent and its spectroscopic and computational studies. <i>J Mol Struct</i> 2013; 1031:144-151</p> <p>87. Yasarawan N, Thipyapong K, Sirichai S, Ruangpornvisuti V. Fundamental insights into conformational stability and orbital interactions of antioxidant (+)-catechin species and complexation of (+)-catechin with zinc(II) and oxovanadium(IV). <i>J Mol Struct</i> 2013; 1047:344-357</p> <p>88. Parthiban S, Anandalakshmi H, Senthilkumar S, Karthikeyan V, Mojumdar SC. Influence of Vo(II) doping on</p>
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		<p>the thermal and optical properties of magnesium rubidium sulfate hexahydrate crystals. <i>J Therm Anal Calorim</i> 2012; 108(3): 881-885</p> <p>89. Pieniżek E, Kalemekiewicz J, Dranka M, Woźnicka E. Syntheses, crystal structures and antioxidant study of Zn(II) complexes with morin-5'-sulfonic acid (MSA). <i>J Inorg Biochem</i> 2014; 141:180-187</p> <p>90. Sanna D, Ugone V, Lubinu G, Micera G, Garribba E. Behavior of the potential antitumor V<sup>IV</sup>O complexes formed by flavonoid ligands. 1. Coordination modes and geometry in solution and at the physiological pH. <i>J Inorg Biochem</i> 2014, 140:173-184</p> <p>91. Jabeen E, Janjua NK, Hameed S. β-Cyclodextrin assisted solubilization of Cu and Cr complexes of flavonoids in aqueous medium: A DNA-interaction study. <i>Spectrochim Acta A: Mol Biomol Spectrosc</i> 2014; 128:191-196</p> <p>92. Naso LG, Lezama L, Rojo T, Etcheverry SB, Valcarcel M, Roura M, Salado C, Ferrer EG, Williams PAM. Biological evaluation of morin and its new oxovanadium(IV) complex as antio-xidant and specific anti-cancer agents. <i>Chem Biol Interact</i> 2013, 206(2):289-301</p> <p><b>Badea M, Olar R, Marinescu D, Uivarosi V, Nicolescu TO, Iacob D. Thermal study of some new quinolone ruthenium(III) complexes with potential cytostatic activity. <i>J Therm Anal Calorim</i> 2010, 99(3):829-834; ISSN 1388-6150; citări: 9</b></p> <p>93. Patel MN, Karia PS, Vekariya PA, Patidar AP. Synthesis, characterization and biological elucidation of mixed ligand Cu(II) complexes as artificial metallo-nucleases. <i>J. Pharm Sci Emerg Drugs</i> 2015, 3(1):1-10</p> <p>94. Carcelli M, Bacchi A, Pelagatti P, Rispoli G, Rogolino D, Sanchez TW, Sechi M, Neamati N. Ruthenium arene complexes as HIV-1 integrase strand transfer inhibitors. <i>J Inorg Biochem</i> 2013, 118:74-82</p> <p>95. Jingyan S, Zhiyong W, Yuwen L, Cunxin W. Investigation of thermal behavior of enoxacin and its hydrochloride. <i>J Therm Anal Calorim</i> 2012; 108(1):299-306</p> <p>96. Holló B, Krstić M, Sovilj SP, Pokol G, Szécsényi KM. Thermal decomposition of new ruthenium(II) complexes containing <i>N</i>-alkylphenothiazines. <i>J Therm Anal Calorim</i> 2011; 105(1):27-32</p> <p>97. Patel MN, Bhatt BS, Dosi PA. Thermal, spectral, and thermodynamic studies for evaluation of calf thymus DNA interaction activity of some copper(II) complexes. <i>J Therm Anal Calorim</i> 2012, 107(1):55-64</p> <p>98. Kharadi GJ. Effect of substituent of terpyridines on the <i>in vitro</i> antioxidant, antitubercular, biocidal and fluorescence studies of copper(II) complexes with clioquinol. <i>Spectrochim Acta A: Mol Biomol Spectrosc</i> 2014; 117:662-668</p> <p>99. Patel MN, Patidar AP. DNA interactions and promotion in antibacterial activities of the norfloxacin drug due to formation of mixed-ligand copper(II) complexes. <i>Monatsh Chem</i> 2014; 145(2):369-381</p> <p>100. Shi J, Wang Z, Liu Y, Wang C. Investigation of thermal behavior of enoxacin and its hydrochloride. <i>J Therm Anal Calorim</i> 2012; 108(1):299-306</p> <p>101. Rusu A, Gyéresi Á, Hancu G. New Perspectives: Quinolones as Complexation Agents. <i>Acta Med Marisiensis</i> . 2011, 57(2):49-154</p> <p><b>Dinu M, Uivarosi V, Popescu ML, Radulescu V, Arama CC, Nicolescu TO, Ancuceanu RV. Proximate composition and some physico-chemical properties of <i>Abutilon theophrasti</i> (velvetleaf) seed oil. <i>Rev Chim</i> 2010, 61(1):50-54; ISSN 0034-7752; citări: 2</b></p> <p>102. Mamadaliyeva NZ, Sharopov F, Girault JP, Wink M, Lafont R. Phytochemical analysis and bioactivity of the aerial parts of <i>Abutilon theophrasti</i> (Malvaceae), a medicinal weed. <i>Nat Prod Res</i> 2014; 28(20): 1777-1779</p> <p>103. Crisan, CC, Calinescu I, Dobre T, Zalaru, C. Calculation of separation processes used for the extraction of active principles from fruits of <i>Coreopsis tinctoria</i> Nutt. <i>Rev Chim</i> 2013; 64(4):366-371</p> <p><b>Lupsor S, Uivarosi V, Iovu M. Rapid synthesis of azole amins under microwave heating conditions. <i>Rev Chim</i> 2010, 61(3):333-335; ISSN 0034-7752; citări: 3</b></p> <p>104. Aonofriesei F, Lupsor S. Inhibitory potential of a novel imidazole derivative as evaluated by time-kill and dehydrogenase activity. <i>Curr Microbiol</i> 2013, 66(2):162-168</p> <p>105. Lupsor S, Aonofriesei F, Iovu M. Antibacterial activity of amins and hemiaminals of pyrazole and imidazole. <i>Med Chem Rev</i> 2012, 21(10):3035-3042</p>	
--	--	--	--



			<p>106. Lupsor S, Tarcomnicu I, Aonofriesei F, Iovu M. Microwave-assisted synthesis of 1-hydroxymethylazoles. <i>Rev Chim</i> 2011; 62(5):493-498</p> <p><b>Badea M, Olar R, Marinescu D, Uivarosi V, Iacob D.</b> Thermal decomposition of some biologically active complexes of ruthenium (III) with quinolone derivatives. <i>J Therm Anal Calorim</i> 2009, 97(2):735-739; ISSN 1388-6150; citări: <b>2</b></p> <p>107. Carcelli M, Bacchi A, Pelagatti P, Rispoli G, Rogolino D, Sanchez TW, Sechi M, Neamati N. Ruthenium arene complexes as HIV-1 integrase strand transfer inhibitors. <i>J Inorg Biochem</i> 2013, 118:74-82</p> <p>108. Tanimoto MK, Dias K, Dovidauskas S, Nikolaou S. Tuning the reaction products of ruthenium and ciprofloxacin for studies of DNA interactions. <i>J Coord Chem</i> 2012, 65(9): 1504-1517</p> <p><b>Uivarosi V, Monciu CM.</b> Studies on the gravimetric and spectrophotometric analysis of norfloxacin using ammonium reineckate. <i>Rev Chim</i> 2009, 60(2):132-136; ISSN 0034-7752; citări: <b>8</b></p> <p>109. Peppel T, Thiele P, Mei-Bo T, Zhao J-T, Köckerling M. Low-Melting Imidazolium-Based Salts with the Paramagnetic Reineckate-Analogue Anion <math>[\text{Cr}(\text{NCS})_4(\text{bipy})]^-</math> (bipy = 2,2'-Bipyridine): Syntheses, Properties, and Structures. <i>Inorg. Chem</i> 2014; DOI: 10.1021/ic502358b</p> <p>110. Asaftei IV, Alexandroaei M, Birsă ML, Luca AC, Gradinaru R, Lungu NC. The action of a penicillinase with attenuated activity on a penicillin G substrate. <i>Rev Chim</i> 2014; 65(8):903-906</p> <p>111. Chim R, Marceneiro S, Braga MEM, Dias A, de Sousa HC. Solubility of norfloxacin and ofloxacin in supercritical carbon dioxide. <i>Fluid Phase Equilib</i> 2012, 331:6–11</p> <p>112. Elmasry MS, Elazazy MS, Hassan WS. Utilization of ion-associate formation in spectroscopic and conductometric determination of mebeverine hydrochloride in pharmaceutical formulations. <i>Int J Electrochem Sci</i> 2013; 8(3):3888-3901</p> <p>113. Elazazy MS, Hassan WS, Elmasry MS. Spectroscopic and conductometric characterization of the ion-pairs constituted by oxyphenonium bromide in aqueous solutions. <i>Anal Bioanal Electrochem</i> 2013; 5(5):574-587</p> <p>114. Peppel T, Schmidt C, Köckerling M. Synthesis, Properties, and Structures of Salts with the Reineckate Anion, <math>[\text{Cr}^{\text{III}}(\text{NCS})_4(\text{NH}_3)_2]^-</math>, and Large Organic Cations. <i>Z Anorg Allg Chem</i> 2011, 637(10):1314-1321</p> <p>115. Peppel T, Thiele P, Köckerling M. Low-melting salts with the <math>[\text{Cr}^{\text{III}}(\text{NCS})_4(1,10\text{-phenanthroline})]^-</math> complex anion: Syntheses, properties, and structures. <i>Russ J Coord Chem</i> 2012, 38(3):207-218</p> <p>116. Turcuman (Antighin) S, Sibiescu D, Rosca I, Cretescu I, Secula MS. Synthesis and characterization of some coordination compounds of Mn(II), Co(II) and Fe(III) with 1-(3 bromine, 2 hydroxy, 4 methylphenyl)-2-(4 bromine-phenyl-sulphanyl)-ethanone. <i>Rev Chim</i> 2010, 61(10): 951-956</p> <p><b>Velescu BS, Uivarosi V, Anuta V, Buzescu A, Negres S.</b> Pharmacodynamic and pharmacokinetic studies on novel vanadyl chrysin complex. <i>Stud Univ Vasile Goldis Arad Ser Stiint Vietii</i> 2012, 22(4):525-530; ISSN: 1584-2363; citări: <b>1</b></p> <p>117. Xiao J, Zhai H, Yao Y, Wang C, Jiang W, Zhang C, Simard AR, Zhang R, Hao J. Chrysin attenuates experimental autoimmune neuritis by suppressing immuno-inflammatory responses. <i>Neuroscience</i> 2014, 262:156-64</p> <p><b>Arsene AL, Uivarosi V, Mitrea N, Dragoi CM, Nicolae A,</b> The binding properties of some novel ruthenium (III) complexes with human serum transferrin, <i>Biopolymers and Cell</i> 2011, 27 (2), 141 – 146; ISSN: 0233-7657; citări: <b>1</b></p> <p>118. Śpiewak K, Brindell M. Impact of low- and high-molecular-mass components of human serum on NAMI-A binding to transferrin. <i>J Biol Inorg Chem</i> 2015, 20(4):695-703</p> <p><b>Uivarosi V, Aramă C,</b> Contributions to the spectrophotometric analyses of norfloxacin, <i>Farmacia</i> 2002, 50(3), 71-77; ISSN 0014-8237; citări: <b>1</b></p> <p>119. Mohamed AEMI, Abdelmageed OH, Ibrahim RH. Determination of two antibacterial binary mixtures by</p>	
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		<p>chemometrics-assisted spectrophotometry. <i>J AOAC Int</i> 2007, 90(1):128-141(14)</p> <p><b>Uivarosi V</b>, Neagoie S, Aldea V, Nițulescu A, Structure and antimicrobial activity of some new norfloxacin and ofloxacin divalent metal ion complexes, <i>Roum Arch Microbiol Immunol</i> 2001, 60(3):267-277; ISSN: 1222-3891; citări: <b>4</b></p> <p>120. Bharti SK, Patel SK, Nath G, Tilak R, Singh SK. Synthesis, characterization, DNA cleavage and in vitro antimicrobial activities of copper(II) complexes of Schiff bases containing a 2,4-disubstituted thiazole. <i>Trans Met Chem</i> 2010; 35 (8):917-925</p> <p>121. Sekhon BS, Gandhi L. Synthesis and characterization of metal complexes of some antibacterial drugs. <i>Int J ChemTech Res</i> 2010; 2(1):286-288</p> <p>122. Sekhon BS, Srivastava J. Synthesis and characterization of metal complexes of flumequine, oxolinic acid, ofloxacin and ciprofloxacin <i>J Indian Chem Soc</i> 2007, 84(12):1205-1209</p> <p>123. Kolář M, Jedličková A. Perspektivy antimikrobiální léčby v blízké a vzdálenější budoucnosti   [Prospectives of antimicrobial therapy in the near and far future] <i>Anesteziol Intenz Med</i> 2007 18 (2):103-112</p> <p>Aldea V, <b>Uivarosi V</b>, Carp N, Carp S, Studiul prin spectrofotometrie derivativă de absorbție a interacțiunii benzilpenicilinei în soluții apoase cu ionul Cr<sup>3+</sup>. <i>Farmacia</i>, 47(6), 15-26 (1999); ISSN 0014-8237; citări: <b>1</b></p> <p>124. Bosch Ojeda C, Sanchez Rojas F. Recent developments in derivative ultraviolet/visible absorption spectrophotometry. <i>Anal Chim Acta</i> 2005, 518(1-2) :1–24</p> <p>Margina D, Velescu B, <b>Uivarosi V</b>, Aldea V, Negres S, Mitrea N. Evaluation of insulin-mimetic activity of new vanadyl-flavonoid complexes in alloxan induced diabetes. <i>35<sup>th</sup> FEBS Congress</i>, Goteborg, Sweden, 26 June-1 July 2010. <i>FEBS Journal</i> 2010, 277 (Suppl. 1), p. 61; citări: <b>2</b></p> <p>125. Yasarawan N, Thipyapong K, Sirichai S, Ruangpornvisuti V. Synthesis of chromium(III) complex with 1-hydroxy-2-pyridinone-6-carboxylic acid as insulin-mimetic agent and its spectroscopic and computational studies. <i>J Mol Struct</i> 2013, 1031:144-151</p> <p>126. Gao Z, Zhang C, Yu S, Yang X, Wang K. Vanadyl bisacetylacetonate protects <math>\beta</math> cells from palmitate-induced cell death through the unfolded protein response pathway. <i>J Biol Inorg Chem</i> 2011, 16(6):789-798</p>	
	3.3. prezentari invitate in plenul unor manifestari stiintifice nationale si internationale	<p>Simpozionul “Produce OTC de uz pediatric”, 27 octombrie 2007, organizat sub egida Ordinului Asistenților Medicali și Moșșelor din România (2 prezentări)</p> <p>Pharma Conference București 12-13 mai 2011, eveniment creditat cu puncte EFC (1 prezentare)</p>	
	3.4.profesor invitat (exclusiv ERASMUS)	-	
	3.5.membru in colectivele de redactie sau comitete stiintifice, organizator de manifestari stiintifice	<p>Membru în Comitetul local de organizare –Al XII-lea Congres Național de Farmacie, 17-19 octombrie, 2002</p> <p>Membru în comitetul de organizare – Simpozionul aniversar dedicat împlinirii a 90 de ani de la înființarea Facultății de Farmacie din <i>București</i>, 02 octombrie 2013</p>	
	3.6.recenzor pentru reviste si	<p><i>Farmacia</i> (din 2011); IF: 1.251</p> <p><i>Medicinal Chemistry Research</i> (din 2011); IF: 1.612</p>	

	manifestari stiintifice nationale si internationale indexate ISI/BDI	<p>Spectrochimica Acta Part A (din 2014); IF: 2.129</p> <p>Molecules (din 2012); IF: 2.095</p> <p>American Chemical Science Journal (2013); BDI</p> <p>British Journal of Medicine and Medical Research (2013); BDI</p> <p>International Journal of Chemistry (2013); BDI</p> <p>Arabian Journal of Chemistry (2014); IF: 2.684</p> <p>Acta Pharmacologica Sinica (2014); IF: 2.496</p> <p>Journal of Molecular Structure (2015); IF : 1.599</p> <p>Mini-Reviews in Medicinal Chemistry (2015); IF: 3.186</p> <p>Journal of Molecular Liquids (2015); IF: 2.083</p>	
	3.7.membru comisii de doctorat (exclusiv presedinte) si abilitare	Membru comisie de doctorat Universitatea din București (ordinul Rectorului Universității din București nr. 453 din 21 mai 2014)	
	3.8.experienta de management in cercetare si/sau invatamant	<p><u>Experienta de management in cercetare</u></p> <p>Director a trei proiecte de cercetare PNII (2 proiecte în cadrul programului Parteneriate, 1 proiect în cadrul programului Capacități)</p> <p><u>Experienta de management in invatamant</u></p> <p>Coordonator al Secției Asistență de Farmacie a Facultății de Moașe și Asistență Medicală din cadrul UMF „Carol Davila” (2005 – 2012)</p> <p>Șef disciplină Chimie Generală și Anorganică (2011 – prezent)</p> <p>Membru al Consiliului Facultății de Farmacie (2011 – prezent)</p> <p>Membru al Consiliului Departamentului Farmacie I – Științe fundamentale (2011 – prezent)</p> <p>Membru al Comisiei de Etică și Deontologie Universitară a UMF „Carol Davila” (2012 – prezent)</p> <p>Membru al Biroului Electoral al Universității responsabil cu desfășurarea procedurilor de alegeri la Facultatea de Moașe și Asistență Medicală (2012)</p> <p>Membru al Comisiei pentru Asigurarea Calității pentru elaborarea dosarului de acreditare a programelor de studii pentru: Asistență Medicală Generală, Moașe, Tehnică Dentară și Balneofiziokinetoterapie (2011)</p> <p>Membru al Comisiei pentru Evaluarea și Asigurarea Calității la nivelul Facultății de Farmacie (2014 – prezent)</p>	
	3.9. participare efectiva manifestari stiintifice	50 de participări	