

**RAPORTUL DE AUTOEVALUARE
A ACTIVITĂȚII DESFĂȘURATE ÎN ULTIMII 3 ANI 2009-2011**

- 1) **Numele și prenumele** Badea Valentin
- 2) **Vechimea totală în muncă (ani)** 17 din care: **în învățământ superior** 14
- 3) **Funcția didactică** Asistent universitar din anul 1998
- 4) **Doctor din anul:** 2004
- 5) **Fișa sintetică cu punctajul realizat în ultimii 3 ani și listele cu lucrări, în conformitate cu *Criteriile Specifice de Evaluare în UPT* (Anexa 2, fisier Excel).**
- 6) **Alte performanțe în activitatea didactică (alte activități decât cele de la secțiunea 5):**
 - a) Discipline noi asimilate, corelate cu standardele interne/internaționale introduse în planul de învățământ
 - b) Contribuții semnificative aduse programelor analitice
 - c) Profesor invitat la universități din țară sau străinătate
 - d) Organizarea unor activități studențești de practică în țară/străinătate
 - e) Proiecte de diplomă / disertații conduse (medie / an)
 - **2 Proiecte de diplomă în 2009**
 - **2 Proiecte de diplomă în 2010**
 - **1 Proiect de diploma în 2011**
 - f) Conducător de doctorat din anul
 - i) nr. doctoranzi în stagiu
 - ii) nr. de teze susținute
 - g) Contribuții la dezvoltarea bazei materiale în concordanță cu standardele specifice:
 - i) dezvoltarea laboratoarelor
 - **achiziție de reactivi chimici pentru laborator**
 - ii) înzestrarea bibliotecii de specialitate
 - h) Recunoașteri ale performanțelor didactice educaționale
 - i) Activități de manageriat în procesul de învățământ
 - j) Cooperare cu cadre didactice din țară / străinătate

Dr. Ing. Călin Deleanu Institutul de Chimie Organică "C. D. Nenițescu" București- colaborare în domeniul analizei prin Rezonanță Magnetică Nucleară
Ing. Alina Nicolescu Institutul de Chimie Macromoleculară "Petru Poni" Iasi- analiza structurală prin Rezonanță Magnetică Nucleară

 - k) Alte activități (granturi, programe internaționale, ș.a.)
 - **Participarea în 2009 la XIth Central European Bruker NMR Users Meeting, Cluj-Napoca, Romania, October 1-3, 2009**
 - **Participarea în 2010 la XIIth Central European Bruker NMR Users Meeting, Graz, Austria, September 26-28, 2010**
 - **Participarea în 2011 la XIIIth Central European Bruker NMR Users Meeting, Budapesta, Ungaria, August 30-31, 2011**
- 7) **Alte performanțe în activitatea științifică:**
 - a) Coordonări / participări la programe de cercetare interne și internaționale
 - b) Organisme profesional științifice, marcând recunoașterea activității proprii

Membru al Societății de Chimie din România

- c) Recunoașteri ale performanțelor științifice pe plan intern/internațional (premiul Academiei Române, premii acordate de Consilii sau Comitete naționale sau internaționale, premii acordate de reviste de prestigiu recunoscute internațional, distincții, ș.a.)
- d) Membru în comitete editoriale ale unor reviste naționale / internaționale, referent științific

Member of the Editorial Board of Referees of the Arkivoc Journal for Organic Chemistry - <http://www.arkat-usa.org/arkivoc-journal/members-editorial-board-of-referees/>

ARKIVOC publishes Full Papers describing sound original work that is of interest to organic chemists (including bio-organic, organometallic and physical-organic chemists)

- e) Participarea în consiliile științifice și conducerea lucrărilor la manifestări științifice interne / internaționale
- f) Citări în literatura referitoare la lucrări sau activități desfășurate - **34 de citari**

Title: Synthesis and characterization of new glycopolymers based on monosaccharides and maleic anhydride I. Glucose derivatives

Author(s): Pana A.-M., Rusnac L.-M., Bandur G., Sisu E., Badea V., Silion M.

Source: (2010) *Materiale Plastice*, 47 (1), pp. 28-34.

Citată în:

1. **Title:** Synthesis and Characterization of New Glycopolymers Based on Monosaccharides and Maleic Anhydride II. Mannose derivatives

Author(s): Pana, Ana-Maria; Rusnac, Lucian-Mircea; Bandur, Geza; Deleanu, Calin; Balan, Mihaela; Silion, Mihaela

Source: MATERIALE PLASTICE Volume: 47 Issue: 3 Pages: 299-305 Published: SEP 2010

2. ***Title:** Synthesis and characterization of a new methacrylic glycomonomer

Author(s): Ștefan, L.M., Pană, A.-M., Pascariu, M.-C., Șișu, E., Bandur, G., Rusnac, L.-M.

Source: 2011 *Turkish Journal of Chemistry* 35 (5), pp. 757-767

Title: The alkylation of 1H-5-mercapto-3-phenyl -1,2,4-triazole and 4H-4-amino-5-mercapto-3-phenyl -1,2,4-triazole

Author(s): Ledeti I.V., Bercean V.N., Badea V., Balan M., Csunderlik C.

Source: (2010) *Revista de Chimie*, 61 (9), pp. 833-837.

Citată în:

3. **Title:** One pot synthesis and reactions of novel 5-amino[1,3]thiazolo[3,2-b][1,2,4] triazoles El-Sherief,

Author(s): H.A.H., Hozien, Z.A., El-Mahdy, A.F.M., Sarhan, A.A.O.

Source: *Arkivoc* 2011 (10), pp. 55-70

Title: Reactions of N,N '-carbonyldisuccinimide with Nitrogen-containing Nucleophiles

Author(s): Csunderlik, Carol; Simon, Monika; Micle, Andreea; Badea, Valentin; Palani, Adil; Gerasimou, Evangelos

Source: REVISTA DE CHIMIE Volume: 61 Issue: 7 Pages: 638-641 Published: JUL 2010

Citată în:

4. **Title:** Study of the N-methylcarbamylsuccinamic Acid Synthesis

Author(s): Palani, Adil; Florea, Larisa; Gerasimou, Evangelos; Nitu, Sabina; Csunderlik, Carol; Simon, Monika

Source: REVISTA DE CHIMIE Volume: 61 Issue: 9 Pages: 838-840 Published: SEP 2010

Title: Synthesis of Symmetrically N,N '-di-substituted Aliphatic Ureas by Reaction of bis(o-nitrophenyl) Carbonate with Primary Amines

Author(s): Simon, Monika; Turoczi, Cristina Maria; Badea, Valentin; Pop, Maria; Zaharia, Valentin; Csunderlik, Carol

Source: REVISTA DE CHIMIE Volume: 61 Issue: 4 Pages: 380-382 Published: APR 2010

Citată în:

5. **Title:** Study of the N-methylcarbamylsuccinamic Acid Synthesis

Author(s): Palani, Adil; Florea, Larisa; Gerasimou, Evangelos; Nitu, Sabina; Csunderlik, Carol; Simon, Monika

Source: REVISTA DE CHIMIE Volume: 61 Issue: 9 Pages: 838-840 Published: SEP 2010

Title: Bis(O-nitrophenyl) Carbonate as a New Reagent for the Synthesis of Chiral Oxazolidin-2-ones

Author(s): [Simon M](#) (Simon, Monika)¹, [Micle A](#) (Micle, Andreea)¹, [Badea V](#) (Badea, Valentin)¹, [Csunderlik C](#) (Csunderlik, Carol)¹

Source: SYNTHETIC COMMUNICATIONS Volume: 39 Issue: 15 Pages: 2633-2639 Published: 2009

Citată în:

6. Title: Study of the N-methylcarbamylysuccinamic Acid Synthesis
Author(s): [Palani A](#) (Palani, Adil)¹, [Florea L](#) (Florea, Larisa)¹, [Gerasimou E](#) (Gerasimou, Evangelos)², [Nitu S](#) (Nitu, Sabina)², [Csunderlik C](#) (Csunderlik, Carol)¹, [Simon M](#) (Simon, Monika)¹
Source: REVISTA DE CHIMIE Volume: 61 Issue: 9 Pages: 838-840 Published: SEP 2010
7. Title: Synthesis of a New Chiral Carbamate: 2-nitrophenyl(1R,2S)-(1,2-diphenyl-2-hydroxyethyl)carbamate
Author(s): [Kecseti IM](#) (Kecseti, Ildiko Mariana)¹, [Simon M](#) (Simon, Monika)¹, [Csunderlik C](#) (Csunderlik, Carol)¹
Source: REVISTA DE CHIMIE Volume: 61 Issue: 8 Pages: 759-761 Published: AUG 2010

Title: Synthesis of Bis-ureas from Bis(o-nitrophenyl) Carbonate

Author(s): [Turoczi MC](#) (Turoczi, Maria-Cristina)¹, [Simon M](#) (Simon, Monika)¹, [Badea V](#) (Badea, Valentin)¹, [Csunderlik C](#) (Csunderlik, Carol)¹

Source: MOLECULES Volume: 13 Issue: 12 Pages: 3192-3197 Published: DEC 2008

Citată în:

8. Title: Study of the N-methylcarbamylysuccinamic Acid Synthesis
Author(s): [Palani A](#) (Palani, Adil)¹, [Florea L](#) (Florea, Larisa)¹, [Gerasimou E](#) (Gerasimou, Evangelos)², [Nitu S](#) (Nitu, Sabina)², [Csunderlik C](#) (Csunderlik, Carol)¹, [Simon M](#) (Simon, Monika)¹
Source: REVISTA DE CHIMIE Volume: 61 Issue: 9 Pages: 838-840 Published: SEP 2010
9. Title: Synthesis of a New Chiral Carbamate: 2-nitrophenyl(1R,2S)-(1,2-diphenyl-2-hydroxyethyl)carbamate
Author(s): [Kecseti IM](#) (Kecseti, Ildiko Mariana)¹, [Simon M](#) (Simon, Monika)¹, [Csunderlik C](#) (Csunderlik, Carol)¹
Source: REVISTA DE CHIMIE Volume: 61 Issue: 8 Pages: 759-761 Published: AUG 2010

Title: Synthesis and characterization of some new 1H-3-aryl-7-etoxy-carbonyl-6- methyl-pyrazolo[5,1-c][1,2,4] triazoles

Author(s): [Sofei M.-D.](#), [Ilici M.](#), [Badea V.](#), [Csunderlik C.](#), [Bercean V.-N.](#)

Source: (2008) *Revista de Chimie*, 59 (1), pp. 41-44.

Citată în:

10. Title: Antifungal activity, synthesis and structure of new derivatives of 1,2,4-triazole, α -(p-chloro-phenoxy) - α - (1,2,4-triazole-1-il) acetic acid
Author(s): [Vornicu, N.](#), [Bibire, C.](#), [Diaconescu, R.](#), [Oniscu, C.](#)
Source: 2009 *Revista de Chimie* 60 (9), pp. 934-938

Title: Combinatorial synthesis and characterization of new asymmetric Porphyrins as potential Photosensitizers in photodynamic therapy

Author(s): [Fagadar-Cosma E](#) (Fagadar-Cosma, Eugenia), [Cseh L](#) (Cseh, Liliana), [Badea V](#) (Badea, Valentin), [Fagadar-Cosma G](#) (Fagadar-Cosma, Gheorghe), [Vlascici D](#) (Vlascici, Dana)

Source: COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING Volume: 10 Issue: 6 Pages: 466-472 Published: JUL 2007

Citată în:

11. *Title: Nanodrug applications in photodynamic therapy
Author(s): [Paszko E](#) (Paszko, Edyta)², [Ehrhardt C](#) (Ehrhardt, Carsten)³, [Senge MO](#) (Senge, Mathias O.)^{1,2}, [Kelleher DP](#) (Kelleher, Dermot P.)², [Reynolds JV](#) (Reynolds, John V.)⁴
Source: PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY Volume: 8 Issue: 1 Pages: 14-29 Published: MAR 2011

12. Title: NOVEL PORPHYRIN-BASED POLYSILOXANE MICROMATERIAL
 Author(s): [Grama S](#) (Grama, S.)², [Hurdud N](#) (Hurdud, N.)², [Fagadar-Cosma E](#) (Fagadar-Cosma, E.)³, [Vasile M](#) (Vasile, M.)⁴, [Tarabukina E](#) (Tarabukina, E.)⁵, [Fagadar-Cosma G](#) (Fagadar-Cosma, G.)¹
 Source: DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES Volume: 5 Issue: 4 Pages: 959-973 Published: OCT-DEC 2010
13. *Title: Hybrid silica-porphyrin materials with tailored pore sizes
 Author(s): [Dudas Z](#) (Dudas, Zoltan)¹, [Enache C](#) (Enache, Corina)¹, [Fagadar-Cosma G](#) (Fagadar-Cosma, Gheorghe)², [Armeanu I](#) (Armeanu, Ileana)¹, [Fagadar-Cosma E](#) (Fagadar-Cosma, Eugenia)¹
 Source: MATERIALS RESEARCH BULLETIN Volume: 45 Issue: 9 Pages: 1150-1156 Published: SEP 2010
14. Title: ELECTROCHEMICAL STUDIES ON 5,10,15,20-TETRAKIS (4-PYRIDYL)-21H,23H-PORPHINE AND ITS ZN(II) COMPLEX
 Author(s): [Fagadar-Cosma G](#) (Fagadar-Cosma, Gheorghe)¹, [Fagadar-Cosma E](#) (Fagadar-Cosma, Eugenia)²
 Source: STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA Volume: 54 Special Issue: Sp. Iss. 1 Pages: 143-149 Published: 2009
15. *Title: Functional porphyrin thin films deposited by matrix assisted pulsed laser evaporation
 Author(s): [Cristescu R](#) (Cristescu, R.)¹, [Popescu C](#) (Popescu, C.)¹, [Popescu AC](#) (Popescu, A. C.)¹, [Mihailescu IN](#) (Mihailescu, I. N.)¹, [Ciucu AA](#) (Ciucu, A. A.)², [Andronic A](#) (Andronic, A.)³, [Iordache S](#) (Iordache, S.)³, [Stamatin I](#) (Stamatin, I.)³, [Fagadar-Cosma E](#) (Fagadar-Cosma, E.)⁴, [Chrissey DB](#) (Chrissey, D. B.)⁵
 Source: MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS Volume: 169 Issue: 1-3 Special Issue: Sp. Iss. SI Pages: 106-110 Published: MAY 25 2010
16. *Title: The Combinatorial Synthesis of Bioactive Quinoxalines, Quinoxalinones and Quinoxalinols
 Author(s): [Lv M](#) (Lv, Min)², [Xu H](#) (Xu, Hui)^{1,2}
 Source: COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING Volume: 13 Issue: 3 Pages: 293-301 Published: MAR 2010
17. *Title: Coupling Between Plasmonic Resonances in Nanoparticles and Porphyrins Molecules
 Author(s): [Mihailescu G](#) (Mihailescu, Gheorghe)¹, [Olenic L](#) (Olenic, Liliana)¹, [Garabagiu S](#) (Garabagiu, Sorina)¹, [Blanita G](#) (Blanita, Gabriela)¹, [Cosma EF](#) (Cosma, Eugenia-Fagadar)², [Biris AS](#) (Biris, Alexandru S.)^{3,4}
 Source: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 10 Issue: 4 Pages: 2527-2530 Published: APR 2010
18. *Title: Novel nanomaterials based on 5,10,15,20-tetrakis(3,4-dimethoxyphenyl)-21H,23H-porphyrin entrapped in silica matrices
 Author(s): [Fagadar-Cosma E](#) (Fagadar-Cosma, Eugenia)¹, [Enache C](#) (Enache, Corina)¹, [Vlascici D](#) (Vlascici, Dana)², [Fagadar-Cosma G](#) (Fagadar-Cosma, Gheorghe)³, [Vasile M](#) (Vasile, Mihaela)⁴, [Bazylak G](#) (Bazylak, Grzegorz)²
 Source: MATERIALS RESEARCH BULLETIN Volume: 44 Issue: 12 Pages: 2186-2193 Published: DEC 2009
19. Title: Syntheses, Spectroscopic and AFM Characterization of Some Manganese Porphyrins and Their Hybrid Silica Nanomaterials
 Author(s): [Fagadar-Cosma E](#) (Fagadar-Cosma, Eugenia)¹, [Mirica MC](#) (Mirica, Marius Constantin)², [Balcu I](#) (Balcu, Ionel)², [Bucovician C](#) (Bucovician, Carmen)¹, [Cretu C](#) (Cretu, Carmen)¹, [Armeanu I](#) (Armeanu, Ileana)¹, [Fagadar-Cosma G](#) (Fagadar-Cosma, Gheorghe)³ Source: MOLECULES Volume: 14 Issue: 4 Pages: 1370-1388 Published: APR 2009
20. *Title: The influence of pH over topography and spectroscopic properties of silica hybrid materials embedding meso-tetratolylporphyrin
 Author(s): [Fagadar-Cosma E](#) (Fagadar-Cosma, Eugenia)¹, [Enache C](#) (Enache, Corina)¹, [Armeanu I](#) (Armeanu, Ileana)¹, [Dascalu D](#) (Dascalu, Dana)², [Fagadar-Cosma G](#) (Fagadar-Cosma, Gheorghe)³, [Vasile M](#) (Vasile, Mihaela)⁴, [Grozescu I](#) (Grozescu, Ioan)⁴
 Source: MATERIALS RESEARCH BULLETIN Volume: 44 Issue: 2 Pages: 426-431 Published: FEB 4 2009

Title: **Regioselective alkylation of 1H-7-ethoxycarbonyl-6-methyl-3-phenyl-pyrazolo[5,1-c][1,2,4]triazole and 1H-6-methyl-3-phenyl-pyrazolo[5,1-c][1,2,4]triazole**

Author(s): [Badea V](#) (Badea, Valentin), [Sofei MD](#) (Sofei, Maria D.), [Venter MM](#) (Venter, Monica M.), [Bercean VN](#) (Bercean, Vasile N.)

Source: TETRAHEDRON Volume: 63 Issue: 6 Pages: 1467-1473 Published: FEB 5 2007

Citată în:

21. *Title: Convenient Synthesis and Antimicrobial Activity of Some Novel Amino Acid Coupled Triazoles
 Author(s): El Rayes, S. M.
 Source: MOLECULES Volume: 15 Issue: 10 Pages: 6759-6772 Published: OCT 2010
22. Title: Chapter 5.4: Five-membered ring systems: with more than one N atom
 Author(s): Yet, L.
 Source: 2009 *Progress in Heterocyclic Chemistry* 20, pp. 190-219

Title: **The synthesis and characterisation of some ortho-substituted phenoxyalkanoic acids and their derivatives**
 Author(s): [Lupea AX](#) (Lupea, Alfa Xenia), [Popescu I](#) (Popescu, Iuliana), [Tarabasanu C](#) (Tarabasanu, Corneliu), [Ienascu I](#) (Ienascu, Ioana), [Badea V](#) (Badea, Valentin)
 Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY Volume: 71 Issue: 12 Pages: 1247-1261 Published: 2006

Citată în:

23. Title: Synthesis and Characterization of Some New Salicylamide Derivatives with Potential Biological Activity
 Author(s): [Ienascu IMC](#) (Ienascu, Ioana M. C.)², [Padure MA](#) (Padure, Mirabela A.)¹, [Lupea AX](#) (Lupea, Alfa Xenia)¹, [Balcu I](#) (Balcu, Ionel)², [Popescu IM](#) (Popescu, Iuliana M.)³
 Source: REVISTA DE CHIMIE Volume: 61 Issue: 4 Pages: 368-371 Published: APR 2010
24. *Title: The synthesis and characterization of some novel 5-chloro-2-(substituted alkoxy)-N-phenylbenzamide derivatives
 Author(s): [Ienascu IMC](#) (Ienascu, Ioana M. C.)^{1,3}, [Lupea AX](#) (Lupea, Alfa X.)¹, [Popescu IM](#) (Popescu, Iuliana M.)², [Padure MA](#) (Padure, Mirabela A.)¹, [Zamfir AD](#) (Zamfir, Alina D.)^{3,4} Source: JOURNAL OF THE SERBIAN CHEMICAL SOCIETY Volume: 74 Issue: 8-9 Pages: 847-855 Published: 2009

Title: **Reactions of 1H-3-methyl-4-ethoxycarbonyl-5-benzylidenehydrazino-pyrazole in nonaqueous media under conditions of undivided and divided-cell electrolysis**

Author(s): [Costea L](#) (Costea, Liviu), [Bercean V](#) (Bercean, Vasile), [Badea V](#) (Badea, Valentin), [Taranu I](#) (Taranu, Ion), [Chiriac A](#) (Chiriac, Adrian)
 Source: REVISTA DE CHIMIE Volume: 57 Issue: 8 Pages: 834-837 Published: AUG 2006

Citată în:

25. Title: Green Chemistry: Electrochemical properties and anodic cyclization of 1H-3-methyl-4-ethoxycarbonyl-5-(4-fluoro-benzylidenehydrazino)-pyrazole in nonaqueous solvents.
 Author(s): [Costea LV](#) (Costea, Liviu Virgil)¹, [Bercean VN](#) (Bercean, Vasele Nicolae)
 Editor(s): Robu N; Corneliu B; Gheorghe L; Dimitrios P; Mastorakis N; Daniel D; Daniel D; Sevastean I; Valeriu S Source: SSE '09: PROCEEDINGS OF THE 11TH WSEAS INTERNATIONAL CONFERENCE ON SUSTAINABILITY IN SCIENCE ENGINEERING Pages: 147-152 Published: 2009

Title: **Synthesis and electrochemical behavior of some 1H-3-methyl-4-ethoxycarbonyl-5-(benzylidenehydrazino)pyrazoles**

Author(s): [Costea LV](#) (Costea, Liviu V.), [Bercean VN](#) (Bercean, Vasile N.), [Badea V](#) (Badea, Valentin), [Gerdes K](#) (Gerdes, Klaus), [Jordis U](#) (Jordis, Ulrich)
 Source: MONATSHEFTE FUR CHEMIE Volume: 137 Issue: 6 Pages: 737-744 Published: JUN 2006

Citată în:

26. Title: Green Chemistry: Electrochemical properties and anodic cyclization of 1H-3-methyl-4-ethoxycarbonyl-5-(4-fluoro-benzylidenehydrazino)-pyrazole in nonaqueous solvents.
 Author(s): [Costea LV](#) (Costea, Liviu Virgil)¹, [Bercean VN](#) (Bercean, Vasele Nicolae)
 Editor(s): Robu N; Corneliu B; Gheorghe L; Dimitrios P; Mastorakis N; Daniel D; Daniel D; Sevastean I; Valeriu S Source: SSE 2009: PROCEEDINGS OF THE 11TH WSEAS

Title: **Bis(o-nitrophenyl) carbonate, a valid alternative reagent to phosgene in symmetrical N,N'-diaryl ureas synthesis**

Author(s): [Simon M](#) (Simon, Monika), [Micle A](#) (Micle, Andreea), [Turoczi CM](#) (Turoczi, Cristina Maria), [Badea V](#) (Badea, Valentin), [Csunderlik C](#) (Csunderlik, Carol)
 Source: REVISTA DE CHIMIE Volume: 57 Issue: 4 Pages: 383-386 Published: APR 2006

Citată în:

27. Title: [Study of the N-methylcarbamy succinamic Acid Synthesis](#)
Author(s): [Palani A](#) (Palani, Adil)¹, [Florea L](#) (Florea, Larisa)¹, [Gerasimou E](#) (Gerasimou, Evangelos)², [Nitu S](#) (Nitu, Sabina)², [Csunderlik C](#) (Csunderlik, Carol)¹, [Simon M](#) (Simon, Monika)¹
Source: REVISTA DE CHIMIE Volume: 61 Issue: 9 Pages: 838-840 Published: SEP 2010
28. Title: Synthesis of a New Chiral Carbamate: 2-nitrophenyl(1R,2S)-(1,2-diphenyl-2-hydroxyethyl)carbamate
Author(s): [Kecseti IM](#) (Kecseti, Ildiko Mariana)¹, [Simon M](#) (Simon, Monika)¹, [Csunderlik C](#) (Csunderlik, Carol)¹
Source: REVISTA DE CHIMIE Volume: 61 Issue: 8 Pages: 759-761 Published: AUG 2010

Title: **Synthesis and electrochemical characteristics of dyes based upon 1H-3-phenyl-6-methyl-7-aryl-azo-pyrazolo[5,1-c][1,2,4]triazole**

Author(s): [Costea L](#), [Bercean VN](#), [Badea V](#), [Chiriac A](#)
Source: REVISTA DE CHIMIE Volume: 57 Issue: 1 Pages: 71-74 Published: JAN 2006

Citată în:

29. Title: Voltammetric Determination of Dye-Uptake for C. I. Acid Blue 120 Dyeing Silk
Author(s): [Ma MM](#) (Ma, Ming Ming)^{1,2}
Source: ANALYTICAL LETTERS Volume: 42 Issue: 18 Pages: 3073-3084 Published: 2009

Title: **The synthesis and characterization of 1H-3-methyl-4-ethoxycarbonyl-5-arylidenehydrazino-pyrazoles, Intermediates in the Synthesis of 1H-3-aryl-6-methyl-pyrazolo [5,1-c][1,2,4]-triazoles 2**

Author(s): [Bercean VN](#), [Badea V](#), [Ilici M](#), [Neda I](#), [Csunderlik C](#)
Source: REVISTA DE CHIMIE Volume: 56 Issue: 3 Pages: 297-300 Published: MAR 2005

Citată în:

30. Title: Green Chemistry: Electrochemical properties and anodic cyclization of 1H-3-methyl-4-ethoxycarbonyl-5-(4-fluoro-benzylidenehydrazino)-pyrazole in nonaqueous solvents.
Author(s): [Costea LV](#) (Costea, Liviu Virgil)¹, [Bercean VN](#) (Bercean, Vasele Nicolae)
Editor(s): Robu N; Corneliu B; Gheorghe L; Dimitrios P; Mastorakis N; Daniel D; Daniel D; Sevastian I; Valeriu S
Source: SSE 2009: PROCEEDINGS OF THE 11TH WSEAS

Title: **A simplified method of obtaining 3-aryl-5-mercapto-1,2,4-triazoles**

Author(s): [Bercean V](#), [Badea V](#), [Sisu E](#), [Bindila L](#), [Csunderlik C](#)
Source: REVISTA DE CHIMIE Volume: 54 Issue: 4 Pages: 368-369 Published: APR 2003

Citată în:

31. Title: MILD AND EFFICIENT METHOD TO OBTAIN GLYCOSYL SULFONES OF MERCAPTOTRIAZOLE
Author(s): [Lascu A](#) (Lascu, Anca)¹, [Sisu I](#) (Sisu, Ioana)¹, [Bercean V](#) (Bercean, Vasile)², [Lupea AX](#) (Lupea, Alfa Xenia)^{2,3}, [Caproiu MT](#) (Caproiu, Miron T.)^{4,5}, [Sisu E](#) (Sisu, Eugen)^{1,3}
Source: REVUE ROUMAINE DE CHIMIE Volume: 55 Issue: 3 Pages: 205-210 Published: MAR 2010

Title: **Facile bromination of the benzene ring during the cyclisation of the 1H-3-methyl-4-ethoxycarbonyl-5-arylidenehydrazonopyrazoles to the 3-substituted-aryl-1H-6-methyl-7-ethoxycarbonyl-pyrazolo[3,2-c]-s-triazoles**

Author(s): [Csunderlik C](#), [Bercean V](#), [Peter F](#), [Badea V](#)
Source: ARKIVOC Pages: 133-141 Part: Part 2 Published: 2002

Citată în:

32. *Title: Recent Advances in the Regioselective Synthesis of Pyrazoles
Author(s): [Yoon JY](#) (Yoon, Joo-Yong)¹, [Lee SG](#) (Lee, Sang-gi)², [Shin H](#) (Shin, Hyunik)¹
Source: CURRENT ORGANIC CHEMISTRY Volume: 15 Issue: 5 Pages: 657-674 Published: MAR 2011

33. Title: Tandem in situ generation and 1,5-electrocyclization of N-hetaryl nitrilimines. A facile methodology for synthesis of annulated 1,2,4-triazoles and their acyclo C-nucleosides
 Author(s): [Shawali AS](#) (Shawali, Ahmad Sami)
 Source: ARKIVOC Special Issue: Part 1 Sp. Iss. SI Pages: 33-97 Part: Part 1 Sp. Iss. SI Published: 2010
34. *Title: N-(alpha-Amidoalkyl)benzotriazole-mediated synthesis of beta '-amido beta-diketones: a general synthetic protocol for N-[beta-(3,5-di and 1,3,5-trisubstituted pyrazol-4-yl)alkyl] amides
 Author(s): [Celik I](#) (Celik, Ilhami)¹, [Kaniskan N](#) (Kaniskan, Nevin)¹, [Kokten S](#) (Kokten, Sule)¹ Source: TETRAHEDRON Volume: 65 Issue: 1 Pages: 328-335 Published: JAN 3 2009

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- a) funcții academice de conducere:
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 ii) prorector
 iii) secretar științific al senatului
 iv) decan
 v) prodecan
 vi) secretar științific al consiliului facultății
 vii) director departament, /șef de catedră
- b) directori centre de cercetare,
 c) director editură,
 d) director programe internaționale (nu proiecte internaționale)
 e) alte activități
- 9) **Îndeplinirea condițiilor de abilitare**

As. Dr. Ing Valentin Badea