

**Calin DELEANU - Curriculum Vitae****MAIN EMPLOYMENT POSITION:**

Senior Researcher I,  
 “Costin D. Nenitescu” Centre of Organic Chemistry of the Romanian Academy,  
 Spl. Independentei 202-B, RO-060023 Bucharest.  
[calin.deleanu@yahoo.com](mailto:calin.deleanu@yahoo.com)

**PERSONAL:** Born April 1, 1962; Married; One child.

**EDUCATION:** - Chemical engineer (1988), Polytechnic University Bucharest,  
 Faculty of Chemical Technologies.  
 - Ph.D. in Chemistry (2001), Polytechnic University Bucharest.

**LANGUAGES:** Romanian (mother tongue), English, French.

**EMPLOYMENT POSITIONS:**

**1988 – 1990** Chemical Engineer, Petrochemical Plant “Borzesti”, Onesti, Romania.

**1990 – Present** Senior Researcher I,  
 “C. D. Nenitescu” Centre of Organic Chemistry of the Romanian Academy,  
 Bucharest, Romania.

**1990 – 2007** Associated Professor, part time position, Polytechnic University Bucharest.

**2000 – Present** Associated Professor, part time position,  
 “Carol Davila” University of Medicine and Pharmacy, Bucharest.

**2004 – 2005** Senior Researcher I (6 months “Poste Rouge” CNRS),  
 Institut Européen des Membrane, Montpellier, France.

**2007 – Present** Senior Researcher I, part time position,  
 “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania.

**2009 – 2013** Scientific Secretary, “C. D. Nenitescu” Centre of Organic Chemistry.

**SCIENTIFIC EXPERTISE:**

Over 25 years of expertise in properties and structure elucidation of organic, organometallic and macromolecular compounds using NMR, IR and NIR techniques. Expertise in organic synthesis. Over 20 years of expertise in applications of NMR spectroscopy in medicine and food sciences.

**MANAGEMENT EXPERTISE:**

Head of two research groups in Bucharest and Iasi. Management expertise as Scientific Secretary of the Centre of Organic Chemistry (2009-2013), Director of the National NMR Laboratory (1997-2007), he organized six NMR laboratories (in the Polytechnic University of Bucharest, Centre of Organic Chemistry Bucharest, and “Petru Poni” Institute of Macromolecular Chemistry Iasi) and he advised and supported the organization of several other NMR laboratories in Romania, France and Republic of Moldova. He acted as project director or coordinator for 19 national research grants and two European projects, and he was member of several research teams.

**PUBLICATIONS ([www.researcherid.com/rid/G-7446-2011](http://www.researcherid.com/rid/G-7446-2011)):**

Co-author of over 130 peer reviewed scientific papers, one patent, 7 book chapters.

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**AWARDS:**

“Costin D. Nenitescu” Medal of the Romanian Chemical Society for “exceptional merits in the advancement of chemistry in Romania” (2009).

**MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

Founding member of the *Romanian Society for Magnetic Resonance in Medicine* (he also served as Vice-President between 2006-2009). Founding member of the *Romanian Chapter of the International Society for Magnetic Resonance in Medicine*. Founding member of the *Romanian Chapter of the American Chemical Society* (co-chairman since 2012). Member of the *Romanian Chemical Society* (since 1992), *Romanian Society for Pure and Applied Biophysics* (since 1996), *European Society for Magnetic Resonance in Medicine and Biology* (since 1996), *International Society for Magnetic Resonance in Medicine* (since 1998), *American Chemical Society* (since 2008).

## List of Publications

### Book chapters

1. C. Deleanu, A. Hirtopeanu, M. T. Caproiu and C. N. G. Scotter, "Recent Developments in EC Research in Application of NMR Spectroscopy to Food Chemistry", in: "*Contributions to Spectroscopic Based Food Research from Central and Eastern European Participants*", (Ed. C. N. G. Scotter), Commission of the European Communities, Brussels, 1994, ISBN: 0 9523455 9 5, Printed by E. P. Lowe Limited, Broadway, UK, pp. 48 - 52. (**Capitol în carte**)
2. C. Deleanu, C. Enache, M. T. Caproiu, G. Cornilescu and A. Hirtopeanu, "Methyl Esters of Fatty Acids. Model Compounds for Assignment of Signals in High Resolution NMR Spectra of Edible Oils", in: "*Contributions to Spectroscopic Based Food Research from Central and Eastern European Participants*", (Ed. C. N. G. Scotter), Commission of the European Communities, Brussels, 1994, ISBN: 0 9523455 9 5, Printed by E. P. Lowe Limited, Broadway, UK, pp. 53 - 64. (**Capitol în carte**)
3. C. Deleanu, M. T. Caproiu, G. Cornilescu, C. Enache and A. Hirtopeanu, "Applications of High Field High Resolution Nuclear Magnetic Resonance Spectroscopy to the Authentication of Edible Oils", in: "*Food Authentication by Spectroscopic Techniques*" (Eds. M. Lees and C. N. G. Scotter), Commission of the European Communities, Brussels, 1994, ISBN: 0 9523455 6 0, Printed by E. P. Lowe Limited, Broadway, UK, pp. 29 - 38. (**Capitol în carte**)
4. C. Deleanu, A. Hirtopeanu and D. Rutledge, "State-of-the-art in High Resolution NMR Instrumentation", in: "*State-of-the-art in Spectroscopic Instrumentation*" (Eds. R. Wilson and C. N. G. Scotter), Commission of the European Communities, Brussels, 1994, ISBN: 0 9523455 7 9, Printed by E. P. Lowe Limited, Broadway, UK, pp. 56 - 74. (**Capitol în carte**)
5. C. Deleanu, A. Bara and L. Lazar, "Magnetic Resonance Spectroscopy and Cancer Research in Romania", in "*EUROSPIN Annual 1995-1996*", (Eds. F. Podo, W. M. M. J. Bovée, J. D. de Certaines, O. Henriksen, M. O. Leach and D. Leibfritz), Istituto Superiore di Sanità, Rome, 1996. ISBN: 88-900028-2-4, pp. 397 - 406. (**Capitol în carte**)
6. C. Deleanu and J. R. J. Paré, "Nuclear Magnetic Resonance Spectroscopy (NMR): Principles and Applications", in "*Instrumental Methods in Food Analysis*" (Eds. J. R. J. Paré and J. M. R. Bélanger), Elsevier, Amsterdam, Lausanne, New York, Oxford, Shannon, Tokyo, 1997. ISBN: 0-444-81868-5, Chapter 6, pp. 179 - 237. (**Capitol în carte**)
7. E. Kovacs, T. Savopol, O. Doaga, R. Pologea-Moraru, M. Radu and C. Deleanu, "Biofizica si biotehnologie celulara. Metode de cercetare", (Editor E. Kovacs), 119 pages. Ed. Universitara "Carol Davila", Bucuresti, 2002. ISBN: 973-8047-67-6. (**Carte**)
8. C. Deleanu, "Nuclear Magnetic Resonance Spectroscopy Applications. Food", in "*Encyclopedia of Analytical Science*", 2<sup>nd</sup> Edn, (P. J. Worsfold, A. Townshend, and C. F. Poole, Eds.), Elsevier, Oxford, 2005. ISBN: 0-12-764100-9, Volume 6, pp. 303 - 315. (**Capitol în carte**)

## Patents

1. Gh. Voiculescu, L. Pintilie, A. Bucur, M. Sureiman, D. Dobrovolski, M.T. Caproiu, and C. Deleanu, “Derivati chinolonici cu actiune antimicrobiana si antivirala si procedee de obtinere”, *Rom. Patent*, 114964 B, **1999**.

## ISI Published papers (only ISI journals are listed)

### Metrics for National standards evaluation:

(Valori privind îndeplinirea criteriilor minimale)

**Cumulative IF** – Factor de impact cumulat 121,88

**Principal Author AP** – Autor principal (Prim autor / Autor corespondent): 15

**RInt** – Revistă Internațională: 59

**Number of Citations without self-citations NC** – Număr citări (fără autocitări): 542

**Total Number of citations NTC** – Număr total de citări (include autocitările): 679

**Nmber of self-ctations NA** – Număr autocitări: 137

1. A. T. Balaban and C. Deleanu, “Chemical Graphs. Valence Isomers of [14] Annulene”, *Rev. Roum. Chim.*, **1987**, 32 (3), 271 - 294. (**IF2012: 0.331**)
2. M. Elian, C. Deleanu and S. Rosca, “From Camphor to Bis-[3-(trifluoroacetyl)camphorato] barium in a One Step Synthesis”, *Rev. Roum. Chim.*, **1990**, 35 (3), 299 - 303. (**IF2012: 0.331**)
3. C. Deleanu and A. T. Balaban, “Benzo- and Polybenzo- Derivatives of Valence Isomers of [12] Annulene”, *Rev. Roum. Chim.*, **1990**, 35 (3), 349 - 391. (**IF2012: 0.331, AP**)
4. C. Uncuta, I. Paun, A. Ghitescu, C. Deleanu, T. -S. Balaban, F. Chiraleu, M. D. Gheorghiu and A. T. Balaban, “Stereoisomerism Due to Restricted Rotation in *N*-Substituted-2,6-di-*o*-tolylpyridinium Cations. A Molecular Design Enabling Unambiguous Identification of Isomers”, *Tetrahedron Lett.*, **1990**, 5645 - 5648. (**IF2012: 2.397, RInt**)
5. T. S. Balaban, I. Tamasan and C. Deleanu, “Pyrilium - Mediated Synthesis of *N*-(Benzyloxy)pyridinium Salts”, *Liebigs Ann. Chem.* **1992**, 173 - 175. (Since 1998 name changed to: *Eur. J. Org. Chem.*, **IF2012: 3.344, RInt**)
6. M. Bogatian, C. Deleanu, G. Mihai and T. -S. Balaban, “Pyrilium Salts With Long Alkyl Substituents. 2,4-Dimethyl-6-undecylpyrylium Perchlorate and Derived Pyridinium Salts”, *Z. Naturforsch.*, **1992**, 47 b, 1011 - 1015. (**IF2012: 0.899, RInt**)

7. **C. Deleanu**, A. Hirtopeanu, M. T. Caproiu and C. Scotter, "Evolutii recente in programele de cercetare ale Comunitatii Europene privind Aplicatii ale spectroscopiei RMN in chimia alimentara", *Rev. Chim. (Bucharest)*, **1993**, *44* (11), 941 - 944. **(IF2012: 0.538, AP)**
8. I. Ionica, **C. Deleanu**, P. Filip and I. G. Dinulescu, "On the Addition of Bromine to Dibenzobicyclo[2.2.2]octatriene", *Rev. Roum. Chim.*, **1993**, *38* (6), 683 - 686. **(IF2012: 0.331)**
9. **C. Deleanu**, C. Enache, M. T. Caproiu, G. Cornilescu and A. Hirtopeanu, "Esteri metilici ai acizilor grasi. Compusi etalon pentru atributia semnalelor in spectrele RMN de rezolutie inalta ale uleiurilor comestibile", *Rev. Chim. (Bucuresti)*, **1994**, *45* (12), 1046 - 1052. **(IF2012: 0.538, AP)**
10. M. -N. Lazarescu, **C. Deleanu**, M. -S. Ionescu, C. Craiu and M. Brezeanu, "Zinc Complex Compounds with 1-Triarylmethylimidazoles", *Rev. Roum. Chim.*, **1995**, *40* (1), 43 - 50. **(IF2012: 0.331)**
11. M. Bogatian, G. Mihai, M. Plaveti, F. Chiraleu, **C. Deleanu**, V. Badescu and T. S. Balaban, "Prylium Salts with Long Alkyl Substituents. 2,4-Diundecyl-4-methylpyrylium Perchlorate and Derived Pyridinium Salts", *Rev. Roum. Chim.*, **1996**, *41* (11-12), 979-987. **(IF2012: 0.331)**
12. I. Schiketanz, D. Istrati, **C. Deleanu**, C. Draghici and A. T. Balaban, "Reaction of Prylium Salts with Nucleophiles. New Mono- and Bispyridinium Salts with a Central 2,5-diaryloxazole Group", *Collect. Czech. Chem. Commun.*, **1997**, *62*, 769-780. **(IF2012: 1.000, RInt)**
13. C. Uncuta, I. Paun, **C. Deleanu**, M. Plaveti, A. T. Balaban and C. Roussel, "Gear Effect in Pyridinium Salts", *New. J. Chem.*, **1997**, *21* (10), 1055 - 1065. **(IF2012: 2.966, RInt)**
14. I. Bally, C. Simion, M. D. Mazus, **C. Deleanu**, N. Popa and D. Bally, "The Molecular Structure of Some Urea Derivatives", *J. Molec. Struct.*, **1998**, *446* (1-2), 63 - 68. **(IF2012: 1.404, RInt)**
15. A. Gioaba and **C. Deleanu**, "Synthesis of 2,8-Dichlorophenoxaselenine and Some 10,10-Disubstituted Derivatives", *Rev. Roum. Chim.*, **1998**, *43* (2), 157 - 161. **(IF2012: 0.331)**
16. I. Tamasan, O. Maior, **C. Deleanu**, M. Dragos and D. Dobrovolschi, "Aldoxime O-substituite, produci cu actiune antifungica", *Rev. Chim. (Bucuresti)*, **1998**, *49* (8), 525 - 528. **(IF2012: 0.538)**
17. V. Kulcitki, N. Ungur, **C. Deleanu**, and P. F. Vlad, "Superacidic cyclization of  $\omega$ -hydroxygeraniol diacetate and  $\omega$ -hydroxygeraniol benzyl ether acetate" *Russ. Chem. Bull.*, **1999**, *48* (1), 136 - 138. **(IF2012: 0.423, RInt)**
18. P. F. Vlad, E. K. Gorincioi, M. N. Coltsa and **C. Deleanu**, "Synthesis of isodrimenin from drim-8-en-7-one", *Russ. Chem. Bull.*, **2000**, *49* (3), 546 - 548. **(IF2012: 0.423, RInt)**

19. S. I. Rosca, R. Stan, S. Rosca and C. Deleanu, "Complexarea stereoselectiva a compusilor aromatici prochirali. O noua metoda de sinteza pentru complexi crom-tricarbonil optic puri ai 1-fenilalchenelor orto-substituite.", *Rev. Chim. (Bucuresti)*, **2001**, 52 (4), 91 - 95. (IF2012: 0.538)
20. F. Potmischil, C. Deleanu, M. Marinescu and M.D. Gheorghiu, "Hydroacridines:  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of *sym*-octahydroacridine, its 9-(3-pyridyl) and 9-(4-pyridyl) derivatives and the corresponding N(10)-oxides. An experimental Approach to the diamagnetic anisotropy of the pyridine nucleus", *Magn. Reson. Chem.*, **2002**, 40 (3), 237 - 240. (IF2012: 1.528, RInt)
21. C. Deleanu, J. E. Drake, M. B. Hursthouse, M. Kulcsar, M. E. Light, and A. Silvestru, "Hypervalent selenium compounds containing N $\rightarrow$ Se intramolecular interactions: synthesis, characterization and X-ray structures of [2-(Me<sub>2</sub>NCH<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>]SeS<sub>9</sub>S)PR<sub>2</sub> (R = Ph, O<sup>i</sup>Pr)", *Appl. Organomet. Chem.*, **2002**, 16, 1 - 7. (IF2012: 2.011, AP, RInt)
22. J. Gradinaru, A. Forni, V. Druta, S. Quinci, A. Britchi, C. Deleanu and N. Gerbeleu, "Ni (II) complexes with [N3O] Schiff-base ligands bearing S-methylisothiosemicarbazide unit: design, synthesis and structure", *Inorg. Chim. Acta.*, **2002**, 338, 169 - 181. (IF2012: 1.687, RInt)
23. L. Gaina, C. Cristea, I. A. Silberg, T. Lovasz, C. Deleanu, and S. Udrea, "Solvent effects in  $^1\text{H}$ -NMR spectrum of 3-formyl-10-methyl-phenothiazine", *Studia Universitatis Babes-Bolyai, Chemia*, **2002**, XLVII (1-2), 41 - 44. (IF2012: 0.089)
24. I. I. Mangalagiu, G. C. Mangalagiu, C. Deleanu, G. Drochioiu and M. G. Petrovanu, "4-Methylpyrimidinium ylides. 3+2 Dipolar cycloadditions to non-symmetrical substituted alkenes and alkynes", *Tetrahedron*, **2003**, 59 (1), 111 - 114. (IF2012: 2.803, RInt)
25. A. Jitianu, A. Britchi, C. Deleanu, V. Badescu and M. Zaharescu, "Comparative study of the sol-gel processes starting with different substituted Si-alkoxides", *J. Non-Crystalline Solids*, **2003**, 319, 263 - 279. (IF2012: 1.597, RInt)
26. M.-C. Buzas, N. Chira, C. Deleanu and S. Rosca, "Identification and quantitative measurement by  $^1\text{H}$ -NMR spectroscopy of several compounds present in Romanian wines", *Rev. Chim. (Bucuresti)*, **2003**, 54 (10), 831 - 833. (IF2012: 0.538)
27. L. Gaina, T. Lovasz, C. Castelia, I. A. Silberg, and C. Deleanu, "Synthesis and structural assignments of new long-chain alkyldioxy-bis-diphenylamines and phenothiazines", *Rev. Roum. Chim.*, **2003**, 48 (7), 549 - 554. (IF2012: 0.331)
28. M. V. Bogatian, C. Deleanu, S. Udrea, F. Chiraleu, M. Plaveti, M. G. Danila, G. Bogatian, and T. S. Balaban, "Long chain pyridinium salts with a 4-phenyl group as amphiphiles for potential nonviral gene delivery", *Rev. Roum. Chim.*, **2003**, 48 (9), 717 - 722. (IF2012: 0.331)

29. C. A. Simion, C. Postolache, C. Deleanu, I. Chirtoc, C. M. Barna, I. Bally, and A. T. Balaban, "Synthesis of *N*-[1-<sup>13</sup>C]caproyl-*N'*-phenylthiourea", *J. Label. Compd. Radiopharm.* **2004**, *47*, 719 - 722. (IF2012: 1.240, RInt)
30. C. Moldovan, C. Cristea, I. A. Silberg, A. Mahamoud, C. Deleanu, and J. Barbe, "A convenient route to 1,4-dihydro-3-cyano-10-methyl-pyrido[3,2-g]-quinoline derivatives as key-intermediates for the synthesis of novel MDR reversal agents", *Heterocyclic Commun.*, **2004**, *10* (1), 19 – 24. (IF2012: 0.522, RInt)
31. A. A. Panasenکو, E. C. Gorincioi A. N. Aricu, E. A. Barcari, K. Deleanu, and P. F. Vlad, "<sup>1</sup>H and <sup>13</sup>C NMR spectra of some drimanic sesquiterpenoids", *Russ. Chem. Bull., Int. Edn.*, **2004**, *53*, (12), 2700 – 2705. (IF2012: 0.423, RInt)
32. C. Moldovan, C. Cristea, I. A. Silberg, A. Mahamoud, C. Deleanu, J. Barbe, "Reactions of the 3-cyano-10-methyl-pyrido[3,2-g]quinolin-4-one", *Studia Universitatis Babeş-Bolyai, Chemia*, **2004**, (2), 117-122. (IF2012: 0.089)
33. R. A. Varga, C. Silvestru, and C. Deleanu, "Synthesis, solution behaviour and X-ray structures of [2-(Me<sub>2</sub>NCH<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>]SnCl<sub>3</sub> and [2-(Me<sub>2</sub>NCH<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>]SnCl<sub>3</sub>·DMSO", *Appl. Organometal. Chem.* **2005**; *19* (1), 153–160. (IF2012: 2.011, RInt)
34. M. V. Bogatian, V. Cimpeanu, C. Deleanu, A. C. Corbu, G. Bogatian, T. S. Balaban, "Pyridinium chlorides equipped with long chains as amphiphiles for potential nonviral gene delivery", *ARKIVOC*, **2005** (10), 272 – 284. (IF2012: 1.057, RInt)
35. P. F. Vlad, K. I. Kuchkova, A. N. Aryku, K. Deleanu, "Efficient synthesis of onoceranediol from 12-hydroxy-8 $\alpha$ ,12-epoxy-11-bishomodrimane", *Russ. Chem. Bull., Int. Edn.*, **2005**, *54*, (11), 2656 – 2658. (IF2012: 0.423, RInt)
36. S. -A. Garea, A. C. Corbu, C. Deleanu, and H. Iovu, "Determination of the epoxide equivalent weight (EEW) of epoxy resins with different chemical structure and functionality using GPC and <sup>1</sup>H-NMR", *Polymer Testing*, **2006**, *25*, 107 – 113. (IF2012: 1.646, RInt)
37. P. F. Vlad, A. G. Ciocarlan, M. N. Coltsa, C. Deleanu, O. Costan, Y. A. Simonov, Y. A. Simonov, V. Ch. Kravtsov, J. Lipkovski, T. Lis, and A. de Groot, "Photodegradation of some 14,15-bisnorlabdene-13-ones, derived from larixol. Synthesis of drimanic dienes with functional groups at C-6", *Tetrahedron*, **2006**, *62*, 8489 – 8497. (IF2012: 2.803, RInt)
38. M. V. Bogatian, D. Simion (Nuta), A. C. Corbu, C. Deleanu, F. Chiraleu, M. Maganu, and G. Bogatian, "Synthetic membranes derived from pyridinium salts with long alkyl substituents having a terminal free amino group", *Rev. Roum. Chim.*, **2006**, *51* (4), 273 – 281. (IF2012: 0.331)

39. M.-C. Todașcă, S. Zarbock-Udrea, C. Deleanu, S. Roșca, "Rhubarb's (Rheum rhabarbarum) stalk study through  $^1\text{H-NMR}$  spectroscopy method", *Rev. Chim. (Bucharest)*, **2006**, 57 (10), 1019-1021. (IF2012: 0.538)
40. M. V. Bogățian, G. Bogățian, S. Udrea, A. C. Corbu, F. Chiraleu, M. Maganu, C. Deleanu, "Pyridines with long alkyl substituents as ligands in oligomerization of isoprene", *Rev. Roum. Chim.*, **2006**, 51 (7-8), 735 – 741. (IF2012: 0.331)
41. P.F. Vlad, M.N. Coltsa, A.N. Aricu, A.G. Ciocarlan, E.C. Gorincioi, C.G. Edu, C. Deleanu, "Photooxidative dehydrogenation of Delta(8)-drimen- and Delta(8)-11-homodrimen-7-ones into alpha,alpha'-dienones", *Russ. Chem. Bull.*, **2006**, 55, (4), 703-707. (IF2012: 0.423, RInt)
42. C. Ciurtin, A. Nicolescu, L.-I. Stefan, E. Kovacs, I. C. P. Smith, C. Deleanu, "Metabolic profiling of urine by  $^1\text{H-NMR}$  spectroscopy. A critical assessment of interpreting metabolite concentrations for normal and diabetes groups", *Rev. Chim. (Bucharest)*, **2007**, 52 (1), 51 – 55. (IF2012: 0.538, AP)
43. S.-A. Gârea, H. Iovu, A. Nicolescu, C. Deleanu, "Thermal polymerization of benzoxazine monomers followed by GPC, FTIR and DETA", *Polymer Testing*, **2007**, 26, (2), 162-171. (IF2012: 1.646, RInt)
44. L. Găină, C. Cristea, C. Moldovan, D. Porumb, E. Surducun, C. Deleanu, A. Mahamoud, J. Barbe and I. A. Silberg, "Microwave-Assisted Synthesis of Phenothiazine and Quinoline Derivatives", *Int. J. Mol. Sci.* **2007**, 8, 70-80. (IF2012: 2.464, RInt)
45. F. Potmischil, H. Duddeck, A. Nicolescu, C. Deleanu, "Saturated amine oxides: Hydroacridines. Effects of *N*-oxidation and of *N*-quaternization on the  $^{15}\text{N}$  NMR chemical shifts of *N*-methylpiperidine-derived mon-, bi- and tricycloaliphatic tertiary amines", *Magn. Reson. Chem.*, **2007**, 45, (3), 231-235. (IF2012: 1.528, RInt)
46. A. Jitianu, A. Britchi, V. Badescu, C. Deleanu, M. Zaharescu, "Influence of the alkoxy group of the Si-alkoxides on the sol-gel process and on the structure of the obtained gels", *Rev. Roum. Chim.*, **2007**, 52 (1-2), 93-99. (ISI IF2005 at publication date 0.226). (IF2012: 0.331)
47. M. V. Bogățian, A. C. Corbu, C. Deleanu, M. Maganu, G. Bogățian, "Pyrylium salts with long alkyl substituents heaving a terminal free amino group. Corrosion inhibitors derived from corresponding pyridinium salts", *Rev. Roum. Chim.*, **2007**, 52 (1-2), 181-187. (IF2012: 0.331)
48. M. Kulcsar, A. Beleaga, C. Silvestru, A. Nicolescu, C. Deleanu, C. Todasca, A. Silvestru, "Solid state structure and solution behaviour of organoselenium(II) compounds containing 2-{X(CH<sub>2</sub>CH<sub>2</sub>)<sub>2</sub>NCH<sub>2</sub>}C<sub>6</sub>H<sub>4</sub> groups (X = O, NMe)", *J. Chem. Soc. Dalton Trans.*, **2007**, 2187 – 2196. (IF2012: 3.806, RInt)

49. M. Grinko, V. Kulcitki, N. Ungur, A. Barba, K. Delyanu, P. F. Vlad, "Synthesis from geraniol of (2E,6E,10E,14E)-16-hydroxygeranylgeraniol and some of its derivatives", *Chem. Natural Comp.*, **2007**, *43* (3), 277 – 281. (IF2012: 0.599, RInt)
50. M. V. Bogățian, M. Vînătoru, G. Bogățian, D. Nuță, F. Chiraleu, V. Câmpeanu, C. Deleanu, "Pyrylium salts with long alkyl substituents and derived pyridinium salts having a terminal free amino group", *Rev. Roum. Chim.*, **2007**, *52* (8-9), 899 – 904. (IF2012: 0.331)
51. F. Potmischil, M. Marinescu, A. Nicolescu, C. Deleanu, M. Hillebrand, "Hydroacridines: 15N NMR chemical shifts of 9-substituted 1,2,3,4,5,6,7,8-octahydroacridines and their N-oxides. Taft, Swain-Lupton and other types of linear correlations", *Magn. Reson. Chem.*, **2008**, *46* (12), 1141 – 1147. (IF2012: 1.528, RInt)
52. M. V. Bogățian, A. Hirtopeanu, A. Nicolescu, F. Chiraleu, M. Maganu, M. Vînătoru, D. Simon, C. Deleanu, "Pyrylium salts with long alkyl substituents and derived pyridinium salts", *Rev. Roum. Chim.*, **2008**, *53* (6), 431 – 437. (IF2012: 0.331)
53. M.-C. Todașcă, N. Chira, M. Avramescu, A. Rubeli, C. Deleanu, S. Rosca, "Study of compositional changes in must during fermentation process using proton nuclear magnetic resonance spectroscopy", *Rev. Chim. (Bucharest)*, **2008**, *59* (10), 1101 – 1105. (IF2012: 0.538)
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