

Nino Kilasonia

2018 -2023

2018

1. M.G.Tsintsadze, N.Kilasonia, M.Mamiseishvili, N.Bebia
Coordination compounds of lanthanides with ortho-, meta- and para-nitrobenzoyl hydrazides“
„Technical University“, Тбилиси, 2018, 106ст. Monographs
ISBN 978-9941-28-306-2

2. M.Tsintsadze, N.Gegeshidze, N.Kilasonia, M.Kereselidze, I.Schirtladze, D.Lochoshvili
Quantum chemical study of coordination compounds of sulfate, nitrate, chloride and zinc bromide
with dimethyl sulfoxide (DMSO).
Georgian Chemical Journal и 2018 18 (1) p. 35-38
ISSN 1512-0686

3. N.Prangishvili, N.Kilasonia, M.Mamiseishvili, M.Tsintsadze, G.Tsintsadze
Research of the electronic structure and complexing ability of acetone isonicotinoylhydrazone
molecule in various solvents
Georgian Chemical Journal 2018 Tbilisi
ISSN 1512-0686

4. Z.Gogberashvili, M.Tsintsadze, N.Kilasonia, D.Lochoshvili
Synthesis of cobalt-mixed ligand coordination compounds
Georgian Chemical Journal 2018 Tbilisi
ISSN 1512-0686

2019

1. M.Abesadze, N.Gegeshidze, N.Kilasonia, D.Lochoshvili, M.Tsintsadze
Quantum chemical study of coordination compounds of zinc nitrate and sulfate with N,N-
dimethylformamide (DMF)
Ceramics, 2019, Vol. 21.2(42), p.3-8
ISSN 1512 – 0325 <http://www.ceramics.gtu.ge>

2. M.Abesadze, M.Tsintsadze, N.Gegeshidze, N.Kilasonia
Quantum chemical investigation of the coordination compound of zinc bromide with N,N-
dimethylformamide (DMF) by semiempirical methods AM1, MP3 and MNDO-d
Georgian Chemical Journal, 2019, T.19 N.1, p.42-46
ISSN 1512-068

3. N.Gegeshidze, N.Kilasonia, M.Tsintsadze, A.Mamulashvili, L.Schirtladze, M.Kereselidze
Synthesis and IR spectral study of complex compounds of N,N-dimethylformamide (DMF) with
chlorides of biologically active metals

Georgian Chemical Journal, 2019, T.19 N.1, p.29-32
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4. N.Prangishvili, M.Tsintsadze, N.Kilasonia
Synthesis of coordination compounds of some metals with acetone isonicotinoylhydrazone
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2020

1. M.Tsintsadze, N.Gegeshidze, N.Kilasonia
Inorganic chemistry course s - and p-elements
„Technical University“, Tbilisi, 2020, 190p.
ISBN 978-9941-28-699-5 (PDF)

2. N.Prangishvili, N.Kilasonia, N.Gegeshidze, M.Tsintsadze, M.Kereselidze, L.Schirtladze
Synthesis and absorption infrared spectra of coordination compounds of cobalt(II) and nickel(II) with
acetone isonicotinoylhydrazone
Ceramics, 2020, Vol. 19.2(38), p.57-60
ISSN 1512 – 0325 <http://www.ceramics.gtu.ge>

2021

1. M.Tsintsadze, N.Gegeshidze, N.Kilasonia, N.Endeladze
Synthesis and investigation of a double complex compound of nickel (II) with isonicotinamide and
thiocyanate
„Ceramics“, T. 1(45) 2021. PP. 71-79
ISSN 1512 – 0325 <http://www.ceramics.gtu.ge>

2022

1. N.Danelia, N.Kilasonia, M.Tsintsadze, N.Gegeshidze, D.LoChoshvili
Quantum-chemical study of the malonic acid dihydrazide molecule in various solvents.
Science and technology. #3(740). p. 64-74. 2022.
ISSN 0130-7061

2. N.Gegeshidze, N.Kilasonia, M.Tsintsadze, S.Gelovani
Synthesis and research of the bimetallic coordination compound cobalt (II) with picolinamide and
sodium nitroprusside.
Science and technology 2022 Tbilisi
ISSN 0130-7061

3. N.Gegeshidze, N.Kilasonia, M.Tsintsadze, M.Qurchuli
 Synthesis and research of bimetallic coordination compounds of cobalt (II) with isonicotinamide, picolinamide and potassium hexacyanoferrate (II).
 Georgian Engineering News N.2, vol.96 2022 p.98-100
 ISSN 1512-0287 DOI <https://doi.org/10.36073/1512-0287>

2023

1. M.Tsintsadze, N.Kilasonia
 Theoretical foundations of inorganic synthesis
 „Technical University“, Tbilisi, 2023, 106 p
 ISBN 978-9941-28-761-9

2. N.Gegeshidze, N.Kilasonia, M.Tsintsadze
 Synthesis and Spectroscopic (IR) Studies of Complex Compounds of Some 3D Metals with N,N-dimethylformamide. GTU Works 2023 N.2(528) ISSN 1512-0996. . 18-26

3. Z.Gogberashvili, M.Tsintsadze, N.Kilasonia, N.Gegeshidze
 Synthesis of mixed ligand (2-amino-6-methylpyridine, azelaic acid dihydrazide) coordination compounds and study of physic-chemical properties. International scientific-methodological conference "Chemistry - achievements and perspectives" dedicated to the 90th anniversary of the birth of academician Givi Tsintsadze. Collection of theses. Tbilisi, April 20, 2023.

4. N.Kilasonia, D.Lochochvili, E.Jokhadze, M.Tsintsadze
 Quantum-chemical study of caprylic acid hydrazide molecule by AM1 method in different solvents. 2nd Interl Scient. Conf. „Science, Education, Innovation and Chemical Technologies from Idea to Implementation“ Seasonal school for masters and doctoral students “Innovation - from Idea to Implementation”. 2023. Tbilisi, TSU.

5. S. Kodlashvili, N. Kilasonia, L. Skhirtladze
 Cobalt and nickel thiocyanate complexes with paradimethylaminobenzaldehyde meta-bromobenzoylhydrazide. International scientific-methodological conference "Chemistry - achievements and perspectives" dedicated to the 90th anniversary of the birth of academician Givi Tsintsadze. Collection of theses. Tbilisi, April 20, 2023.

6. E. Jokhadze, N. Kilasonia, M. Kereselidze, L. Golodze.
 Synthesis and study of some 3d-metal complexes with caprylic acid hydrazide.
 International scientific-methodological conference "Chemistry - achievements and perspectives" dedicated to the 90th anniversary of the birth of academician Givi Tsintsadze. Collection of theses. Tbilisi, April 20, 2023.

7. Z.Gogberashvili, M.Tsintsadze, N.Kilasonia, N.Gegeshidze, D.Lochozhvili
Quantum-Chemical study of Azelaic Acid dihydrazide molecule using the AM1 method in different solvents.
„Ceramics“, Vol. 25.1(49). 2023. P. 12-21
ISSN 1512 – 0325 <http://www.ceramics.gtu.ge>

8. N. Gegeshidze, N. Kilasonia, N. Tabuashvili, M. Tsintsadze
From "simple" thiocyanate complexes to double and bimetallic complexes".
"Chemistry - achievements and perspectives" is a collection of works of the international scientific conference to the 90th anniversary of the birth of Academician Givi Tsintsadze. ISBN 978-9941-28-970-5. Tbilisi. GTU. P. 11-26.

9. N. Gegeshidze, N. Kilasonia, M. Tsintsadze, L. Skhirtladze, M. Kereselidze.
Thermogravimetric study of cobalt(II) heteronuclear coordination compounds
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10. N.Gegeshidze, N.Kilasonia, M.Tsintsadze
Synthesis and Spectroscopic (IR) Studies of Complex Compounds of Some 3D Metals with N,N-dimethylformamide.
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11. Kh.Tchaava N.Gegeshidze N.Ninashvili T.Giorgadze N.kilasonia
Levels of Biomarkers of Fibrosis in Patients with Diabetes Mellitus Type 2
21st World Congress on Insulin Resistance, Diabetes & Cardiovascular Disease. Held in Los Angeles. CA. December 7-9. 2023 <https://www.wcir.org/event-details/21st-world-congress-insulin-resistance-diabetes-and-cardiovascular-disease>