

[Darii Mariana](#)

Articole în reviste din RM - 1. Publicații la conferințe din RM - 8. Publicații peste hotare - 6.
Publicații indexate în SCOPUS - 4. Teze/Rezumate în culegeri - 3.

2023 - 1



Multi-component cobalt(III) compounds with antiviral properties

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Natural sciences in the dialogue of generations

Nr. 4(198) / 2017 / ISSN 1811-0770 / ISSN_e 2587-411X

Disponibil online 19 October, 2023. Descarcări-4. Vizualizări-161

2022 - 3



Ab initio study of hexaammine cobalt(III) cations interaction with mono- dianions and neutral molecules in multi-component compounds

Chumakov Yurii, Darii Mariana, Nirca Ecaterina, Kravtsov Victor, Bourosh Pavlina, Bacal Svetlana

Institute of Applied Physics

Ecological and environmental chemistry - 2022

Nr. 2 / 2014 / ISSN 1857-4440 / ISSN_e 2587-3393

Disponibil online 3 March, 2022. Descarcări-12. Vizualizări-407

Crystalline multicomponent compounds involving hexaammine cobalt(III) cations

Darii Mariana¹, Nirca Ecaterina¹, Kravtsov Victor¹, Bourosh Pavlina¹, Chumakov Yurii¹, Hauser J², Decurtins Silvio², Liu Shi-Xia², Sultanova Olga³, Baca Svetlana¹

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New Journal of Chemistry

Nr. 23(46) / 2022 / ISSN 1144-0546

Disponibil online 18 November, 2022. Descarcări-0. Vizualizări-324

FeII/III and MnII complexes based on 2,4,6-tris(2-pyridyl)-triazine: synthesis, structures, magnetic and biological properties

Darii Mariana¹, Mikosch Annabel², Van Leusen Jan², Kravtsov Victor¹, Dvornina Elena³, Clapco Steliana³, Desyatnik A.³, Kogerler Paul², Baca Svetlana¹

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RSC Advances

Nr. 45(12) / 2022 / ISSN 2046-2069

Disponibil online 18 November, 2022. Descarcări-8. Vizualizări-322

2021 - 1



Crystalline multi-component compounds involving hexaammine cobalt(III) cations and their effects against plant pathogenic bacteria

Darii Mariana¹, Nirca Ecaterina¹, Kravtsov Victor¹, Bourosh Pavlina¹, Hauser J², Decurtins Silvio², Liu Shi-Xia², Sultanova Olga³, Baca Svetlana¹

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New trends and strategies in the chemistry of advanced materials with relevance in biological systems, technique and environmental protection

Nr. 1-2(37-38) / 2012 / ISSN 1810-6498 / ISSNe 2537-6349

Disponibil online 21 October, 2021. Descarcări-15. Vizualizări-445

2020 - 1

Aggregation of a Giant Bean-like {Mn₂₆Dy₆} Heterometallic Oxo-Hydroxo-Carboxylate Nanosized Cluster from a Hexanuclear {Mn₆} Precursor

Darii Mariana¹, Kravtsov Victor¹, Kramer Karl W², Hauser J², Decurtins Silvio², Liu Shi-Xia², Affronte M.³, Baca Svetlana¹

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Crystal Growth and Design

Nr. 1(20) / 2020 / ISSN 1528-7483

Disponibil online 12 March, 2020. Descarcări-0. Vizualizări-813

2019 - 4

A hexanuclear Mn(II, III) pivalate cluster with a {Mn₆O₂} core

Darii Mariana

Institute of Applied Physics

Moldavian Journal of the Physical Sciences

Nr. 1-4(18) / 2019 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 22 March, 2020. Descarcări-10. Vizualizări-654

Inhibiting effect of hexaammine-cobalt(III) trichloride bis(1,10-phenanthroline) on tumor growth in grapevine

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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-19. Vizualizări-899

Multiple component ionic complex [CoIII(NH3)6][CoII(H2O)4(3,5-Py(COO)2)2]Cl•3H2O with partial in situ reduction of cobalt(III)

Fonari Marina, Darii Mariana, Baca Svetlana, Kravtsov Victor

Institute of Applied Physics

Achievements and perspectives of modern chemistry

Nr. 5(0) / 2007 / ISSN 1857-2103 / ISSNe 2345-1025

Disponibil online 5 November, 2019. Descarcări-5. Vizualizări-782

Tetranuclear pivalate cluster with a {MnIII2GdIII2} CORE

Darii Mariana

Institute of Applied Physics

Achievements and perspectives of modern chemistry

Nr. 5(0) / 2007 / ISSN 1857-2103 / ISSNe 2345-1025

Disponibil online 5 November, 2019. Descarcări-5. Vizualizări-660

2018 - 2

Cluster tetranuclear heterometalic cu nucleul [Mn2Gd2]


Darii Mariana

Universitatea de Stat „Dimitrie Cantemir”

Tendințe contemporane ale dezvoltării științei: viziuni ale tinerilor cercetători

Nr. 3(51) / 2006 / ISSN 1813-8489

Disponibil online 11 July, 2018. Descarcări-5. Vizualizări-705

 **Incorporation of hexanuclear mn(II,III) carboxylate clusters with a {Mn6O2} core in polymeric structures**

Darii Mariana¹, Filippova Irina¹, Hauser J², Decurtins Silvio², Liu Shi-Xia², Kravtsov Victor¹, Baca Svetlana¹

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Crystals

Vol. 8, / 2018 / ISSN 2073-4352

Disponibil online 10 May, 2018. Descarcări-0. Vizualizări-920

2017 - 2

Decanuclear Isobutyrate Cluster with a [MnII 8MnIII 2]

Darii Mariana, Kravtsov Victor, Baca Svetlana

Institute of Applied Physics, Academy of Sciences of Moldova

Multidisciplinarity in Modern Science for the Benefit of Society

Nr. 3(303) / 2007 / ISSN 1857-064X

Disponibil online 16 March, 2018. Descarcări-3. Vizualizări-644

 **Mn(II) coordination complexes based on 2,4,6-tris(2-pyridyl)-s-triazine**

Darii Mariana, Kravtsov Victor, Baca Svetlana

Institute of Applied Physics, Academy of Sciences of Moldova

New trends and strategies in the chemistry of advanced materials with relevance in biological systems, technique and environmental protection

Nr. 1(13) / 2006 / ISSN 1857-1905

Disponibil online 29 July, 2020. Descarcări-14. Vizualizări-621

2016 - 2

A butterfly-like heterometallic [Mn^{III}₂Dy^{III}₂] tetranuclear pivalate cluster

Darii Mariana¹, Hauser J², Bourosh Pavlina¹, Kramer Karl W², Decurtins Silvio², Liu Shi-Xia², Baca Svetlana¹


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Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSN_e 2537-6365

Disponibil online 29 July, 2019. Descarcări-7. Vizualizări-784

 **Hexanuclear pivalate cluster with a {Mn^{III}₂Mn^{II}₄(μ⁴-O)₂} core**

Darii Mariana, Croitor Lilia, Bourosh Pavlina, Kravtsov Victor, Baca Svetlana

Institute of Applied Physics, Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSN_e 2537-6365

Disponibil online 30 July, 2019. Descarcări-1. Vizualizări-667

2015 - 1

An unprecedented mixed-valence heterometallic nonanuclear [Mn^{III}₆Mn^{IV}Dy^{III}₂] cluster

Darii Mariana, Croitor Lilia, Kravtsov Victor, Baca Svetlana

Institute of Applied Physics

Physical Methods in Coordination and Supramolecular Chemistry

Nr. 1(29) / 2011 / ISSN 1857-0011

Disponibil online 21 April, 2020. Descarcări-4. Vizualizări-514

2012 - 1

Synthesis and structure of the condensation products of [Co(III)Cl(DH)₂(haizonic)] with 2,6-diacetylpyridine or terephthalic aldehyde

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Physical Methods in Coordination and Supramolecular Chemistry

Nr. 1 / 2009 / ISSN 1857-0046

Disponibil online 27 May, 2020. Descarcări-5. Vizualizări-920
