

PERSONAL INFORMATION

Laura Gabriela SÂRBU

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WORK EXPERIENCE

September 2026-Present Day

Professor, Ph.D. Habil.

Faculty of Chemistry, "Al. I. Cuza" University of Iasi, no. 11 "Carol I" Blvd., Iasi, Romania.

February 2020-September 2026

Associate Professor, Ph.D.

Faculty of Chemistry, "Al. I. Cuza" University of Iasi, no. 11 "Carol I" Blvd., Iasi, Romania.

October 2015-February 2020

Lecturer, Ph.D.

Faculty of Chemistry, "Al. I. Cuza" University of Iasi, no. 11 "Carol I" Blvd., Iasi, Romania.

October 2009-September 2015

Assistant

Faculty of Chemistry, "Al. I. Cuza" University of Iasi, no. 11 "Carol I" Blvd., Iasi, Romania.

EDUCATION AND TRAINING

June18.2019 - June 25.2019

Staff mobility for Teaching

Technical University Braunschweig, Institute for Organic Chemistry, Germany
The chemistry of hybrid systems flavonoids-cyclophanes

June 01.2018 - June08.2018

Staff mobility for Teaching

Technical University Braunschweig, Institute for Organic Chemistry, Germany
▪ The chemistry of cyclophanes-flavonoids hybrid systems

July 28.2015 - August 07.2015

Staff mobility for Teaching

Technical University Braunschweig, Institute for Organic Chemistry, Germany
▪ The chemistry of [2.2]paracyclophane

October 2011 - September 2014

Ph.D. thesis entitled "New [2.2]paracyclophane derivatives"

Faculty of Chemistry, "Al. I. Cuza" University of Iasi, Romania

Scientific coordinator Prof. dr. Elena Bîcu

April 2013 - August 2013

Study mobility

Technical University Braunschweig, Institute for Organic Chemistry, Germany

▪ Chemistry of [2.2]paracyclophane

June 2012 - September 2012

Practice mobility

Technical University Braunschweig, Institute for Organic Chemistry, Germany

▪ Chemistry of [2.2]paracyclophane

October 2007 - June 2009

Master's Degree

Faculty of Chemistry, "Al. I. Cuza" University of Iasi, Romania

Specialization Chemistry and biochemistry of heterocyclic compounds

October 2003 - June 2007

Bachelor's Degree

Faculty of Chemistry, "Al. I. Cuza" University of Iasi, Romania

▪ Organic chemistry

RESEARCH PROJECTS

(03.12.2015 – 30.11.2016)

Young Researchers Grant, *Tetrathiafulvalene-[2.2]paracyclophane hybrid systems*

GI-04-2015

Budget: 20.000 lei

Project Leader

(01.06.2018 – 30.04.2020)

Postdoctoral research project, *The synthesis of new hybrid [2.2]paracyclophane-flavonoids systems with potential antimicrobial activity*

PN-III-P1-1.1-PD-2016-0962

Budget: 250.000 lei

Project Leader

(2025-2026)

Tricyclic 1,3-dithiolium flavonoids with antimicrobial properties

PN-IV-P7-7.1-PED-2024-1393, nr. 27PED/2025

Team member

(2019-2020)

New synthetic flavonoids with antimicrobial applications

PN-III-P3-3.1-PM-RO-FR-2019-0102

Team member

(03.01.2017-02.07.2018)

1,3-Dithiolium flavonoids with antimicrobial activities

PN-III-P2-2.1-PED-2016-1817, nr. 152/PED

Team member

(2012-2016)

The study of the effect of organic complexing agents of Fe(III) or Fe(II) on iron monosulfide oxidative dissolution

PN-II-PT-PCCA-2011-3.1-0683, nr. 51/2012

Team member

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					
German	A1	A1	A1	A1	A1
Replace with name of language certificate. Enter level if known.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ good communication skills gained through my experience as a teacher

Organisational / managerial skills Replace with your organisational / managerial skills. Specify in what context they were acquired.
 Example:
 ▪ sociable person
 ▪ leadership, coordinator of work laboratory
 ▪ capable of working as a team member

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificates

- good command of office suite (word processor, spread sheet, presentation software)
- good command of ChemDraw programme and MestRec programme used for editing chemical structures and reactions, interpretation of NMR data respectively

Publications: 60 scientific papers

Hirsh index: 18 (WOS)

Total number of citations (without self-citation): 560 (WOS)

List of publications and scientific contributions

I. Articles

1. **Sarbu, L.G.**; Dumitru, A.A.; Savu, M.; Sandu, I.A.; Bahrin, L.G.; Stefan, M.; Birsa, M.L. The Antimicrobial and Cytotoxicity Properties of New Dibrominated 1,3-Dithiolium Flavonoids. *Pharmaceuticals* **2026**, *19*, 259. <https://doi.org/10.3390/ph19020259>
2. Moldovan, C.V.; Mantea, L.E.; Savu, M.; **Sarbu, L.G.**; Birsa, M.L.; Stefan, M. Novel tricyclic flavonoids as promising antimicrobial agents. *FEBS OPEN BIO* **2025**, *15*, 415-416. <https://doi.org/10.1002%2F2211-5463.70071>
3. Birsa, M.L.; **Sarbu, L.G.*** Iodine-Substituted Dithiocarbamic Flavanones—A Structure–Activity Relationship Study of Their Antioxidant Properties. *Molecules* **2025**, *30*, 2280. <https://doi.org/10.3390/molecules30112280>
4. **Sarbu, L.G.***; Rosca, I.; Birsa, M.L. Antibacterial and Antifungal Properties of New Synthetic Tricyclic Flavonoids. *Antibiotics* **2025**, *14*, 307. <https://doi.org/10.3390/antibiotics14030307>
5. Birsa, M.L.; **Sarbu, L.G.*** Novel Dithiocarbamic Flavanones with Antioxidant Properties—A Structure–Activity Relationship Study. *Int. J. Mol. Sci.* **2024**, *25*, 13698. <https://doi.org/10.3390/ijms252413698>
6. Moldovan, C.-V.; Mantea, L.-E.; Savu, M.; Jones, P.G.; **Sarbu, L.G.**; Stefan, M.; Birsa, M.L. Novel Tricyclic Flavonoids as Promising Anti-MRSA Agents. *Pharmaceuticals* **2024**, *17*, 1276. <https://doi.org/10.3390/ph17101276>
7. Birsa, M.L.; **Sarbu, L.G.** A Structure–Activity Relationship Study on the Antioxidant Properties of Dithiocarbamic Flavanones. *Antioxidants* **2024**, *13*, 963. <https://doi.org/10.3390/antiox13080963>
8. Mantea, L.-E.; Moldovan, C.-V.; Savu, M.; **Sarbu, L.G.**; Stefan, M.; Birsa, M.L. An Eco-Friendly Method to Synthesize Potent Antimicrobial Tricyclic Flavonoids. *Antibiotics* **2024**, *13*, 798. <https://doi.org/10.3390/antibiotics13090798>
9. **Sarbu, L.G.**, Synthesis of 1,3-Dithiolium Salts Containing *N*-Methylpiperazine, *Acta Chem. Iasi*, **2023**, *31* (2), 119-128. DOI: 10.47743/achi-2023-2-0008. https://www.chem.uaic.ro/ro/acta-chemica/aci_vol_31_2_2023.html
10. Birsa, M.L.; **Sarbu, L.G.*** Health Benefits of Key Constituents in *Cichorium intybus* L. *Nutrients* **2023**, *15*, 1322. <https://doi.org/10.3390/nu15061322>
11. Birsa, M.L.; Hopf, H.; Jones, P.G.; **Sarbu, L.G.***; Bahrin, L.G. [2.2]Paracyclophane Derivatives as Building Blocks for Coordination Polymers. *Materials* **2023**, *16*, 4051. <https://doi.org/10.3390/ma16114051>
12. Birsa, M.L.; **Sarbu, L.G.*** Hydroxy Chalcones and Analogs with Chemopreventive Properties. *Int. J. Mol. Sci.* **2023**, *24*, 10667. <https://doi.org/10.3390/ijms241310667>
13. Birsa, M.L.; **Sarbu, L.G.** An Improved Synthetic Method for Sensitive Iodine Containing Tricyclic Flavonoids. *Molecules* **2022**, *27*, 8430. <https://doi.org/10.3390/molecules27238430>
14. Moldovan, C.-V.; Savu, M.; Dussert, E.; Aboubacar, H.; **Sarbu, L.G.**; Matiut, S.; Cudennec, B.; Krier, F.; Ravallec, R.; Birsa, L.M.; et al. Synthetic Flavonoid BrCl-Flav—An Alternative Solution to Combat ESKAPE Pathogens. *Antibiotics* **2022**, *11*, 1389. <https://doi.org/10.3390/antibiotics11101389>
15. Babii, C.; Savu, M.; Motrescu, I.; Birsa, L.M.; **Sarbu, L.G.**; Stefan, M. The Antibacterial Synthetic Flavonoid BrCl-Flav Exhibits Important Anti-*Candida* Activity by Damaging Cell Membrane Integrity. *Pharmaceuticals* **2021**, *14*, 1130. <https://doi.org/10.3390/ph14111130>
16. Bahrin, L.G.; Nicolescu, A.; Shova, S.; Marangoci, N.L.; Birsa, L.M.; **Sarbu, L.G.*** Nitrogen-Based Linkers with a Mesitylene Core: Synthesis and Characterization. *Molecules* **2021**, *26*, 5952. <https://doi.org/10.3390/molecules26195952>

17. Bahrin, L.G.; Hopf, H.; Jones, P.G.; Birsa, M.L.; **Sarbu, L.G.*** An Approach to Paracyclophane-Based Tetrathiafulvalenes: Synthesis and Characterization of a *Pseudo-Geminal* [2.2]Paracyclophane 1,3-Dithia-2-Thione. *Molecules* **2020**, *25*, 5262. <https://doi.org/10.3390/molecules25225262>
18. Chiriță, P.; Duinea, M.I.; **Sarbu, L.G.**; Birsa, L.M.; Baibarac, M.; Sava, F.; Matei, E. Oxidation of chalcopryrite in air-equilibrated acidic solution: Inhibition with phenacyl derivatives. *Trans. Nonferrous Met. Soc. China* **2020**, *30*, 1928-1942. [https://doi.org/10.1016/S1003-6326\(20\)65351-1](https://doi.org/10.1016/S1003-6326(20)65351-1).
19. **Sarbu, L.G.**, Hopf, H., Jones, P.G., Bahrin, L.G., Birsa, L.M., Methylamine-induced ring opening of 1,3-dithiolium cations. *Arkivoc* **2019**, 174-179. <https://doi.org/10.24820/ark.5550190.p011.064>
20. **Sarbu, L.G.**, Bahrin, L.G., Hopf, H., Birsa, L.M., *Studia Chem.* **2019**, *64* (3), 7-16. doi: 10.24193/subbchem.2019.3.01. http://www.chem.ubbcluj.ro/~studiachemia/issues/chemia2019_3/01Sarbu_etal_7_16.pdf
21. Duinea, M.I., Carac, G., Dabuleanu, I.D., Petcu, M.A., **Sarbu, L.G.**, Birsa, M.L., Reiss, A., Chirita, P., Troilite (FeS) Oxidation in the Presence of a Newly Synthesized TRIS-based Base. *Rev. Chim. (Bucharest)* **2019**, *70* (7), 2639-2642.
22. **Sarbu, L.G.**; Shova, S.; Peptanariu, D.; Sandu, I.A.; Birsa, L.M.; Bahrin, L.G. The Cytotoxic Properties of Some Tricyclic 1,3-Dithiolium Flavonoids. *Molecules* **2019**, *24*, 2459. <https://doi.org/10.3390/molecules24132459>
23. **Sarbu, L.G.**, Bahrin, L.G., Babii, C., Stefan, M., Birsa, M.L. Synthetic flavonoids with antimicrobial activity: a review. *J. App. Microbiol.* **2019**, *127*, 1282-1290. <https://doi.org/10.1111/jam.14271>
24. **Sarbu, L.G.**, Lungu, N.C., Sandu, I., Chirita, P., Bahrin, L.G. Synthesis of 2-Pyrrolydiny-1,3-Dithiolium Derivatives from Propiophenones. *Rev. Chim. (Bucharest)* **2019**, *70* (4), 1311-1314.
25. **Sarbu, L.G.**, Lungu, N.C., Sandu, I. 2-Alkylimino-4-(2-Hydroxyaryl)-1,3-Dithiols Derivatives. *Rev. Chim. (Bucharest)* **2019**, *70* (3), 745-748.
26. Lungu, C.N., Sandu, I., **Sarbu, L.G.*** 5-Methyl-4-(5-Bromo-2-hydroxyphenyl)-1,3-Dithiolium Derivatives. *Rev. Chim. (Bucharest)* **2018**, *69* (12), 3549-3552.
27. Chirita, P., Duinea, M.I., Sandu, A.M., Birsa, L.M., **Sarbu, L.G.**, Baibarac, M., Sava, F., Popescu, M., Matei, E., Inhibitory effect of three phenacyl derivatives on the oxidation of sphalerite (ZnS) in air-equilibrated acidic solution. *Corrosion Science* **2018**, *138*, 154-162. <https://doi.org/10.1016/j.corsci.2018.04.017>
28. Meziere, C., Allain, M., Oliveras-Gonzalez, C., Cauchy, T., Vanthuyne, N., **Sarbu, L.G.**, Birsa, L.M., Pop, F., Avarvari, N. Tetrathiafulvalene-[2.2]paracyclophanes: Synthesis, crystal structures, and chiroptical properties. *Chirality* **2018**, *30* (5), 568-575. <https://doi.org/10.1002/chir.22831>
29. Babii, C., Mihalache, G., Bahrin, L.G., Neagu, A.N., Gostin, I., Mihai, C.T., **Sarbu, L.G.**, Birsa, L.M., Stefan, M. A novel synthetic flavonoid with potent antibacterial properties: In vitro activity and proposed mode of action. *PLoS One* **2018**, *13* (4), 1-15. <https://doi.org/10.1371/journal.pone.0194898>
30. Bahrin, L.G., **Sarbu, L.G.**, Jones, P.G., Birsa, L.M., Hopf, H. [2.2]Paracyclophane-Bis(triazole) Systems: Synthesis and Photochemical Behavior. *Chem. Eur. J.* **2017**, *23* (50), 12338-12345. <https://doi.org/10.1002/chem.201701593>
31. Gorodea, I.A., Sandu, I., **Sarbu, L.G.** Novel 4-(3-Bromo-2-hydroxy-5-methylphenyl)-1,3-Dithiol-2-ylidene Derivatives. *Rev. Chim. (Bucharest)* **2017**, *68* (9), 1988-1991.
32. Chirita, P., Asaftei, I.V., Sandu, I., **Sarbu, L.G.**, Lupu, V.V. Mesoionic 4-(2-Dialkylamino-1,3-dithiol-2-ylidene-4-yl)phenolates. *Rev. Chim. (Bucharest)* **2017**, *68* (1), 147-150.

33. Asaftei, I.V., Lungu, N.C., Birsă, L.M., Sandu, I.G., **Sarbu, L.G.**, Ignat, M. Performance of Ag-HZSM-5 Zeolite Catalysts in n-heptane Conversion. *Rev. Chim. (Bucharest)* **2017**, 68 (1), 116-120.
34. Matei, M., Sandu, I., Birsă, M.L., **Sarbu, L.G.**, Simion, L. New 4-(4-Hydroxyaryl)-5-Methyl-1,3-Dithiol-2-ylidene Derivatives. *Rev. Chim. (Bucharest)* **2017**, 68 (1), 81-84.
35. Asaftei, I.V., Lungu, N.C., Birsă, M.L., **Sarbu, L.G.**, Ignat, M., Sandu, I.G. Conversion of Light Hydrocarbons from Petroleum Refining Processes Over Zn-HZSM-5 (Nitrate) and Zn-HZSM-5 (Acetate) Catalyst A comparative study. *Rev. Chim. (Bucharest)* **2016**, 67 (8), 1523-1528.
36. Pavel, S., Hopf, H., Jones, P.G., Asaftei, I.V., **Sarbu, L.G.**, Birsă, L.M. Click reactions with *pseudo-geminal* bis(azido-methylene)[2.2]paracyclophane. *Monatsh. Chem.* **2016**, 147 (12), 2179-2183. <http://dx.doi.org/10.1007/s00706-016-1842-3>
37. Toader, E., Bahrin, L.G., Jones, P.G., Hopf, H., **Sarbu, L.G.**, Stoleriu, G. Synthesis of New Morpholine Containing Flavonoids with Potential Biological Applications. *Rev. Chim. (Bucharest)* **2016**, 67 (8), 1520-1522.
38. Bahrin, L.G., **Sarbu, L.G.**, Hopf, H., Jones, P.G., Babii, C., Stefan, M., Birsă, M.L. The influence of halogen substituents on the biological properties of sulfur-containing flavonoids. *Bioorg. Med. Chem.* **2016**, 24 (14), 3166-3173. <http://dx.doi.org/10.1016/j.bmc.2016.05.044>
39. Bahrin, L.G., Hopf, H., Jones, P.G., **Sarbu, L.G.**, Babii, C., Mihai, A.C., Stefan, M., Birsă, M.L. Antibacterial structure-activity relationship studies of several tricyclic sulfur-containing flavonoids *Beilstein J. Org. Chem.* **2016**, 12, 1065-1071. <https://doi.org/10.3762/bjoc.12.100>
40. Asaftei, I.V., Sandu, I.G., Lungu, N.C., Birsă, M.L., **Sarbu, L.G.**, Ignat, M. Conversion of Butane-Butylene Mixtures over B(Al)-HZSM-5 Catalyst Prepared by Impregnation and over ZnO/HZSM-5 co-Catalyst Prepared by Mechanical Mixing. *Rev. Chim. (Bucharest)* **2016**, 67 (5), 847-853.
41. Dirtu, D.; Lungu, N.C.; Chirita, P.; Sandu, I.G.; Birsă, M.L.; Earar, K.; **Sarbu, L.G.*** Synthesis of Novel 4-(3,5-Dibromo-2-hydroxyphenyl)-5-Methyl-1,3-Dithiol-2-ylidene Derivatives *Rev. Chim. (Bucharest)* **2016**, 67 (3), 534-537.
42. **Sarbu, L.G.**; Bahrin, L.G.; Jones, P.G.; Birsă, M.L.; Hopf, H. [2.2]Paracyclophane derivatives containing tetrathiafulvalene moieties. *Beilstein J. Org. Chem.* **2015**, 11, 1917-1921. <https://doi.org/10.3762/bjoc.11.207>
43. **Sarbu, L.G.**; Hopf, H.; Grunenberg, J.; Birsă, M.L. Reduction of Pseudo-geminal Bis(ethynyl)-Substituted [2.2]Paracyclophanes. *Synlett* **2015**, 26, 87-90. doi: 10.1055/s-0034-1378935. <http://www.thieme-connect.de/products/ejournals/abstract/10.1055/s-0034-1378935>
44. Dirtu, D.; Asaftei, I.V.; Chirita, P.; Sandu, I.G.; Birsă, M.L.; Earar, K.; **Sarbu, L.G.*** Synthesis of 1,3-Dithiol-2-ylum Salts by Functionalization of Some Toluene Derivatives. *Rev. Chim. (Bucharest)* **2015**, 66 (12), 2028-2030.
45. Chirita, P.; Hrib, C.G.; Sandu, I.; Lungu, N.C.; **Sarbu, L.G.***; Earar, K. A New Class of 4-(Hydroxyaryl)-1,3-Dithiolium Chlorides; *Rev. Chim. (Bucharest)* **2015**, 66 (8), 1151-1154.
46. Hrib, C.G.; Chirita, P.; Sandu, I.G.; Asaftei, I.V.; **Sarbu, L.G.***; Earar, K. The Synthesis and X-Ray Structural Characterization of New 4-(5-Bromo-2-hydroxyphenyl)-1,3-Dithiol-2-ylum Perchlorates. *Rev. Chim. (Bucharest)* **2015**, 66 (7), 983-986.
47. **Sarbu, L.G.**; Sandu, I.; Bahrin, L.G.; Balan, A.; Apostu, M.O. New Bromo Substituted 1,3-Dithiol-2-ylum Salts. *Rev. Chim. (Bucharest)* **2015**, 66 (1), 55-59.
48. **Sarbu, L.G.**; Hopf, H.; Jones, P.G.; Birsă, M.L. Selenium halide-induced bridge formation in [2.2]paracyclophanes. *Beilstein J. Org. Chem.* **2014**, 10, 2550-2555. <http://dx.doi.org/10.3762/bjoc.10.266>
49. **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. (Bucharest)* **2014**, 65 (11), 1327-1331.

50. Sarbu, L.G.; Lungu, C.N.; Balan, A.; Bahrin, L.G. Synthesis of Sulfur Containing Piperazine Derivatives with Potential Biological Activities. *Rev. Chim. (Bucharest)* **2014**, 65 (10), 1135-1137.
51. 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. (Bucharest)* **2014**, 65 (9), 1046-1048.
52. Sarbu, L.G.; Bicu, E.; Hopf, H.; Birsa, M.L. [2.2]Paracyclophane Substituted Indolizines. *Rev. Chim. (Bucharest)* **2014**, 65 (4), 398-400.
53. 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. (Bucharest)* **2014**, 65 (3), 325-327.
54. Sarbu, L.G.; Bîcu, E.; Belei, D. Synthesis of Mesoionic [2-(10*H*-phenothiazinyl)-1,3-dithiolium]phenolates. *Rev. Chim. (Bucharest)* **2014**, 65 (2), 249-252.
55. 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. (Bucharest)* **2013**, 64 (12), 1404-1407.
56. Sarbu, L.G.; Bahrin, L.G. 3-Methylpiperidiny Carbodithioates as Building Blocks for 1,3-Dithiolium Derivatives. *Acta Chem. Iasi* **2013**, 21, 47-56. doi:10.2478/achi-2013-0005. https://www.chem.uaic.ro/ro/acta-chemica/ac_vol_21_no1_2013.html
57. 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. doi:10.1107/s1600536813017509.
58. 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), 1246-1250. <http://dx.doi.org/10.1080/10426507.2010.524177>
59. Sarbu, L.G.; Birsa, M.L. Synthesis of Iodine Containing Mesoionic 2-(1,3-Dithiolium)phenolates. *Acta Chem. Iasi* **2011**, 19 (2), 125-135.
60. Sarbu, L.G.*; Birsa, A.; Hopf, H.; Birsa, M. L. Heteroatom Bridged [2.2]Paracyclophanes as Eneidyne Analogs. *Acta Chem. Iasi* **2010**, 18, 186-187.
61. 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, 71-78.

II. Books

1. Sarbu, L. G., Birsa, M. L., *Introducere în chimia organică*, Ed. Stef, Iași, 2016, 263 pag, ISBN 978-606-575-647-2
2. Sarbu, L. G., Birsa, M. L., *Metode de investigare a mecanismelor de reacție*, Ed. Stef, Iași, 2021, 324 pag, ISBN 978-606-028-707-0
3. Sarbu, L. G., Birsa, M. L., *Medicamente de sinteză*, Ed. Stef, Iași, 2021, 245 pag, ISBN 978-606-028-708-7
4. Sarbu, L. G., *Prođu organic bioactivi*, Ed. Stef, Iași, 2021, 177 pag, ISBN 978-606-028-709-4

Date,
02.10.2026

Laura Gabriela SÂRBU