



Alina Marieta SIMION

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Biography

Date	Role
2013-	Associate Professor, Department of Organic Chemistry "Costin Nenițescu", Politehnica University of Bucharest
2007-2009	Post-doc, Hiroshima Prefectural University, Shobara, Hiroshima- ken, Japan
2002-2012	Lecturer, Department of Organic Chemistry, Politehnica University of Bucharest
2001-2002	Teaching Assistant, Department of Organic Chemistry, Politehnica University of Bucharest
1999-2001	Post-doc, Tohwa Institute of Advanced Materials, Tohwa University, Fukuoka, Japan
1997-1999	Teaching Assistant, Department of Organic Chemistry, Politehnica University of Bucharest
1992-1996	Researcher, Department of Organic Chemistry, Politehnica University of Bucharest
1995-1999	Ph.D. in Organic Chemistry, Politehnica University of Bucharest, Thesis Title: " <i>Hidrocarburi policiclice si derivati ai acestora</i> ", Thesis Supervisor: Prof.dr.ing. Mircea D. Banciu, member of the Romanian Academy
1987-1992	Chem.Eng., Organic chemistry, Faculty of Industrial Chemistry, Polytechnic Institute of Bucharest

Research

Research Interests

- Hydrodehalogenation processes;
- Organic reaction in aqueous media;
- Mechanochemical processes;
- Organic reaction mechanisms;
- Pyrolysis processes;
- Food chemistry

Selected Research Projects

- *Organic reactions in aqueous media, synthesis of oxime ligands, CNCSIS, Romania;*
- *Pyrolysis of hydrocarbons, CNCSIS, Romania;*
- *Pyrolysis of tetrazoles, CNCSIS, Romania;*
- *Hydrodechlorination processes with metallic Calcium, NEDO, Japan;*



- *Mechanochemical processes, NEDO, Japan;*

Academic interests

Teaching activity

Studies	Program Name/Faculty	Code	Title	Activity type
Bachelor	Food Chemistry and Biochemical Technologies / Applied Chemistry and Material Sciences		Biochemistry	Course
	Organic Substances Chemistry & Engineering, Petrochemical & Carbochemistry / Applied Chemistry and Material Sciences		Biochemistry	Course
	Food Chemistry and Biochemical Technologies / Applied Chemistry and Material Sciences		Toxicology of food products	Course
	Science & Engineering of Oxide Materials and Nanomaterials, Organic Substances Chemistry & Engineering, Petrochemical & Carbochemistry, Polymers Science & Engineering, Food Chemistry & Biochemical Technologies, Computer Engineering & Process Chemistry & Biochemistry		Organic chemistry	Course Laboratory
Master	Pharmaceutical and Cosmetic Products		Toxicology of pharmaceutical and cosmetic products	Course

Other Teaching

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Honours and Awards

Invited Lectures and Presentations

Cristian Simion, **Alina Marieta Simion**, Mitsunori Kakeda, Naoyoshi Egashira, Yoshiharu Mitoma, "Dehalogenation of halogenated compounds using metallic calcium (16). Mechanistic study of the dechlorination process of substituted chlorobenzenes using a metallic calcium catalyst method", *89th National Spring Meeting of the Chemical Society of Japan*, Tokyo, Funabashi University, **27-29.03.2009**

Cristian Simion, **Alina Marieta Simion**, Takashi Arimura, Akira Miyazawa, Masashi Tashiro, "Elimination of water in aqueous media: the reaction of amines with aldehydes", *88th National Spring Meeting of the Chemical Society of Japan*, Tokyo, Rikkyo University, **26-30.03.2008**

Cristian Simion, **Alina Simion**, Yoshiharu Mitoma, Satoko Nagashima, Masashi Tashiro, "Inter- and intramolecular condensation reactions with formation of C=N bonds, in aqueous media", *2000 International Symposium on Organic Reactions*, Kobe, Japonia, **27-31.03.2001**,

Cristian Simion, **Alina Simion**, Yoshiharu Mitoma, Satoko Nagashima, Yukiko Nakahara, Tadashige Kanda, Tomoko Yamada, Masashi Tashiro, "The chemical structure of some [2,x]heterocyclophanes", *15th Symposium of Cyclophanes Chemistry*, Hita, Japonia, **17.11.2000**



Cristian Simion, **Alina Simion**, Yoshiharu Mitoma, Satoko Nagashima, Yukiko Nakahara, Tadashige Kanda, Tomoko Yamada, Masashi Tashiro, "Simple and convenient synthesis of aldimines in aqueous solution", *12th Japan-Korea joint seminar for Young Organic Chemists*, Oita, Japonia, **18.11.2000**

Cristian Simion, **Alina Simion**, Yoshiharu Mitoma, Satoko Nagashima, Masashi Tashiro, "Synthesis of new dihydroxy-dioxygenated *ortho*-[2,x]-cyclophanes", *27th Organic Chemistry Seminar in Kuju*, Kuju, Japonia, **04-07.08.2000**, p. 46

Alina Simion, Cristian Simion, Yoshiharu Mitoma, Satoko Nagashima, Zhongyang Li, Masashi Tashiro, "Simple and convenient synthesis of imines in aqueous media", *27th Organic Chemistry Seminar in Kuju*, Kuju, Japonia, **04-07.08.2000**,

Awards

- CNCSIS awards

Membership of Professional Bodies

From 1997: Member of the Romanian Chemical Society

From 2014: Member of the American Chemical Society

Other Significant Activities

Reviewer for: Environ.Progress Sust.Energ., J.Mater.Cycles Waste Manag., Lett.Org.Chem., Curr.Org.Chem., Asian J.Plant.Sci., C.R. Chimie, Rev. Roum. Chim., Bull.Sci.UPB etc.

Member of the Jury for the "C.D. Nenițescu" Chemistry National Contest for Students, Section of Organic Chemistry

Member of the Jury – Students' Scientific Communication Contest

Member of the Jury – FCASM Admission Committee

Member of the Jury – Chemistry Contest for College students „Chemistry – An Art among Sciences”

Further Information

Publications

Ph.D. Thesis

"*Hidrocarburi policiclice si derivati ai acestora*" – scientific director: **Prof.dr.ing. Mircea D. Banciu**, member of the Romanian Academy

Journal Articles – selected papers

1. Cristian Simion, Yoshiharu Mitoma, Yumi Katayama, **Alina Marieta Simion**, "Reduction of α,β -unsaturated carbonyl compounds and 1, 3-diketones in aqueous media, using a Raney Ni-Al alloy", *Revue Roumaine de Chimie*, **2020**, 65(1), 51-55. WOS:000548815700005
2. Adina Mirela Anton, Carla-Cezarina Pădurețu, Cosmina Andreea Marin, **Alina-Marieta Simion**, Cristian Simion, Francois Kajzar, Ileana Rău, "Photoresponsive natural materials", *Molecular Crystals and Liquid Crystals*, **2019**, 695(1), 37-44 WOS:000532585800005
3. Adina-Mirela Anton, Ileana Rau, Francois Kajzar, **Alina-Marieta Simion**, Cristian Simion, "Third order nonlinear optical properties of DNA-based biopolymers thin films doped with selected natural chromophores", *Optical Materials*, **2019**, 88, 181-186. WOS:000461001600026
4. Yumi Katayama, **Alina M. Simion**, Yoshiharu Mitoma, Daiki Yokoyama, Mitsuru Aoyagi, Hiroyuki Harada, Cristian Simion, "Reductive approach in the degradation of phenols with zero-valent iron in aqueous media", *Environmental Progress and Sustainable Energy*, **2019**, 38(2), 483-488. WOS:000462079900020



5. Adina-Mirela Anton, Ileana Rau, Francois Kajzar, **Alina-Marieta Simion**, Cristian Pirvu, Nicoleta Radu, Cristian Simion, "Natural materials with enhanced optical damage threshold", *Optical Materials*, **2018**, *86*, 1-6. WOS:000453499500001
6. Yumi Katayama, Mitsuru Aoyagi, Takuya Matsumoto, Hiroyuki Harada, **Alina M. Simion**, Naoyoshi Egashira, Yoshiharu Mitoma, Cristian Simion, "Hydrodehalogenation of hexachloro- and hexabromobenzene by metallic calcium in ethanol, in the presence of Rh/C catalyst", *Environmental Science and Pollution Research*, **2017**, *24*(1), 591-597. WOS:000392105700056
7. Yoshiharu Mitoma, Yumi Katayama, **Alina M. Simion**, Hiroyuji Harada, Mitsunori Kakeda, Naoyoahi Egashira, Cristian Simion, Considerations on the mechanism of Ca/ethanol/Pd/C assisted hydrodechlorination of chlorinated aromatic substrates, *Chemosphere*, **2016**, *164*, 92-97 WOS:000385318200012
8. Yoshiharu Mitoma, **Alina M. Simion**, Srinivasa Reddy Mallampati, Hideaki Miyata, Mitsunori Kakeda, Cristian Simion, "Hydrodechlorination of PCDD/PCDF/PCB contaminants by simple grinding of contaminated soils with a nano-size calcium reagent", *Environmental Progress and Sustainable Energy*, **2016**, *35*(1), 34-40; doi: 10.1002/ep.12183 WOS:000368696100004
9. Cristian Simion, Dragoş Gherase, Sergiu Sima, **Alina Marieta Simion**, "Serendipitous synthesis of a cyclic formamidine. Application to the synthesis of polyazamacrocycles", *Comptes Rendus Chimie*, **2015**, *18*(6), 611-613
10. Cristian Simion, Alina Culetu, **Alina Marieta Simion**, "A Study of Aminoacid Esterification with Nonanol", *Letters in Organic Chemistry*, **2013**, *10*(6), 385-388. ISSN: 1570-1786
11. **Alina-Marieta Simion**, Takashi Arimura, Cristian Simion, "Reaction of cinnamaldehyde and derivatives with Raney Ni-Al alloy and Al powder in water. Reduction or oxido-reduction?", *Comptes Rendus Chimie*, **2013**, *16*, 476-481. ISSN: 1631-0748
12. **Alina Marieta Simion**, Hideaki Miyata, Mitsunori Kakeda, Naoyoshi Egashira, Yoshiharu Mitoma, Cristian Simion, "Direct and complete cleansing of transformer oil contaminated by PCBs", *Separation and Purification Technology*, **2013**, *103*, 267-272. ISSN: 1383-5866
13. **Alina M. Simion**, Mitsunori Kakeda, Naoyoshi Egashira, Yoshiharu Mitoma, Cristian Simion, "A direct method for the decontamination of a fly ash amended wet soil, artificially polluted with dioxins", *Central European Journal of Chemistry*, **2012**, *10*(5), 1547-1555. ISSN: 1895-1066
14. **Alina M. Simion**, Iwao Hashimoto, Yoshiharu Mitoma, Naoyoshi Egashira, Cristian Simion, "O-acylation of substituted phenols with various alkanoyl chlorides under phase-transfer catalyst conditions", *Synthetic Communications*, **2012**, *42*(6), 921-931. ISSN: 0039-7911
15. Yoshiharu Mitoma, Hideaki Miyata, Naoyoshi Egashira, **Alina Marieta Simion**, Mitsunori Kakeda, Cristian Simion, "Mechanochemical degradation of chlorinated contaminants in fly ash with a calcium-based degradation reagent", *Chemosphere*, **2011**, *83*, 1326-1330; ISSN: 0045-6535.
16. Simion Cristian, Hashimoto Iwao, Mitoma Yoshiharu, **Simion Alina Marieta**, Egashira Naoyoshi, "Rapid and convenient thioester synthesis under phase-transfer catalysis conditions", *Phosphorus, Sulfur, and Silicon and the Related Elements*, **2010**, *185*(12), 2480-2488; ISSN: 1042-6507
17. Cristian Simion, **Alina M. Simion**, Takashi Arimura, Akira Miyazawa, Masashi Tashiro, "Convenient direct reductive amination of carbonyl compounds in a completely aqueous media", *Letters in Organic Chemistry*, **2010**, *7*, 388-391; ISSN: 1570-1786.
18. Yoshiharu Mitoma, Mitsunori Kakeda, **Alina Marieta Simion**, Naoyoshi Egashira, Cristian Simion, "Metallic Ca-Rh/C-Methanol, a high-performing system for the hydrodechlorination/ring reduction of mono- and poly chlorinated aromatic substrates", *Environmental Science and Technology*, **2009**, *43* (15), 5952-5958. ISSN: 0013-936X
19. **Alina Marieta Simion**, Takashi Arimura, Akira Miyazawa, Cristian Simion, G.K. Surya Prakash, George A. Olah, Masashi Tashiro, "Formation of secondary or tertiary aliphatic amines in aqueous media", *Synthetic Communications*, **2009**, *39*(16), 2859-2865. ISSN: 0039-7911
20. Daniela Istrati, Luminita Parvulescu, Angela Popescu, Dan Mihaiescu, Constantin Draghici, George Marton, **Alina Simion**, "Flow-vacuum pyrolysis of polycyclic compounds. 24¹.Pyrolysis of two dibenzocycloalkanols and their corresponding acetates.", *Revue Roumaine de Chimie*, **2006**, *51*(7-8), 589-599. ISSN: 0035-3930



21. **Alina Simion**, Constantin Draghici, Iosif Schiketanz, George Marton and Mircea D. Banciu “Flow-vacuum pyrolysis of *cis*-4b,5,9b,10-tetrahydroindeno[2,1-*a*]indene-5,10-diol and *cis*-4b,5,9b,10-tetrahydroindeno[2,1-*a*]indene-5,10-dione”, *Journal of Analytical and Applied Pyrolysis*, **2006**, 75, 97-103. WOS:000235504900006 ISSN: 0165-2370
22. Iwao Hashimoto, Takatoshi Kawaji, Yoshiharu Mitoma, Cristian Simion, **Alina Simion**, Keiko Ishimoto, G. Surya Prakash, George A. Olah si Masashi Tashiro, “*O*-Acylation mechanism of *p*-substituted phenols with various alkanoyl chlorides under phase transfer catalysis conditions”, *Revue Roumaine de Chimie*, **2004**, 48(2), 149-155. ISSN: 0035-3930
23. Yoshiharu Mitoma, Satoko Nagashima, Cristian Simion, **Alina Simion**, Tomoko Yamada, Keisuke Mimura, Keiko Ishimoto, Masashi Tashiro, “Dehalogenation of aromatic halides using metallic calcium in ethanol”, *Environmental Science and Technology*, **2001**, 35, 4145-4148. ISSN: 0013-936X
24. **Alina Simion**, Cristian Simion, Tadeshige Kanda, Satoko Nagashima, Yoshiharu Mitoma, Tomoko Yamada, Keisuke Mimura, Masashi Tashiro, “Synthesis of imines, diimines and macrocyclic diimines as possible ligands, in aqueous solution”, *Journal of the Chemical Society, Perkin Transactions I*, **2001**, 17, 2071-2078. ISSN: 0300-922X
25. M.D. Banciu, L. Parvulescu, A. Banciu, **Alina Simion**, C. Costea, C. Draghici, M. Pop, D. Mihaiescu, “Flow-vacuum pyrolysis of three dibenzocycloalkanones”, *Journal of Analytical and Applied Pyrolysis*, **2001**, 57, 261-274. ISSN: 0165-2370
26. Florin Iordache, Stefan A. Iordache, Ion Costea, Cristian Simion, **Alina Simion**, Dan Mihaiescu si Florin Badea, “Some new applications of phthalic anhydride in organic synthesis”, *Revue Roumaine de Chimie*, **2001**, 46(8), 835-845. ISSN: 0035-3930
27. M.D. Banciu, **Alina Simion**, C. Draghici, D. Mihaiescu, I. Oprean, “Flow-vacuum pyrolysis of 5H-dibenzo[*a,d*]cyclohepten-5-one oxime and 10,11-dihydro-5H-dibenzo[*a,d*]cyclohepten-5-one oxime”, *Journal of Analytical and Applied Pyrolysis*, **2000**, 53, 161-176. WOS:000084381100004 ISSN: 0165-2370
28. Cristian Simion, **Alina Simion**, Yoshiharu Mitoma, Satoko Nagashima, Takatoshi Kawaji, Iwao Hashimoto, Masashi Tashiro, “Synthesis of new dihydroxy-dioxygenated *ortho*-[2,*x*]cyclophanes”, *Heterocycles*, **2000**, 53(11), 2459-2470. ISSN: 0385-5414
29. Florin Badea, Florin Iordache, Ion Costea, Stefan Iordache, Aurelia Meghea, **Alina Simion**, Cristian Simion, “Free radicals trapping reactions with 3,5-di-*t*-butyl-nitrozobenzene. The \square nitrobenzyl free radical”, *Revue Roumaine de Chimie*, **2000**, 45(4), 361-368. ISSN: 0035-3930
30. Florin Badea, Florin Iordache, Aurelia Meghea, **Alina Simion**, Ion Costea, Stefan Iordache, Cristian Simion, “Generation and trapping of free radicals from phthalhydrazide and 3-nitrophthalhydrazide”, *Revue Roumaine de Chimie*, **1999**, 44(6), 585-590. ISSN: 0035-3930
31. A. Popescu, **Alina Simion**, A. Scozzafava, F. Briganti, C.T. Supuran, “Carbonic anhydrase inhibitors. Schiff bases of some aromatic sulfonamides and their metal complexes. Toward more selective inhibitors of carbonic anhydrase isozyme IV”, *Journal of Enzyme Inhibition and Medicinal Chemistry*, **1999**, 14, 407-423. ISSN: 1475-6366
32. Florin Badea, Ion Costea, Ingrid Velter, **Alina Simion**, Cristian Simion, “The occurrence of 3-oxo-6-keto-cyclohexa-1,4-diene (*p*-quinoketene) during an esterification process”, *Revue Roumaine de Chimie*, **1999**, 44(1), 95-99. ISSN: 0035-3930
33. Mircea D. Banciu, Angela Popescu, **Alina Simion**, Constantin Drăghici, Cristina Mangra, Dan Mihăiescu, Monica Pocol, “Flow vacuum pyrolysis of tetrazoles with annelated dibenzocycloalkane skeleton”, *Journal of Analytical and Applied Pyrolysis*, **1999**, 48(2), 129-146. WOS:000078587300006, ISSN: 0165-2370
34. Florin Badea, Ion Costea, Florin Iordache, **Alina Creanga**, Cristian Simion, “Generation and trapping of 5-carbonyl-6-thioke-1,3-cyclohexadiene”, *Revue Roumaine de Chimie*, **1998**, 43(7), 675-679. ISSN: 0035-3930
35. M.D. Banciu, C. Draghici, A. Popescu, A. Banciu, **Alina Simion**, “Heterocycles with annelated dibenzocycloalkane skeletons.VII. Tetrazoles with eight- and nine membered fused rings”, *Revue Roumaine de Chimie*, **1998**, 43(7), 649-660. ISSN: 0035-3930
36. C.T. Supuran, A. Scozzafava, A. Popescu, R. Bobes-Tureac, A. Banciu, **Alina Creanga**, G. Bobes-Tureac, M.D. Banciu, “Carbonic anhydrase inhibitors. Part 43. Schiff bases derived from sulfonamides: towards more specific inhibitors for membrane-bound versus cytosolic isozymes”, *European Journal of Medicinal Chemistry*, **1997**, 32, 445-452. ISSN: 0223-5234



37. Florin Badea, Ion Costea, Florin Iordache, **Alina Creanga**, Cristian Simion, "Attempted synthesis of dibenzo[*a,d*]-3-carbonyl-6-keto-1,4-cyclohexadiene (anthraquino-monoketene). Are *p*-quinoketene true reaction intermediates?", *Revue Roumaine de Chimie*, **1997**, 42(9), 949-951. ISSN: 0035-3930

Books

1. Cristian Simion, **Alina Marieta Simion**, Horia Albu, *Calitate și control al alimentelor*, Ed. Printech, București, **2007**, 486p, ISBN 978-973-718-764-2
2. Cristian Simion, **Alina Simion**, "*Poluarea și viața*", vol. I, Ed. Printech, București, **2006**, 350p, ISBN 973-718-445-9
3. **Alina Simion**, Cristian Simion, Florina Dumitru, Ovidiu Oprea, Adrian Crisciu, Ileana Rău, *Probleme teoretice și practice*, Ed. Flomar, București, **2002**, 200p, ISBN 973-96735-4-3
4. Lucian Enescu, Iosif Schiketanz, **Alina Simion**, Cristian Simion, "*Teste de chimie organică*", Ed. Politehnica, **2000**, 150p, ISBN 973-96609-8-3
5. Cristian Simion, **Alina Simion**, "*Introducere în strategia sintezei peptidice*", Ed. Printech, București, **1999**, 200p, ISBN 973-652-024-3
6. Lucian Enescu, Iosif Schiketanz, **Alina Simion**, Cristian Simion, "*Chimie organică – teste grilă pentru admiterea la Universitatea Politehnica București*", Ed. Printech, București, **1999**, 150p, ISBN 973-9475-31-0

Chapters

1. Yoshiharu Mitoma, **Alina M. Simion**, Cristian Simion, "Dual Soil Decontamination Procedures" in *Soil Contamination - Current Consequences and Further Solutions*, Dr. Marcelo Larramendy (Ed.), InTech, **2016**, DOI: 10.5772/65335, ISBN 978-953-51-2816-8, Print ISBN 978-953-51-2815-1, Published: December 21, 2016

Conferences - selection

1. Yoshiharu Mitoma, Naoyoshi Egashira, Mitsunori Kakeda, **Alina Marieta Simion**, Cristian Simion, "Solvent-free, nano-calcium mediated imine synthesis", ABS0089, The 14th Asian Chemical Congress **2011**, September 8, Bangkok, Thailand.
2. Cristian Simion, **Alina Marieta Simion**, Mitsunori Kakeda, Naoyoshi Egashira, Yoshiharu Mitoma, "Dehalogenation of halogenated compounds using metallic calcium (16). Mechanistic study of the dechlorination process of substituted chlorobenzenes using a metallic calcium catalyst method", 89th National Spring Meeting of the Chemical Society of Japan, Tokyo, Funabashi University, **27-29.03.2009**, 3PC-029.
3. Mitoma Yoshiharu, Miyata Hideaki, Simion Cristian, Kakeda Mitsunori, **Simion Alina Marieta**, Egashira Naoyoshi "Direct and efficient degradation of pcbs in transformer oils with metallic calcium mechanochemical degradation of chlorinated contaminants in fly ash with metallic calcium-based degradation reagent", 29th International Symposium on Halogenated Persistent Organic Pollutants (*Dioxin 2009*), **23-28.08.2009**, Beijing, China.
4. Mitoma Yoshiharu, Miyata Hideaki, Simion Cristian, Kakeda Mitsunori, **Simion Alina Marieta**, Egashira Naoyoshi, "Study of the non-heated decomposition of asbestos in the presence of metallic Al powder as reducing agent", 29th International Symposium on Halogenated Persistent Organic Pollutants (*Dioxin 2009*), **23-28.08.2009**, Beijing, China.
5. Cristian Simion, **Alina Simion**, Satoko Nagashima, Masashi Tashiro, "Synthesis of macroheterocycles by intramolecular reductive coupling of dialdehydes or diimines in aqueous media", *2000 International Chemical Congress of Pacific Basin Societies*, Honolulu, Hawaii, Statele Unite ale Americii, **14-19.12.2000**, p. 583



6. Satoko Nagashima, Yoshiharu Mitoma, Cristian Simion, **Alina Simion**, Zhongyang Li, Masashi Tashiro, "Palladium-promoted reduction using water as a hydrogen source", *2000 International Chemical Congress of Pacific Basin Societies*, Honolulu, Hawaii, Statele Unite ale Americii, **14-19.12.2000**, p. 584
7. Yoshiharu Mitoma, Satoko Nagashima, Cristian Simion, **Alina Simion**, Zhongyang Li, Masashi Tashiro, "Convenient reduction and reductive coupling of carbonyl and imine compounds by metallic calcium", *2000 International Chemical Congress of Pacific Basin Societies*, Honolulu, Hawaii, Statele Unite ale Americii, **14-19.12.2000**, p. 585
8. Satoko Nagashima, Yoshiharu Mitoma, Cristian Simion, **Alina Simion**, Yukiko Nakahara, Tadashige Kanda, Tomoko Yamada, Miki Naito, Takaaki Kakinami, Masashi Tashiro, "One-pot reaction. Synthesis of substituted 1,2-diphenylethanes from aromatic carbonyl compounds in aqueous media", *12th Japan-Korea joint seminar for Young Organic Chemists*, Oita, Japonia, **18.11.2000**, p. 51
9. Yoshiharu Mitoma, Satoko Nagashima, **Alina Simion**, Cristian Simion, Yukiko Nakahara, Tadashige Kanda, Tomoko Yamada, Masashi Tashiro, "The organic synthesis in water. Reduction and reductive coupling of carbonyl and imine compounds", *2000 International Symposium on Organic Reactions*, Tokyo, Japonia, **26-28.10.2000**, p. 26
10. **Alina Simion**, Cristian Simion, Yoshiharu Mitoma, Satoko Nagashima, Zhongyang Li, Masashi Tashiro, "Simple and convenient synthesis of imines in aqueous media", *27th Organic Chemistry Seminar in Kuju*, Kuju, Japonia, **04-07.08.2000**, p. 45
11. Cristian Simion, **Alina Marieta Simion**, Takashi Arimura, Akira Miyazawa, Masashi Tashiro, "Elimination of water in aqueous media: the reaction of amines with aldehydes", *88th National Spring Meeting of the Chemical Society of Japan*, Tokyo, Rikkyo University, **26-30.03.2008**, 4PB-060.
12. Anca Hirtopeanu, Robert M. Moriarty, Rajesh Naithani, Carmen Mitan, Angela Popescu, Daniela Istrati, **Alina Simion**, Mihaela Balasu, "Iminosugars with biological activity", *Conferința RICCCE XV*, **19- 22.09.2007**, Sinaia, România
13. Angela Popescu, Daniela Istrati, **Alina Simion**, Elena Andrei, "Synthesis and flow vacuum pyrolysis of new annelated tetrazoles", *2nd EuCheMS Chemistry Congress*, **16-20.09.2008**, Torino, Italia
14. Angela Popescu, Elena Andrei, Daniela Istrati, **Alina Simion**, Constantin Draghici, Crinu Ciuculescu, "Synthesis of some new benzoannelated tetrazoles and the study of their thermal behavior in the flashvacuum pyrolysis (FVP)", *Zilele facultatii de inginerie chimica si protectia mediului, Ediția a V-a*, Universitatea tehnica "Gheorghe Asachi", **19-2.11.2008**, Iași, România.
15. Cristian Simion, **Alina Marieta Simion**, Takashi Arimura, Akira Miyazawa, Masashi Tashiro, "Elimination of water in aqueous media: the reaction of amines with aldehydes", *88th National Spring Meeting of the Chemical Society of Japan*, Tokyo, Rikkyo University, **26-30.03.2008**, 4PB-060.