

List of scientific and educational-methodical works

Maya Mamiseishvili

1. New hydrazone-metanitro benzoylhydrazone paradimethylaminobenzaldehyde. Chemical Journal of Georgia v.7 N.3 **2007** p.255-258, M.G. Tsintsadze I.R. Sharia M.M. Chanturia D.V. Gulbani Ts.G. Dolidze T.G. Tsintsadze I.O. Gvelesiani
2. Paranitrobenzoylhydrazone of paradimethylaminobenzaldehyde Quantum-chemical study of electronic structure and complex formation ability by AM1 method. Chemical Journal of Georgia Vol. 9 No. 4 **2009** p. 301-30., M. Tsintsadze, D. Lochoshvili, N. Gegeshidze, N. Kilasonia T. Giorgadze
3. Study of paradimethylaminobenzaldehyde orthonitrobenzoylhydrazone molecule by AM1 method. Chemical Journal of Georgia Vol. 9 No. 5 **2009** p. 423-424. M. Tsintsadze D. Lochoshvili N. Gegeshidze N. Kilasonia N. Maisuradze G. Manvelidze N. Tabuashvili
4. Synthesis of metal coordination compounds of paradimethylaminobenzaldehyde with meta-nitrobenzoylhydrazone (L) and their absorption spectra. Chemical Journal of Georgia Vol. 9 No. 6 **2009** p. 506-507. M. Tsintsadze, N. Kilasonia, N. Gegeshidze, T. Giorgadze, I. Sharia, M. Chanturia, L. Skhirtladze N. Bebia
5. Synthesis of coordination compounds of metals with ortho-nitrobenzoylhydrazine and study of their infrared absorption spectra. Chemical Journal of Georgia Vol. 10 No. 3 **2010** p. 284-287. M. Tsintsadze, N. Kilasonia, G. Tsintsadze, N. Gegeshidze
6. Synthesis and study of IR absorption spectra of coordination compounds of metals with meta- and ortho-nitrobenzoylhydrazine. News of the national Academy of Sciences of Georgia v.36 N.3 **2010**. M.G.Tsintsadze, N.O.Kilasonia, N.G. Gegeshidze, G. V. Tsintsadze
7. Coordination properties of cobalt and iron sulfates with ortho (L') and meta (L) nitrobenzoylhydrazine. Republican scientific conference. Theses, March 30, **2010** p. 138-139. M. Tsintsadze, Z. Lomtadze, T. Shiukashvili
8. Synthesis and study of IR absorption spectra of coordination compounds of metals with meta- and nitronitrobenzoylhydrazine. Bulletin of the National Academy of Sciences of Georgia, Vol. 36, N2, **2010** p. 207-210. M.G. Tsintsadze N.G. Gegeshidze G. V. Tsintsadze

9. Effect of solvent on the complexing ability of pharmaceutical drugs with metals II. 2,6-diethyl-2,4,6,8-tetraaza bicyclo[3,3,0]-octanedione-3,7 (2,6 - DETABOD – L). Chemical Journal of Georgia v.13 N.1 **2013** p.12-20. M. G. Tsintsadze, D. M. Lochoshvili, G.V. Tsintsadze, I.O. Gvelesiani, L.I.Skhirtladze, M.M. Abashidze
10. Workbook for laboratory work in general chemistry (methodological instructions). “Technical University” Tbilisi **2014**. M.G. Tsintsadze N.G. Gegeshidze N.O. Kilasonia
11. The influence of the solvent on the complexing ability of pharmaceutical drugs with metals. Chemical Journal of Georgia, Tbilisi, Vol. 14, N1, **2014**. T.G.TsIntsadze D.M. Lochoshvili G.V. Tsintsadze, I.O.Gvelesiani
12. The influence of the solvent on the complexing ability of N, N-dimethylformamide. Chemical Journal of Georgia T.15 N.2, **2015**. G.V. Tsintsadze, M.G. Tsintsadze, N.G. Gegeshidze, D.M.Lochoshvili
13. Mixed ligand coordination compounds of 3d-metals with orto-amino-4,5- methylpyridine and isonycotinoilhidrozone of paradimethylaminobenzaldehyde. Proceedings of the Georgian National Academy of science, Tbilisi, Vol.42, N3, **2016**. N.Kilasonia, M.Kereselidze, N.Tabuashvili, N.Endeladze
14. Cobalt (II) mixed ligand coordination compound. The 85th Open International Conference of Students of Stu, **2017**, the speaker of the Faculty of Physics, St. Ilya Okoniani. E. Topuria
15. Synthesis and infrared spectra of coordination compounds of copper, zinc and cadmium sulfates with dimethylsulfoxide. Georgian Chemical Journal N1, Vol. 17, **2017**. G. Tsintsadze A. Mamulashvili
16. Coordination compounds of lanthanides with ortho-, meta- and para-nitro benzoyl hydrazides. Monograph “Technical University” Tbilisi **2018**. M.G. Tsintsadze, N.O. Kilasonia, N.A. Bebiya
17. The influence of the solvent on the complexing ability of pharmaceutical preparations with larsan metals. Chemical Journal of Georgia N1 T.17, **2017**. M.G. Tsintsadze G.M. Manvelidze N.L. Maisuradze, N.O. Kilasonia

18. Mixed Ligand (Hydrazone, Aminopyridine) coordination compounds of Cadmium and Zinc. Inter. Mini-Symposium "Bioactive compounds, Antimicrobial and Biomedical products Materials for protection of Human and Environment" Book of Abstracts Tbilisi **2018**. M. Tsintsadze N. Kilasonia N. Tabuashvili

19. Electronic of acetone isonicotinoylhydrazone molecule Study of the structure and ability of complex formation in different solvents in the slow ones. common three times.-Method. Conf. Principal Ak. To G. Tsintsadze's 85th birthday "Chemistry - achievements and perspectives" collection of works, Tbilisi **2019** M. Tsintsadze, N. Frangishvili, N. Kilasonia, G. Tsintsadze, D. Lochoshvili

20. Acetone isonicotinoylhydrazone complex formation ability Quantum-chemical study in different solvents. common three times.-Method. Conf. Principal Ak. For G. Tsintsadze's 85th birthday, "Chemistry - achievements and Perspectives" collection of theses Tbilisi **2019**. M. Tsintsadze, N. Frangishvili, N. Kilasonia, G. Tsintsadze

21. Cobalt mixed ligand coordination compound in organic with ligands. common three-techn. Conf. Principal Prof. V. Eristavi 80 A collection of theses for the year "Environmental Protection and Sustainable Development". Tbilisi **2019**. M. Tsintsadze, N. Kilasonia, S. Bitadze

22. Laboratory practice in coordination chemistry. helper Guide Technical University of Georgia, **2020**. T. Edilashvili

23. RESEARCH, COORDINATION MIXED LIGANDS COMPOUNDS OF MANGANESE WITH USE THERMOGRAVIMETRIC AND ABSORPTION BY INFRARED SPECTROSCOPY METHODS. KYIV CONFERENCE ON ANALYTICAL CHEMISTRY MODERN TRENDS **2022**. ISBN 978-966-999-298-7. T. Edilashvili, N. Imnadze, T. Kobadze.

24. RESEARCH, COORDINATION MIXED LIGANDS COMPOUNDS OF MANGANESE WITH USE THERMOGRAVIMETRIC AND ABSORPTION BY INFRARED SPECTROSCOPY METHODS. 6th International Turkish World Conference On Chemical Sciences And Technologies, Baku, Azerbaijan, **2022**. ISBN 978-966-999-298-7. T. Edilashvili, N. Imnadze, T. Kobadze

25. Study of the complex formation ability of paradimethylaminobenzaldehyde formylhydrazone molecule in different solvents by quantum-chemical method. Ak. International scientific conference "Chemistry - achievements and perspectives" dedicated to the 90th

anniversary of the birth of Givi Tsintsadze, a collection of theses, Tbilisi. **2023**. G. Chankvetadze, M. Tsintsadze, T. Edilashvili

26. Synthesis of manganese (II) sulfate coordination compound with acetone isocotinoylhydrazone molecule. Ak. International scientific conference "Chemistry - achievements and perspectives" dedicated to the 90th anniversary of Givi Tsintsadze, a collection of theses, Tbilisi. **2023**. T. Edilashvili, E. Topuria, T. Tusiashvili.

27. Synthesis of some 3D - metal mixed ligand coordination compounds and study of physico-chemical properties. "Chemistry - achievements and perspectives" collection of works of the international scientific conference dedicated to the 90th anniversary of the birth of Academician Givi Tsintsadze. Research House "Technical University", ISBN 978-9941-28-970-5. **2023** M. Tsintsadze, Z. Gogberashvili, M. Mamiseishvili.