

Lista de lucrări

Teza de doctorat: *Noi Polimeri de Coordinație Încorporând Liganzi Polipirazolici Rigizi și Flexibili cu Metale Tranziționale. Microporozitate, Rezistență Termică, Fotoluminescență și Acțiune Antibacteriană* (2010 – 2013, Ciclul al XXV-lea). Departamentul de Științe Chimice, Universitatea din Camerino, Italia. <http://ecum.unicam.it/431/>

1.1. Articole publicate în reviste cotate ISI

1. **Aurel Tabacaru**, Bianca Furdui, Ioana Otilia Ghinea, Geta Carac, Rodica Mihaela Dinica, „Recent advances in click chemistry reactions mediated by transition metal based systems”, *Inorg. Chim. Acta* **2017**, 455, 329-349. DOI: 10.1016/j.ica.2016.07.029. Impact factor (2015): **1.918**.
<http://www.sciencedirect.com/science/article/pii/S0020169316304078>
2. Claudio Pettinari, **Aurel Tabacaru**, Simona Galli, „Coordination polymers and metal-organic frameworks based on poly(pyrazole)-type ligands”, *Coord. Chem. Rev.* **2016**, 307, 1-31. DOI: 10.1016/j.ccr.2015.08.005. Impact factor (2015): **12.994**. <http://www.sciencedirect.com/science/article/pii/S0010854515002751>
3. **Aurel Tabacaru**, Nertil Xhaferaj, Luisa M.D.R.S. Martins, Elisabete C.B.A. Alegria, Rogerio S. Chay, Carlotta Giacobbe, Konstantin V. Domasevitch, Armando J.L. Pombeiro, Simona Galli, Claudio Pettinari, „Metal azolate/carboxylate frameworks as catalysts in oxidative and C-C coupling reactions”, *Inorg. Chem.* **2016**, 55(12), 5804-5817. DOI: 10.1021/acs.inorgchem.5b02997. Impact factor (2015): **4.820**.
<http://pubs.acs.org/doi/abs/10.1021/acs.inorgchem.5b02997>
4. Elisa Lavigna, Nertil Xhaferaj, **Aurel Tabacaru***, Marco Lamperti, Luca Nardo, Massimo Mella, Claudio Pettinari, Simona Galli, „Investigating the structural features and spectroscopic properties of bis(tetrazolato)-based coordination polymers”, *Cryst. Growth Des.* **2016**, 16(11), 6390-6404. DOI: 10.1021/acs.cgd.6b01056. Impact factor (2015): **4.425**. <http://pubs.acs.org/doi/abs/10.1021/acs.cgd.6b01056>
5. **Aurel Tabacaru**, Viorica Musat, Rodica M. Dinica, Constantin Gheorghies, „Catalytic effect of zinc oxide nanoparticles prepared through assisted modification with a diquaternary salt of bis(pyridinium)”, *Rev. Chim. (Bucharest)* **2016**, 67(8), 1508-1512. Impact factor (2015): **0.956**.
http://www.revistadechimie.ro/article_eng.asp?ID=5128
6. **Aurel Tabacaru**, Viorica Musat, Nicolae Tigau, Bogdan Stefan Vasile, Vasile-Adrian Surdu, „Vinyltrimethoxysilane-modified zinc oxide quantum dots with tuned optical properties”, *Appl. Surf. Sci.* **2015**, 359, 766-773. DOI: 10.1016/j.apsusc.2015.10.175. Impact factor (2015): **3.150**.
<http://www.sciencedirect.com/science/article/pii/S0169433215025945>
7. **Aurel Tabacaru**, Simona Galli, Claudio Pettinari, Norberto Masciocchi, Thomas M. McDonald, Jeffrey R. Long, „Ni(II) and Cu(I,II)-based metal-organic frameworks incorporating an extended tris-pyrazolate linker”, *CrystEngComm* **2015**, 17, 4992-5001. DOI: 10.1039/C5CE00561B. Impact factor (2015): **3.849**.
<http://pubs.rsc.org/en/Content/ArticleLanding/2015/CE/c5ce00561b#!divAbstract>
8. Viorica Musat, **Aurel Tabacaru**, Vasile Stefan Bogdan, Vasile-Adrian Surdu, „Size-dependent photoluminescence of zinc oxide quantum dots through organosilane functionalization”, *RSC Advances* **2014**, 4, 63128-63136. DOI: 10.1039/C4RA10851E. Impact factor (2015): **3.289**.
<http://pubs.rsc.org/is/content/articlelanding/2014/ra/c4ra10851e/unauth#!divAbstract>
9. Graham A. Bowmaker, John V. Hanna, Scott P. King, Fabio Marchetti, Claudio Pettinari, Adriano Pizzabiocca, Brian W. Skelton, Alexandre N. Sobolev, **Aurel Tabacaru**, Allan H. White, „Complexes of copper(I) thiocyanate with monodentate phosphine and pyridine ligands and the P(N)-donor diphenyl(2-pyridyl)phosphine”, *Eur. J. Inorg. Chem.* **2014**, 6104-6116. DOI: 10.1002/ejic.201402791. Impact factor (2015): **2.686**.
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10. **Aurel Tabacaru***, Claudio Pettinari, Fabio Marchetti, Simona Galli, Norberto Masciocchi, „*Bis(pyrazolato)-based MOFs fabricated with 4,4'-bis((3,5-dimethyl-1H-pyrazol-4-yl)methyl)biphenyl and late transition metals*”, *Cryst. Growth Des.* **2014**, *14*, 3142-3152. DOI: 10.1021/cg500459v. Impact factor (2015): **4.425**. <http://pubs.acs.org/doi/abs/10.1021/cg500459v>
11. Simona Galli, Carlotta Giacobbe, **Aurel Tabacaru**, Nertil Xhaferaj, Claudio Pettinari, „*Unsolvated ruthenium(II) dichloride: the beta polymorph*”, *J. Mol. Struct.* **2014**, *1067*, 233-238. DOI: 10.1016/j.molstruc.2014.03.046. Impact factor (2015): **1.780**. <http://www.sciencedirect.com/science/article/pii/S0022286014003147>
12. **Aurel Tabacaru***, Claudio Pettinari, Ivan Timokhin, Fabio Marchetti, Francisco Carrasco-Marín, Francisco José Maldonado-Hódar, Simona Galli, Norberto Masciocchi, „*Enlarging an isorecticular family: 3,3',5,5'-tetramethyl-4,4'-bipyrazolato-based porous coordination polymers*”, *Cryst. Growth Des.* **2013**, *13*, 3087-3097. DOI: 10.1021/cg400495w. Impact factor (2015): **4.425**. <http://pubs.acs.org/doi/abs/10.1021/cg400495w>
13. Graham A. Bowmaker, Corrado Di Nicola, Effendy, John V. Hanna, Peter C Healy, Scott P. King, Fabio Marchetti, Claudio Pettinari, Ward T. Robinson, Brian W. Skelton, Alexandre N. Sobolev, **Aurel Tabacaru**, Allan H. White, „*Oligo-nuclear silver(I) thiocyanate complexes with monodentate tertiary phosphine ligands, including novel 'cubane' and 'step' tetramer forms of AgSCN:PR₃ (1:1)₄*”, *Dalton Trans.* **2013**, *42*, 277-291. DOI: 10.1039/C2DT31853A. Impact factor (2015): **4.177**. <http://pubs.rsc.org/en/content/articlelanding/2013/dt/c2dt31853a/unauth#!divAbstract>
14. **Aurel Tabacaru**, Claudio Pettinari, Fabio Marchetti, Corrado di Nicola, Konstantin V. Domasevitch, Simona Galli, Norberto Masciocchi, Stefania Scuri, Iolanda Grappasonni, Mario Cocchioni, „*Antibacterial action of 4,4'-bipyrazolyl-based silver(I) coordination polymers embedded in PE disks*”, *Inorg. Chem.* **2012**, *51*(18), 9775-9788. DOI: 10.1021/ic3011635. Impact factor (2015): **4.820**. <http://pubs.acs.org/doi/abs/10.1021/ic3011635>
15. Claudio Pettinari, **Aurel Tabacaru**, Ishtvan Boldog, Konstantin V. Domasevitch, Simona Galli, Norberto Masciocchi, „*Novel coordination frameworks incorporating the 4,4'-bipyrazolyl ditopic ligand*”, *Inorg. Chem.* **2012**, *51*(9), 5235-5245. DOI: 10.1021/ic3001416. Impact factor (2015): **4.820**. <http://pubs.acs.org/doi/abs/10.1021/ic3001416>
16. Graham A. Bowmaker, John V. Hanna, Robert D. Hart, Peter C. Healy, Scott P. King, Fabio Marchetti, Claudio Pettinari, Brian W. Skelton, **Aurel Tabacaru**, Allan H. White, „*Mechanochemical and solution synthesis, X-ray structure and IR and ³¹P solid state NMR spectroscopic studies of copper(I) thiocyanate adducts with bulky monodentate tertiary phosphine ligands*”, *Dalton Trans.* **2012**, *41*, 7513-7525. DOI: 10.1039/c2dt30579h. Impact factor (2015): **4.177**. <http://pubs.rsc.org/en/Content/ArticleLanding/2012/DT/c2dt30579h#!divAbstract>
17. Bianca Furdui, Rodica M. Dinica, **Aurel Tabacaru**, Claudio Pettinari, „*Synthesis and Physico-chemical Properties of a Novel Series of Aromatic Electron Acceptors Based on N-Heterocycles*”, *Tetrahedron* **2012**, *68*(31), 6164-6168. DOI:10.1016/j.tet.2012.05.077. Impact factor (2015): **2.645**. <http://www.sciencedirect.com/science/article/pii/S0040402012007958>
18. Bianca Furdui, Oana Constantin, **Aurel Tabacaru**, Rodica M. Dinica, „*New Bis-Pyridinium Diquaternary Salts with Antimicrobial Properties*”, *Rev. Chim. (Bucharest)* **2012**, *63*(7), 667-671. Impact factor (2015): **0.956**. <http://www.revistadechimie.ro/pdf/FURDUI%20B.pdf%207%2012.pdf>
19. **Aurel Tabacaru***, Claudio Pettinari, Riccardo Pettinari, Mariglen Angjellari, „*Rigidity versus flexibility upon the porosity degree of new metal-organic polymeric materials*”, *Rev. Roum. Chim.* **2012**, *57*(9-10), 871-875. Impact factor (2015): **0.250**. http://revroum.lew.ro/wp-content/uploads/2012/RRCh_9-10_2012/Art%2013.pdf
20. **Aurel Tabacaru***, Claudio Pettinari, Norberto Masciocchi, Simona Galli, Fabio Marchetti, Mariglen Angjellari, „*Pro-porous coordination polymers based on 1,4-bis((3,5-dimethyl-1H-pyrazol-4-yl)methyl)benzene with late transition metals*”, *Inorg. Chem.* **2011**, *50*(22), 11506-11513. DOI: 10.1021/ic2013705. Impact factor (2015): **4.820**. <http://pubs.acs.org/doi/abs/10.1021/ic2013705>

Factor de impact cumulat: 75.382
Nr. total de citari (fara autocitari): 142
h-index (Scopus): 8

1.2. Articole publicate în reviste indexate în baze de date internaționale (BDI)

1. Aurel Tabacaru, Mariana Busila, Viorica (Ghisman) Plescan, Viorica Musat, „*Photocatalytic study of organosilane modified zinc oxide nanoparticles*”, *Ovidius University Annals of Chemistry* **2015**, 26(2), 61-66.
<http://www.degruyter.com/view/j/auoc.2015.26.issue-2/auoc-2015-0012/auoc-2015-0012.xml>
2. Orleans Ngomo, Joseph Sieliechi, Jean Bosco Tchatchueng, Richard Kamga, Aurel Tabacaru, Rodica Dinica, Mirela Praisler, „*The effect of chlorhydric acid activation on the physico-chemical and rheological properties of a kaolinite*”, *Int. J. Sci. Eng. Technol.* **2014**, 3(7), 876-879.
http://ijset.com/ijset/publication/v3s7/IJSET_2014_710.pdf
3. Claudio Pettinari, Corrado di Nicola, Aurel Tabacaru, Rodica Dinica, „*Synthesis of the [Cu(NCS)(py)₂(PPh₃)] coordination compound with photoluminescent properties*”, *The Annals of the “Dunarea de Jos” University of Galati, Romania, Fascicle II – Mathematics, Physics, Chemistry, Informatics, Year III (XXXII) 2009*, 195-199, ISSN 2067-2071. Lucrare prezentată oral la Primul Simpozion Internațional pe Fizică Aplicată - Știința Materialelor, Mediu și Sănătate (ISAP-1), 28 -29 Noiembrie 2009, Galați, România.

1.3. Articole publicate în volume ale conferințelor internaționale

1. Orleans Ngomo, Joseph Marie Sieliechi, Jean Bosco Tchatchueng, Richard Kamga, Aurel Tabacaru, Rodica Dinica, Mirela Praisler, „*Differences between structural, textural and rheological properties of two Cameroonian mineral clays used as cosmetic mask*”. *Proceedings of the 2014 International Conference on Chemistry and Chemical Engineering (CCE 2014)*, 17-21 July **2014**, Santorini, Greece. Published in: *Advances in Environmental Sciences, Development and Chemistry*, pp 425-431, ISBN: 978-1-61804-239-2.
<http://www.europment.org/library/2014/santorini/bypaper/ENVIR/ENVIR-65.pdf>

2. Comunicări orale și postere

1. Simona Galli, Aurel Tabacaru, Nertil Xhaferaj, Luísa M.D.R.S. Martins, Elisabete C.B.A. Alegria, Rogério S. Chay, Carlotta Giacobbe, Armando J.L. Pombeiro, Claudio Pettinari, „*Metal Azolate/Carboxylate Frameworks as Catalyst sin Oxidative and C-C Coupling Reactions*” (oral presentation), IV Meeting of the Italian and Spanish Crystallographic Associations (MISCA), 21-25 June **2016**, Tenerife, Spania.
2. Aurel Tabacaru, Rodica Mihaela Dinica, Viorica Musat, „*Zinc oxide nanoparticles as catalyst in the in situ transformation of a bis(pyridinium) diquaternary salt*” (poster presentation), A XXXIV-a Conferinta Nationala de Chimie, 4-7 October **2016**, Caciulata, Romania.
3. Aurel Tabacaru, Rodica Mihaela Dinica, Angela Detcu, Geta Carac, „*Preparation and characterization of some lanthanide compounds with pyridinium ligands as thin films with sensing potential*” (poster presentation), A XXXIV-a Conferinta Nationala de Chimie, 4-7 October **2016**, Caciulata, Romania.
4. Aurel Tabacaru, Viorica Musat, Nicolae Tigau, „*Novel hybrid zinc oxide nanoparticles with tuned optical properties through organosilane surface modification*” (poster presentation), The 8th International Conference on Advanced Materials, ROCAM 2015, 7-10 July **2015**, Bucharest, Romania. Book of Abstracts, pag. 60.
5. Viorica Musat, Aurel Tabacaru, Mariana Busila, Nicolae Tigau, „*Hybrid ZnO-nanostructures materials with photoluminescent and antimicrobial properties*” (oral presentation), Seminarul National de Nanostiinta si Nanotehnologie, Editia a 14-a, 26 Martie **2015**, Academia Romana, Bucuresti, Romania.
6. Elisa Lavigna, Nertil Xhaferaj, Aurel Tabacaru, Luca Nardo, Simona Galli, Claudio Pettinari, „*Transition metal-based coordination polymers with a flexible poly(azoloto) tecton: structural aspects and spectroscopic properties*”

- (poster presentation), 2nd ICSU/IUPAC Workshop on Crystal Engineering, August 30th – September 1st, **2015**, Como, Italy.
- Aurel Tabacaru**, Viorica Musat, Rodica M. Dinica, Constantin Gheorghies, „Assisted modification of zinc oxide nanoparticles with a diquatery salt of bis(pyridinium)” (oral presentation), Scientific Conference of Doctoral Schools (CSSD-UDJG) in joint with UGALnano5 Symposium, 4-5 June **2015**, Galati, Romania. Book of Abstracts, pag. 77.
 - Viorica Musat, **Aurel Tabacaru**, „Organosilane-modified zinc oxide nanoparticles with tuned optical properties” (poster presentation), The 2015 Spring Conference of the European Materials Research Society (E-MRS), 11-15 May **2015**, Lille, France.
 - Nertil Xhaferaj, **Aurel Tabacaru**, Elisa Lavigna, Simona Galli, Luca Nardo, Claudio Pettinari, „Zinc(II), mercury(II) and silver(I) coordination polymers containing a flexible bis(tetrazolato)-based tecton” (poster presentation), 6th EuCheMS Conference on Nitrogen Ligands, 13-17 September **2015**, Beaune, France. Book of Abstracts, pag. 257.
 - Aurel Tabacaru**, Claudio Pettinari, Fabio Marchetti, Simona Galli, Nertil Xhaferaj, Andrea Rossin, Maurizio Peruzzini, „Novel coordination polymers based on bis- and tris-pyrazolyl ligands” (oral presentation), First European Conference on Smart Inorganic Polymers (EUSIP 2014), 21-23 September **2014**, Maribor, Slovenia. Book of Abstracts: pag. 38, OP-20.
 - Aurel Tabacaru**, Viorica Ghisman, Alexandru Alexa, Nicolae Tigau, Viorica Musat, „Photoluminescent hybrid materials based on ZnO” (oral presentation), Scientific Conference of Doctoral Schools (CSSD-UDJG) in joint with UGALnano4 Symposium, 15-16 May **2014**, Galati, Romania. Book of Abstracts, pag. 39.
 - Nertil Xhaferaj, **Aurel Tabacaru**, Claudio Pettinari, Fabio Marchetti, Simona Galli, Norberto Masciocchi, Konstantin V. Domasevitch, „1,3-bis(1,2,4-triazolyl)adamante-based coordination polymers” (poster), 4th Scientific Day of the School of Science and Technology, 11 June **2014**, Camerino, Italy.
 - Aurel Tabacaru**, Nertil Xhaferaj, Riccardo Pettinari, Fabio Marchetti, Claudio Pettinari, Massimiliano Cuccioloni, Anna Maria Eleuteri, „Dinuclear arene ruthenium(II) complexes with 3,3',5,5'-tetramethyl-4,4'-bipyrazole and modulation of proteasome activity” (poster), 9th International School of Organometallic Chemistry, 30 August – 3 September **2013**, Camerino, Italia. Book of Abstracts, P43.
 - Aurel Tabacaru**, Claudio Pettinari, Ivan Timokhin, Fabio Marchetti, Francisco Carrasco-Marín, Francisco Jose Maldonado-Hódar, Simona Galli, Norberto Masciocchi, „Enlarging an isorecticular family: 3,3',5,5'-tetramethyl-4,4'-bipyrazolato-based porous coordination polymers” (poster), 3rd Scientific Day of the School of Science and Technology. Book of Abstracts, P25, 12 June **2013**, Camerino, Italy. ISBN: 9788867680122.
 - Nertil Xhaferaj, **Aurel Tabacaru**, Claudio Pettinari, Fabio Marchetti, Riccardo Pettinari, Simona Galli, Norberto Masciocchi, Konstantin V. Domasevitch, „Novel coordination frameworks incorporating 3,5-dimethyl-4 -carboxypyrazole” (poster), 3rd Scientific Day of the School of Science and Technology. Book of Abstracts, P27, 12 June **2013**, Camerino, Italy. ISBN: 9788867680122.
 - Aurel Tabacaru**, Claudio Pettinari, Fabio Marchetti, Corrado di Nicola, K. V. Domasevitch, Simona Galli, Norberto Masciocchi, Stefania Scuri, Iolanda Grappasonni, Mario Cocchioni, „Novel silver(I) coordination polymers based on the 4,4'-bipyrazolyl ligand having powerful bactericide activity” (poster), 244th ACS National Meeting & Exposition, August 19-23, **2012**, Philadelphia, Pennsylvania (USA). Division of Inorganic Chemistry (INOR), P-180. ISSN: 0065-7727.
 - Aurel Tabacaru**, Claudio Pettinari, Norberto Masciocchi, Simona Galli, Fabio Marchetti, Corrado di Nicola, Riccardo Pettinari, Mariglen Angjellari, „New metal-organic frameworks based on the flexible 1,4-bis((3,5-dimethyl-1H-pyrazol-4-yl)methyl)benzene and 4,4'-bis((3,5-dimethyl-1H-pyrazol-4-yl)methyl)biphenyl ligands with different transition metals” (poster), 5th EuCheMS Conference on Nitrogen Ligands, 4-8 September **2011**, Granada, Spain. Conference Book pag. 241.

18. Riccardo Pettinari, Fabio Marchetti, Claudio Pettinari, Corrado di Nicola, Ivan Timokhin, **Aurel Tabacaru**, Magda Monari, „*Metal-Assisted Formation of New Hydroxy(pyrazolyl)diphenylborate Ligands*” (poster), 8th International School of Organometallic Chemistry, 27-31 August **2011**, Camerino, Italy.
19. **Aurel Tabacaru**, Claudio Pettinari, Riccardo Pettinari, „*Rigidity versus flexibility upon the porosity degree of new metal-organic polymeric materials*”, The 10th International Conference on Colloids and Surface Chemistry, 9-11 June **2011** (oral presentation), Galati, Romania. Book of Abstracts, pag. 48.
20. Fabio Marchetti, Corrado di Nicola, **Aurel Tabacaru**, Mariglen Angjellari, „*New Luminescent Porous MOFs*” (poster), 1st Scientific Day of the School of Science and Technology. Book of Abstracts, pag. P24, 8 June **2011**, Camerino, Italy.
21. Orléans Ngomo, Rodica Dinica, Richard Kanga, Jean B. Tchatchueng, Mirela Praisler, **Aurel Tabacaru**, „*Etude du comportement rhéologique d'une argile camerounaise: Application à la dermo cosmétologie*” (poster), 1er Colloque Franco-Roumain de Chimie Medicinale, COFr-RoCM, October 7-8, **2010**, “Alexandru Ioan Cuza” University of Iasi, Romania. Abs. Book of Abstracts, pag. 57.
22. **Aurel Tabacaru**, Alessandro Marinelli, Claudio Pettinari, Fabio Marchetti, Corrado di Nicola, Norberto Masciocchi, “*Synthesis, Characterization and NH₃ Absorption of a New Coordination Polymer With Copper (II) and 4,4'-bipyrazolyl ligand*” (poster), 1st International Workshop on New Hybrid Metal-Organic Materials, 16-18 Jan. **2009**, Camerino, Italy.
23. Alessandro Marinelli, Claudio Pettinari, Augusto Cingolani, Fabio Marchetti, Adriano Pizzabiocca, Riccardo Pettinari, Corrado Di Nicola, **Aurel Tabacaru**, Norberto Masciocchi, “*Coordination Chemistry of Copper (II) and Cadmium (II) acetate with 4,4'-bipyrazolyl ligand. Construction of Supramolecular Networks*” (poster), 1st International Workshop on New Hybrid Metal-Organic Materials, 16-18 Jan. **2009**, Camerino, Italy.
24. **Aurel Tabacaru**, Alessandro Marinelli, Rodica Dinica, Claudio Pettinari, “*Synthesis, structural and spectroscopic characterization of new coordination polymers based on Cu(II), Cd(II) and 4,4'-bipyrazolyl ligand*” (oral presentation), 6th International Conference “Students for Students”, 10-12 April **2009**, Cluj Napoca, Romania.
25. Alessandro Marinelli, Corrado di Nicola, Claudio Pettinari, Adele Cerquetella, Norberto Masciocchi, **Aurel Tabacaru**, „*Nuovi polimeri di coordinazione contenenti leganti bi-pirazolic*”, Tirrenia (Pisa, Italia) 20-22 September **2009**, XXVIII Congresso Interregionale TUMA 2009, Book of Abstracts, pag. CO31.
26. **Aurel Tabacaru**, Claudio Pettinari, Corrado di Nicola, Rodica Dinica, “*Photoluminescent properties of [Cu(NCS)(py)₂(PPh₃)] coordination compound*” (oral presentation), 1st International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP-1), 28-29 Nov. **2009**, Galati, Romania.
27. Rodica Dinica, Bianca Furdui, Ionel Tabacaru, **Aurel Tabacaru**, “*New N-heterocyclic compounds starting from substituted pyridines*” (oral presentation), 1st International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP-1), 28-29 Nov. **2009**, Galati, Romania.
28. **Aurel Tabacaru**, Claudio Pettinari, Fabio Marchetti, Norberto Masciocchi, “*New Metal-Organic Frameworks Based on Copper(II) and Zinc(II) with 4,4'-bipyrazolyl ligand*” (poster), 1st International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP-1), 28-29 Nov. **2009**, Galati, Romania.
29. **Aurel Tabacaru**, Steluta Gosav, “*ANN system and PCA method for the identification of illicit amphetamines using molecular descriptors database*” (poster), 1st International Symposium on Applied Physics – Materials Science, Environment and Health (ISAP-1), 28-29 Nov. **2009**, Galati, Romania.
30. **Aurel Tabacaru**, Rodica Dinica, Claudio Pettinari, Corrado di Nicola, „*Photoluminescent properties of new coordination compounds with copper(I)*” (poster), The 9th International Conference on Colloids and Surface Chemistry, 28-30 May **2008**, Galati, Romania. ISBN 973-8316-84-7.