



LISTA COMPLETĂ DE LUCRĂRI

Asist. dr. Laura Gabriela SÂRBU

A. Listă lucrări științifice relevante

1. Sarbu, L. G.; Birsa, A.; Hopf, H.; Birsa, M. L., “New Bridges In [2.2]Paracyclophanes: The Interaction Of Chalcogenide Halides With *Pseudo-Geminal* Triple Bonds”, *Phosphorus, Sulfur, and Silicon, and the Related Elements* **2011**, 186 (5), 1246.
2. Sarbu, L. G.; Lungu, N. C.; Forna, N. C.; Birsa, M. L., “Synthesis of 4-(2-hydroxyphenyl)-2-dialkylamino-1,3-dithiolium Salts and Corresponding Mesoionic Derivatives”, *Rev. Chim.*, **2013**, 64 (12), 1404.
3. Sarbu, L. G.; Bîcu, E.; Belei, D., “Synthesis of Mesoionic [2-(10*H*-phenothiazinyl)-1,3-dithiolium]phenolates”, *Rev. Chim.*, **2014**, 65 (2), 249.
4. Sarbu, L. G.; Lungu, C. N.; Asaftei, I. V.; Sandu, I.; Birsa, L. M., “New Evidence for the Mesoionic Character of 2-(1,3-dithiol-2-yl)phenolates”, *Rev. Chim.*, **2014**, 65 (3), 325.
5. Sarbu, L. G.; Bicu, E.; Hopf, H.; Birsa, M. L., “[2.2]Paracyclophane Substituted Indolizines”, *Rev. Chim.*, **2014**, 65 (4), 398.
6. Bahrin, L. G.; Asaftei, I. V.; Sandu, I.; Sarbu, L. G., “Synthesis of (4-Methylpiperazin-1-yl)carbodithioates and of their 1,3-Dithiolium Derivatives”, *Rev. Chim.*, **2014**, 65 (9), 1046.
7. Sarbu, L. G.; Apostu, M. O.; Sandu, I.; Bahrin, L. G.; Manea, L. R., “1,3-Dithiol-2-yl Compounds Derived from Substituted Butyrophenone”, *Rev. Chim.*, **2014**, 65 (11), 1327.
8. Sarbu, L. G.; Hopf, H.; Jones, P. G.; Birsa, M. L., “Selenium halide-induced bridge formation in [2.2]paracyclophanes”, *Beilstein J. Org. Chem.*, **2014**, 10, 2550.
9. Sarbu, L. G.; Hopf, H.; Grunenberg, J.; Birsa, M. L., “Reduction of Pseudo-geminal Bis(ethynyl)-Substituted [2.2]Paracyclophanes”, *Synlett*, **2015**, 26, 87.
10. Sarbu, L. G.; Sandu, I.; Bahrin, L. G.; Balan, A.; Apostu, M. O., “New Bromo Substituted 1,3-Dithiol-2-yl Salts”, *Rev. Chim.*, **2015**, 66 (1), 55.

B. Teza de doctorat

Teza de doctorat, cu titlul “Noi derivați de [2.2]paraciclofani”, Universitatea „Al. I. Cuza” Iași, conducător științific Prof. dr. univ. Elena Bîcu.

**C. Articole publicate *in extenso* în reviste din circuit științific internațional**

1. **Sarbu, L. G.**; Birsa, A.; Ignat, L.; Hopf, H.; Birsa, M. L., “[2.2]Paracyclophanes: The Interaction of *Pseudo-Geminal* Bisacetylene with Water and Electrophiles”, *Acta Chem. Iasi*, **2010**, *18*, 69.
2. **Sarbu, L. G.**; Birsa, A.; Hopf, H.; Birsa, M. L., “Heteroatom Bridged[2.2]Paracyclophanes As Eneidyne Analogs”, *Acta Chem. Iasi*, **2010**, *18*, 186.
3. **Sarbu, L. G.**; Birsa, M. L., “Synthesis of Iodine Containing Mesoionic 2-(1,3-Dithiolium)phenolates”, *Acta Chem. Iasi*, **2011**, *19* (2), 125.
4. **Sarbu, L. G.**; Birsa, A.; Hopf, H.; Birsa, M. L., “New Bridges In [2.2]Paracyclophanes: The Interaction Of Chalcogenide Halides With *Pseudo-Geminal* Triple Bonds”, *Phosphorus, Sulfur, and Silicon, and the Related Elements* **2011**, *186* (5), 1246.
5. **Sarbu, L. G.**; Hrib, C. G.; Birsa, M. L., “rac-1-(5-Bromo-2-hydroxyphenyl)-1-oxopropan-2-yl morpholine-4-carbodithioate”, *Acta Cryst.*, **2013**, *E69*, o1169.
6. **Sarbu, L. G.**; Bahrin, L. G., “3-Methylpiperidinyl Carbodithioates as Building Blocks for 1,3-Dithiolium Derivatives”, *Acta Chem. Iasi*, **2013**, *21*, 47.
7. **Sarbu, L. G.**; Lungu, N. C.; Forna, N. C.; Birsa, M. L., “Synthesis of 4-(2-hydroxyphenyl)-2-dialkylamino-1,3-dithiolium Salts and Corresponding Mesoionic Derivatives”, *Rev. Chim.*, **2013**, *64* (12), 1404.
8. **Sarbu, L. G.**; Bîcu, E.; Belei, D., “Synthesis of Mesoionic [2-(10*H*-phenothiazinyl)-1,3-dithiolium]phenolates”, *Rev. Chim.*, **2014**, *65* (2), 249.
9. **Sarbu, L. G.**; Lungu, C. N.; Asaftei, I. V.; Sandu, I.; Birsa, L. M., “New Evidence for the Mesoionic Character of 2-(1,3-dithiol-2-ylum)phenolates”, *Rev. Chim.*, **2014**, *65* (3), 325.
10. **Sarbu, L. G.**; Bicu, E.; Hopf, H.; Birsa, M. L., “[2.2]Paracyclophane Substituted Indolizines”, *Rev. Chim.*, **2014**, *65* (4), 398.
11. Bahrin, L. G.; Asaftei, I. V.; Sandu, I.; **Sarbu, L. G.**, “Synthesis of (4-Methylpiperazin-1-yl)carbodithioates and of their 1,3-Dithiolium Derivatives”, *Rev. Chim.*, **2014**, *65* (9), 1046.
12. **Sarbu, L. G.**; Lungu, N. C.; Balan, A.; Bahrin, L. G., “Synthesis of Sulfur Containing Piperazine Derivatives with Potential Biological Activities”, *Rev. Chim.*, **2014**, *65* (10), 1135.
13. **Sarbu, L. G.**; Apostu, M. O.; Sandu, I.; Bahrin, L. G.; Manea, L. R., “1,3-Dithiol-2-ylum Compounds Derived from Substituted Butyrophenone”, *Rev. Chim.*, **2014**, *65* (11), 1327.



14. Sarbu, L. G.; Hopf, H.; Jones, P. G.; Birsa, M. L., “Selenium halide-induced bridge formation in [2.2]paracyclophanes”, *Beilstein J. Org. Chem.*, **2014**, 10, 2550.
15. Sarbu, L. G.; Hopf, H.; Grunenberg, J.; Birsa, M. L. “Reduction of Pseudo-geminal Bis(ethynyl)-Substituted [2.2]Paracyclophanes”, *Synlett*, **2015**, 26, 87.
16. Sarbu, L. G.; Sandu, I.; Bahrin, L. G.; Balan, A.; Apostu, M. O., “New Bromo Substituted 1,3-Dithiol-2-ylum Salts”, *Rev. Chim.*, **2015**, 66 (1), 55.
17. Asaftei, I. V.; Chirita, P.; Birsa, M. L.; **Sarbu, L. G.**, “Synthesis of 1,3-Dithiol-2-ylum Salts by Functionalization of Some Toluenols”, *Rev. Chim.*, **2015**, 66, 000.
18. Chirita, P.; Hrib, C. G.; Lungu, N. C.; **Sarbu, L. G.**, “A New Class of 4-(Hydroxyaryl)-1,3-Dithiolium Chlorides”, *Rev. Chim.*, **2015**, 66, 000.
19. Hrib, C. G.; Chirita, P.; Asaftei, I. V.; **Sarbu, L. G.**, “The Synthesis and X-Ray Structural Characterization of New 4-(5-Bromo-2-hydroxyphenyl)-1,3-Dithiol-2-ylum Perchlorates”, *Rev. Chim.*, **2015**, 66, 000.
20. Lungu, N. C.; Chirita, P.; Birsa, M. L.; **Sarbu, L. G.**, “Synthesis of Novel 4-(3,5-Dibromo-2-hydroxyphenyl)-5-Methyl-1,3-Dithiol-2-ylidene Derivatives”, *Rev. Chim.*, **2015**, 66, 000.
21. Matei, M.; Chirita, P.; **Sarbu, L. G.**, Birsa, M. L., “New 4-(4-Hydroxyaryl)-5-Methyl-1,3-Dithiol-2-ylidene Derivatives”, *Rev. Chim.*, **2015**, 66, 000.
22. Chirita, P.; Asaftei, I. V.; **Sarbu, L. G.**, “Mesoionic 4-(2-Dialkylamino-1,3-dithiol-2-ylum-4-yl)phenolates”, *Rev. Chim.*, **2015**, 66, 000.

C. Contracte de cercetare

Membru contracte de cercetare naționale:

1. Contract PN II – IDEI cod 2095 / 2008
2. Contract PN II – PARTENERIATE nr 51 / 2012