2020 - 4

Bis-(imidazole/benzimidazole)-pyridine derivatives: Synthesis, structure and antimycobacterial activity
Antoci Vasilichia¹, Cucu Dumitrela¹, Zbancio Gheorghita N.¹, Moldoveanu Costel¹, Mangalagiu Violeta², Amăriucă-Mantu Dorina¹, Aricu Aculina³, Mangalagiu Ionel¹

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Future Medicinal Chemistry
Nr. 3(12) / 2020 / ISSN 1756-8919 / ISSNe 1756-8927
Disponibil online 6 March, 2020. Descarcări-0. Vizualizări-150

Elemental analysis of Lamiaceae medicinal and aromatic plants growing in the Republic of Moldova using neutron activation analysis
Zinicovscaia Inga¹²³, Gundorina Svetlana¹, Vergel Konstantin¹, Grozdov D.¹, Ciocarlan Alexandru², Aricu Aculina³, Dragalin Ion², Ciocarlan Nina³

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³ Horia Hulubei National Institute for Physics and Nuclear Engineering, (IFIN-HH),
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Phytochemistry Letters
Nr. 35 / 2020 / ISSN 1874-3900
Disponibil online 3 December, 2019. Descarcări-0. Vizualizări-222

Synthesis and Evaluation of Biological Activity of Homodrimane Sesquiterpenoids Bearing 1,3,4-Oxadiazole or 1,3,4-Thiadiazole Units
Lungu Lidia¹, Ciocarlan Alexandru¹, Ţmigon Crina¹, Ilker Ozer¹, Shova Sergiu¹², Guţu Iacob³, Vornicu Nicoleta⁴, Mangalagiu Ionel I.¹, Ambrosio Michele⁶, Aricu Aculina¹

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Chemistry of Heterocyclic Compounds
Nr. 5(56) / 2020 / ISSN 0009-3122 / ISSNe 1573-8353
Disponibil online 7 July, 2020. Descarcări-0. Vizualizări-137
2019 - 11

Chemical analysis of Tanacetum corymbosum (L.) Sch. Bip. using neutron activation analysis
Zinicovscaia Inga123, Ciocarlan Alexandru1, Lupascu Lucian1, Aricu Aculina1, Dragalin Ion2, Ciocarlan Nina4, Yushin Nikita2

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Journal of Radioanalytical and Nuclear Chemistry
Nr. 1(321) / 2019 / ISSN 0236-5731
Disponibil online 28 June, 2019. Descarcări-0. Vizualizări-225

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Synthesis and characterization of new copper(II) complex with drimane thiosemicarbazone ligands
Blaja Svetlana, Lungu Lidia, Ciocarlan Alexandru, Shova Sergiu, Aricu Aculina
Institute of Chemistry
Achievements and perspectives of modern chemistry
Nr. 5(0) / 2007 / ISSN 1857-2103 / ISSNe 2345-1025
Disponibil online 11 November, 2019. Descarcări-0. Vizualizări-173

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Synthesis and Evaluation of Biological Activity of Homodrimane Sesquiterpenoids Bearing Hydrazinecarbothioamide or 1,2,4-Triazole Unit
Lungu Lidia1, Ciocarlan Alexandru1, Barba Alic1, Shova Sergiu12, Pogrebnoi Serghei1, Mangalagiu Ionel1, Moldoveanu Costel1, Vornicu Nicoleta1, Ambrosio Michele3, Babak Maria V.6, Arion Vladimir7, Aricu Aculina1

1 Institute of Chemistry,
2 “Petru Poni” Institute of Macromolecular Chemistry,
3 „Alexandru Ioan Cuza” University, Iasi,
4 Metropolitan Center of Research TABOR, The Metropolitanate of Moldavia and Bukovina,
5 Universitatea din Trento,
6 National University of Singapore,
7 University of Vienna

Chemistry of Heterocyclic Compounds
Nr. 8(55) / 2019 / ISSN 0009-3122 / ISSNe 1573-8353
Disponibil online 1 November, 2019. Descarcări-0. Vizualizări-262

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Synthesis of new active nitrogen and sulfur containing norlabdanic compounds
Lungu Lidia1, Blaja Svetlana1, Ciocarlan Alexandru1, Ilker Ozer1, Aricu Aculina1, Vornicu Nicoleta2

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Achievements and perspectives of modern chemistry
Nr. 5(0) / 2007 / ISSN 1857-2103 / ISSNe 2345-1025
Disponibil online 11 November, 2019. Descarcări-0. Vizualizări-151

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Synthesis of new potential active homodrimane sesquiterpenoids with 1,3,4-thiadiazole units
Lungu Lidia, Ciocarlan Alexandru, Aricu Aculina, Ilker Ozer, Barba Alic
Synthesis of some new drimane compounds with 1,3,4-oxadiazole fragment
Aricu Aculina, Secara Elena, Kuchkova Kaleria, Barba Alic, Dragalin Ion, Ungur Nicon
Institute of Chemistry

Synthesis of some new homodrimane sesquiterpenoids with 1,3,4-oxadiazole fragment
Aricu Aculina, Kuchkova Kaleria, Secara Elena, Barba Alic, Dragalin Ion, Ungur Nicon
Institute of Chemistry

Synthesis, structural elucidation and biological evaluations of new guanidine-containing terpenoids as anticancer agents
Duca Gheorghe¹, Aricu Aculina¹, Kuchkova Kaleria¹, Secara Elena¹, Barba Alic¹, Dragalin Ion¹, Ungur Nicon¹, Spengler Gabriella²
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² University of Szeged

The institute of chemistry at 60 years anniversary. brief history, achievements and perspectives
Aricu Aculina, Nastas Raisa, Cocu Maria
Institute of Chemistry

The institute of chemistry at 60 years’ anniversary. Brief history, achievements and perspectives
Aricu Aculina
Institute of Chemistry
The use of some non-conventional methods in chemistry of bicyclohomofarnesenic methyl esters
Lungu Lidia¹, Ciocarlan Alexandru¹, Aricu Aculina¹, Bîrca Natalia²

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Achievements and perspectives of modern chemistry
Nr. 5(0) / 2007 / ISSN 1857-2103 / ISSNe 2345-1025
Disponibil online 4 November, 2019. Descarcări-1. Vizualizări-129

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2018 - 10

Antimicrobial activity of some newhomodrimane sesquiterpenoids bearing 1,3,4-oxadiazole units
Ciocarlan Alexandru¹, Lungu Lidia¹, Aricu Aculina¹, Ilker Ozer¹, Vornicu Nicoleta²

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Romanian Chemistry Conference
Nr. 3(0) / 2004 / ISSN 1810-3936
Disponibil online 20 June, 2020. Descarcări-0. Vizualizări-102

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Chemical composition and antimicrobial activity of the Levisticum officinale W.D.J. koch essential oil
Ciocarlan Alexandru¹, Dragalin Ion¹, Aricu Aculina¹, Lupasă Lucian¹, Ciocarlan Nina², Popescu Violeta³

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Chemistry Journal of Moldova
Nr. 2(13) / 2018 / ISSN 1857-1727 / ISSNe 2345-1688
Disponibil online 24 December, 2018. Descarcări-22. Vizualizări-340

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Chromatographic analysis of Silybum marianum (L.) gaertn. fatty oil
Ciocarlan Alexandru¹, Dragalin Ion¹, Aricu Aculina¹, Ciocarlan Nina², Stavarache Cristina³, Deleanu Mariana⁴

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² Botanical Garden (Institute) of the Academy of Sciences of Moldova ,
³ “C.D. Nenitzescu” Centre of Organic Chemistry, Romanian Academy,
⁴ University of Agronomical Sciences and Veterinary Medicine Bucharest

Chemistry Journal of Moldova
Nr. 1(13) / 2018 / ISSN 1857-1727 / ISSNe 2345-1688
Disponibil online 7 July, 2018. Descarcări-2. Vizualizări-256

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Synthesis and Structure of Drimane Sesquiterpenoids Containing Pyrimidine, Pyrazine, 1,2,4-triazole, and Carbazole Rings
Aricu Aculina¹, Kuchkova Kaleria¹, Secara Elena¹, Barba Alic¹, Dragalin Ion¹, Ungur Nicon¹, Melnic Elena², Kravtsov Victor²

¹ Institute of Chemistry of the Academy of Sciences of Moldova,
Synthesis of new biological active tetranorlabdane compounds with 1,3,4-thiadiazole units

Lungu Lidia¹, Tenu Nadejda¹, Aricu Aculina¹, Barba Alic¹, Ciocarlan Alexandru¹, Vornicu Nicoleta²

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Romanian Chemistry Conference

Nr. 3(0) / 2004 / ISSN 1810-3936

Disponibil online 19 June, 2020. Descarcări-0. Vizualizări-66

Synthesis of new homodrimane sesquiterpenoids containing diazine, 1,2,4-triazole and carbazole rings

Duca Gheorghe¹, Aricu Aculina¹², Lungu Lidia¹, Tenu Nadejda¹, Ciocarlan Alexandru¹, Guțu Iacob¹, Dragalin Ion¹, Barba Alic¹

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Chemistry Journal of Moldova

Nr. 1(13) / 2018 / ISSN 1857-1727 / ISSNe 2345-1688

Disponibil online 7 July, 2018. Descarcări-5. Vizualizări-299

Synthesis of new potential active trinorlabdane compounds with 1,3-thiazole units

Blaja Svetlana, Lungu Lidia, Aricu Aculina, Ciocarlan Alexandru

Institute of Chemistry

Romanian Chemistry Conference

Nr. 3(0) / 2004 / ISSN 1810-3936

Disponibil online 19 June, 2020. Descarcări-0. Vizualizări-37

Synthesis of some new homodrimane sesquiterpenoids with 1,3,4-oxadiazole fragment

Aricu Aculina, Kuchkova Kaleria, Secara Elena, Barba Alic, Dragalin Ion, Ungur Nicon

Institute of Chemistry

Romanian Chemistry Conference

Nr. 3(0) / 2004 / ISSN 1810-3936

Disponibil online 20 June, 2020. Descarcări-0. Vizualizări-78

Synthesis, structure and antimicrobial activity of new homodrimane sesquiterpenoids with oxa- and thiadiazole units

Aricu Aculina¹, Lungu Lidia¹, Ciocarlan Alexandru¹, Barba Alic¹, Vornicu Nicoleta², Mangalagiu Ionel³

¹ Institute of Chemistry, ² Metropolitan Center of Research TABOR, The Metropolitanate of Moldavia and Bukovina, ³ „Alexandru Ioan Cuza” University, Iasi

Romanian Chemistry Conference
**Synthesis, structure and antimicrobial activity of new homodrimane sesquiterpenoids with oxa- and thiadiazole units**

Aricu Aculina¹, Lungu Lidia¹, Ciocarlan Alexandru¹, Barba Alic¹, Vornicu Nicoleta², Mangalagiu Ionel³

¹ Institute of Chemistry,
² Metropolitan Center of Research TABOR, The Metropolitanate of Moldavia and Bukovina,
³ „Alexandru Ioan Cuza” University, Iași

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**Chemical composition of the essential oil from Satureja Subspicata l. Growing in Moldova**

Dragalin Ion¹, Aricu Aculina¹, Ciocarlan Nina², Ciocarlan Alexandru¹, Codita Victoria¹

¹ Institute of Chemistry of the Academy of Sciences of Moldova,
² Botanical Garden (Institute) of the Academy of Sciences of Moldova,
³ Moldova Tiraspol State University

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**Microwave assisted synthesis of some new tetranorlabdane compounds and their biological activity**

Șmigon Crina¹², Lungu Lidia¹², Aricu Aculina¹², Vornicu Nicoleta³

¹ Institute of Chemistry of the Academy of Sciences of Moldova,
² University of the Academy of Sciences of Moldova,
³ Metropolitan Center of Research TABOR, The Metropolitanate of Moldavia and Bukovina

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**Photochemical Reactions as Key Steps in Synthesis of Norlabdanes**

Ciocarlan Alexandru¹², Aricu Aculina¹, Lungu Lidia¹

¹ Institute of Chemistry of the Academy of Sciences of Moldova,
² Moldova Tiraspol State University

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**Synthesis and Applications of New Nitrogen-containing Drimane and Homodrimane Compounds**

Aricu Aculina, Kuchkova Kaleria, Lungu Lidia, Ciocarlan Alexandru, Secara Elena

Institute of Chemistry of the Academy of Sciences of Moldova

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Synthesis and applications of tetranorlabdane compounds with heterocyclic units

Aricu Aculina

Institute of Chemistry of the Academy of Sciences of Moldova

Ecological and environmental chemistry 2017The 6th International Conference

Nr. 6(30) / 2006 / ISSN 1810-9551

Disponibil online 18 March, 2019. Descarcări-0. Vizualizări-131

Synthesis of iso-Drimenoic Acid Amides with Diazine Units from Norambreinolide

Aricu Aculina, Kuchkova Kaleria, Secara Elena, Barba Alic, Dragalin Ion, Vlad Pavel

Institute of Chemistry of the Academy of Sciences of Moldova

Conference on Chemistry and Chemical Engineering RICCCE 2017

Nr. 3-4 / 2009 / ISSN 1857-3711

Disponibil online 1 August, 2020. Descarcări-1. Vizualizări-25

Synthesis of n-(iso-drimenoylamino) carbazole from norambreinolide

Aricu Aculina, Kuchkova Kaleria, Secara Elena, Barba Alic, Dragalin Ion, Vlad Pavel

Institute of Chemistry of the Academy of Sciences of Moldova

Ecological and environmental chemistry 2017The 6th International Conference

Nr. 6(30) / 2006 / ISSN 1810-9551

Disponibil online 18 March, 2019. Descarcări-0. Vizualizări-188

Synthesis of new biologically active polyfunctional terpenoids based on industrial wastes

Aricu Aculina, Lungu Lidia, Ciocarlan Alexandru, Barba Alic, Dragancea Diana

Institute of Chemistry of the Academy of Sciences of Moldova

Ecological and environmental chemistry 2017The 6th International Conference

Nr. 6(30) / 2006 / ISSN 1810-9551

Disponibil online 15 March, 2019. Descarcări-3. Vizualizări-208

Synthesis of New Potential Biologically Active Tetra- and Pentanorlabdane Compounds with 1,3-Thiazole Units

Lungu Lidia, Aricu Aculina, Blaja Svetlana, Ciocarlan Alexandru, Barba Alic

Institute of Chemistry of the Academy of Sciences of Moldova

Conference on Chemistry and Chemical Engineering RICCCE 2017

Nr. 3-4 / 2009 / ISSN 1857-3711

Disponibil online 1 August, 2020. Descarcări-0. Vizualizări-22

2016 - 5

GC-MS analysis of the essential oil of satureja subspicata bartl. ex vis. of moldovan origin

Dragalin Ion¹, Aricu Aculina¹, Ciocarlan Nina², Ciocarlan Alexandru¹³, Codita Victoria¹³

¹ Institute of Chemistry of the Academy of Sciences of Moldova,
² Botanical Garden (Institute) of the Academy of Sciences of Moldova,
³ Moldova Tiraspol State University
In memory of academician of Academy of Sciences of Moldova professor Constantin Turta
New antifungal and antibacterial activities of lagochilin and its derivatives

Ciocarlan Alexandru¹, Stroncea Magdalena¹, Aricu Aculina¹, Lungu Lidia¹, Vornicu Nicoleta², Ambrosio Michele³

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² Metropolitan Center of Research TABOR, The Metropolitanate of Moldavia and Bukovina,  
³ Universitatea din Trento

Physical Methods in Coordination and Supramolecular Chemistry

Synthesis of Δ8,9-bicyclohomofarnezenic acid hydrazide from norambreinolide

Aricu Aculina, Kuchkova Kaleria, Barba Alic, Gorincioi Elena, Dragalin Ion, Ungur Nicon, Vlad Pavel

Physical Methods in Coordination and Supramolecular Chemistry

Synthesis of 11-dihomodriman-8α-ol-12-one derivatives with azine and hydrazide fragments

Aricu Aculina, Kuchkova Kaleria, Barba Alic, Gorincioi Elena, Dragalin Ion, Ungur Nicon, Vlad Pavel

Physical Methods in Coordination and Supramolecular Chemistry

Synthesis, biological activity and X-ray analysis of 11,12-p-tolyl-pyridazonyl-drim-5(6),8(9)-en-7-one

Lungu Lidia¹, Aricu Acu1ina¹, Ciocarlan Alexandru¹, Shova Sergiu¹, Zbancioc Gheorghita N.², Mangalagiu Ionel³, Vornicu Nicoleta³

¹ Institute of Chemistry,  
² „Alexandru Ioan Cuza” University, Iasi,  
³ Metropolitan Center of Research TABOR, The Metropolitanate of Moldavia and Bukovina

Physical Methods in Coordination and Supramolecular Chemistry

Using of new hybrid compounds with terpenoid and azaheterocyclic skeleton to increase antioxidant activity of the Nostoc Linckia

Rudic Valeriu¹, Aricu Acu1ina², Kuchkova Kaleria², Cepoi Liliana¹, Rudi Ludmila¹, Codreanu Svetlana¹, Secara Elena², Valuţă Ana¹, Barba Alic², Miscu Vera¹, Vlad Pavel², Chiriac Tatiana¹
2014 - 10

Crystal structures of 2-(Δ8,13-bicyclohomofarnezenoyl)-3-amino-1,2,4-triazole and N-(Δ8,13-bicyclohomofarnezenoylamino)-carbazole

Kuchkova Kaleria¹, Aricu Aculina¹, Secara Elena¹, Melnic Elena², Kravtsov Victor²

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² Institute of Applied Physics, Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

HPLC analysis of ursolic and oleanolic acids in some by-products

Ciocarlan Alexandru¹, Aricu Aculina¹, Fulga Ală¹, Ionete Roxana², Geana Irina², Ungur Nicon¹

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The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova

New antifungal and antibacterial nitrogen containing terpenes

Ciocarlan Alexandru¹, Aricu Aculina¹, Bîrîiac Andrei¹, Lungu Lidia¹, Nicolescu Alina Florica², Deleanu Călin³, Vornicu Nicoleta⁴

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³ “C.D. Nenitzescu” Centre of Organic Chemistry, Romanian Academy,
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The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova

Oportunități pentru dezvoltare: Institutul de Chimie la 55 de ani
Photochemical transformation of methyl bicyclohomofarnesoates

Ciocarlan Alexandru, Aricu Aculina, Bîrîiac Andrei, Lungu Lidia, Edu Carolina, Grinco Marina, Shova Sergiu

Institute of Chemistry of the Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 5 March, 2019. Descărâri-1. Vizualizări-176

Sinteza lactamelor homodrimanice prin transpoziția Beckmann

Secara Elena, Ciocârlan Alexandru, Aricu Aculina

Institutul de Chimie al AŞM

Tendințe contemporane ale dezvoltării științei: viziuni ale tinerilor cercetători

Nr. 2(6) / 2007 / ISSN 1810-648X / ISSN e 2537-6365

Disponibil online 8 February, 2019. Descărâri-1. Vizualizări-210

Synthesis of hybrid terpeno-azaheterocyclic compounds

Ciocarlan Alexandru¹, Aricu Aculina¹, Lungu Lidia¹, Barba Alic¹, Gorincioi Elena¹, Popescu Raluca², Zbancioc Gheorghita N.³, Dinca Oana², Moldoveanu Costel³, Mangalagiu Ionel³

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The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova

Nr. 3(54) / 2010 / ISSN 1561-4042

Disponibil online 21 January, 2019. Descărâri-1. Vizualizări-172

Synthesis of new homodrimanic dimers

Ciocarlan Alexandru, Aricu Aculina, Bîrîiac Andrei, Lungu Lidia, Edu Carolina, Gorincioi Elena, Barba Alic, Shova Sergiu

Institute of Chemistry of the Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 5 March, 2019. Descărâri-4. Vizualizări-150

Synthesis of some dihomodrimane and 14,15-dinorlabdane terpenoids with the amino-group

Kuchkova Kaleria, Aricu Aculina, Secara Elena, Barba Alic, Ungur Nicon, Vlad Pavel

Institute of Chemistry of the Academy of Sciences of Moldova

The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova
2012 - 1

(-)-Sclareol conversion in the Ritter’s reaction conditions
Kovaliskaia Svetlana¹, Kozlov Nicolai, Aricu Aculina¹, Kulciţki Veaceslav², Ungur Nicon²

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Chemistry Journal of Moldova
Nr. 2(7) / 2012 / ISSN 1857-1727 / ISSNe 2345-1688
Disponibil online 16 December, 2013. Descarcări-0. Vizualizări-537

2011 - 2

La cărma chimiei bioorganice Academicianul Pavel Vlad la 75 de ani
Duca Gheorghe¹, Furdui Teodor³, Lupaşcu Tudor², Aricu Aculina²

¹ Academia de Ştiinţe a Moldovei,
² Institutul de Chimie al AŞM
³ Revista de Ştiinţă, Inovare, Cultură şi Artă „Akademos”

Chemistry Journal of Moldova
Nr. 1(6) / 2011 / ISSN 1857-1727 / ISSNe 2345-1688
Disponibil online 29 November, 2013. Descarcări-1. Vizualizări-492

2010 - 1

Лучевая терапия как комбинированный метод лечения у больных с глиальными опухолями головного мозга
Cotoneţ Larisa, Aricu Aculina, Дамир Л., Chiriac Sofia

ПМСУ Институт Онкологии Молдовы

Chemistry Journal of Moldova
Nr. 2(21) / 2011 / ISSN 1857-0461
Disponibil online 16 December, 2013. Descarcări-1. Vizualizări-466

2009 - 2

Achievements of the Institute of Chemistry of the Academy of Sciences of Moldova at 50 years anniversary
Lupascu Tudor, Aricu Aculina, Vlad Pavel, Cocu Maria

Institute of Chemistry of the Academy of Sciences of Moldova
Drimenol – a valuable starting compound for the synthesis of drimanic sesquiterpenoids

Aricu Aculina

Institute of Chemistry of the Academy of Sciences of Moldova

Chemistry Journal of Moldova

Nr. 1(4) / 2009 / ISSN 1857-1727 / ISSNe 2345-1688
Disponibil online 7 December, 2013. Descarcări-0. Vizualizări-791

2008 - 2

Ab initio analysis of exchange interactions in \([\text{v}_2\text{O(bipy)}4\text{Cl}_2]^{2+}\) complex

Aricu Aculina

Institutul de Chimie al AŞM

Chemistry Journal of Moldova

Nr. 1(3) / 2008 / ISSN 1857-1727 / ISSNe 2345-1688
Disponibil online 15 December, 2013. Descarcări-0. Vizualizări-404

Synthesis and application of the 11-bishomodrimane-8α-ol-12-one

Aricu Aculina

Institute of Chemistry of the Academy of Sciences of Moldova

Chemistry Journal of Moldova

Nr. 2(3) / 2008 / ISSN 1857-1727 / ISSNe 2345-1688
Disponibil online 15 December, 2013. Descarcări-1. Vizualizări-411