

Nana Gegeshidze

List of Scientific and Educational-Methodical Works (2013-2024)

Monograph:

- M.G. Tsintsadze, A.N. Narimanidze, N.G. Gegeshidze, L.I. Skhirtlade, I.O. Gvelesiani. Coordination compounds of metals with ortho-aminopyridine and its methyl derivatives. Georgian Technical University Tbilisi 2013 77 p.
- M. Tsintsadze, N. G. Gegeshidze, N. Zhorzholiani, I. Beshkenadze. Coordination compounds of metals with 1-[2-(benzylcarbamoyl)-ethyl] – 2 –isonicotinoylhydrazide (nialamide). Georgian Technical University Tbilisi 2017 120 p.
- M.Tsintsadze, N.Gegeshidze. Complexing ability of dimethyl sulfoxide, N,N-dimethylformamide and urea (Urea). „Technical University“, Tbilisi , 2022, 103p.. ISSN 1512-0686

Textbooks:

- M. Tsintsadze, N. Kutsiava, M. Matsaberidze, T. Giorgadze, N. Gegeshidze, N. Kilasonia. Test tasks in general chemistry. GTU. Tbilisi 2013 87 pp.
- M. Tsintsadze, N. Gegeshidze, N. Kilasonia, T. Giorgadze. Workshop on inorganic chemistry. GTU. Tbilisi 2016 P. 112
- 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)
- M.Tsintsadze, N.Gegeshidze. Inorganic chemistry course d-elements. „Technical University“, Tbilisi, 2023, 310p.
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Methodical literature:

- M. Tsintsadze, N. Kutsiava, N. Gegeshidze. Workbook on inorganic chemistry. GTU 2013 Tbilisi 51 p.
- M.G. Tsintsadze, N.G. Gegeshidze, N.O. Kilasonia. Workbook for laboratory work in general chemistry. CTU 2014 30 p.

- N.G. Gegeshidze. Test tasks in general chemistry. CTU 2014 78 p.
- M. Tsintsadze, N. Gegeshidze, N. Tabuashvili. Redox reactions. GTU Tbilisi 2021 P.101

Articles:

- N. Tabuashvili, M. Tsintsadze, N. Kilasonia, N. Gegeshidze, T. Giorgadze. Mixed-ligand coordination compounds of cobalt(II) and nickel(II) with ortho-5-methylpyridine and isonicotinoylhydrazone of paradimethylaminobenzaldehyde. Sat. Chemical Journal Tbilisi 2013 Vol. 13 No. 1 p. 8-11
- M.G. Tsintsadze, N. Gegeshidze, D.M. Lochoshvili, G.V. Tsintsadze, L.L. Golodze. Effect of solvent on the complexing ability of 2,8-diethyl-2,4,6,8-tetraazabicyclo[3,3,0]-octadione-3,7. Chemical Journal of Georgia Tbilisi 2013 T.39, No. 3-4, pp. 203-210
- M. Tsintsadze, N. Tabuashvili, N. Gegeshidze, N. Kilasonia, L. Skhirtladze, M. Kereselidze. Synthesis and absorption IR spectra of mixed ligand coordination compounds of copper(II), manganese(II), cobalt(II) and nickel(II) with ortho-amino-4-methyl pyridine and paradimethylaminobenzaldehyde. Sat. Chemical Journal Tbilisi 2013 Vol. 13 No. 2 p. 33-37
- G.V.Tsintsadze M.G.Tsintsadze N. Gegeshidze, D.M.Lochoshvili L.I.Skhirtladze N.O Endeladze T.N.Turiashvili. Effect of solvent on the complexing ability of dimethylacetamide. Chemical Journal of Georgia Tbilisi 2015 N1 Page. 6-10
- G.V.Tsintsadze M.G.Tsintsadze, N. Gegeshidze, M.M.Mamiseishvili, D.M.Lochoshvili. Effect of solvent on the complexing ability of N,N-dimethylformamide. Chemical Journal of Georgia Tbilisi 2015 (15)N2 Page. 14-17
- M.G. Tsintsadze, N. Gegeshidze, N.B. Zhorzholiani, I.A. Beshkenadze, G.V. Tsintsadze. Effect of solvent on the complexing ability of 1-[2-(benzylcarbamoyl)-ethyl] – 2 – isonicotinoylhydrazide (nialamide). Chemical Journal of Georgia. Tbilisi 2016 16 No. 1 Pages 19-24
- G.V.Tsintsadze, N. Gegeshidze, A.M.Mamulashvili, G.M.Manvelidze, N.A.Maisuradze. Synthesis and IR spectral study of coordination compounds of bromides of some d-elements with dimethyl sulfoxide. Chemical Journal of Georgia Tbilisi 2016 16 No. 1 Pages 25-27
- Nana Gegeshidze, Lili Skhirtladze, Aivengo Mamulashvili, Tamar Edilashvili, Neli Maisuradze. Solvent Effect on Complex Formation on Dimethylsulfoxide. Bulletin of the National Academy of Sciences of Georgia, Chemistry Series 2016 Vol. 42, No. 3 p. 312-313
- M.G. Tsintsadze, N. Gegeshidze, N.B. Zhorzholiani, I.A. Beshkenadze, G.V. Tsintsadze. Coordination compounds of metals with 1-[2-(benzylcarbamoyl)-ethyl] – 2 – isonicotinoylhydrazide (nialamide). Georgian Technical University Tbilisi 2017 120 p.

- M.G. Tsintsadze, N. Gegeshidze, M.K. Kereselidze, D.M. Lochoshvili, G.V. Tsintsadze. Effect of solvent on the complexing ability of benzoylhydrazone para-dimethylaminobenzaldehyde. Chemical Journal of Georgia Tbilisi 2017 № 17. No. 1. 33. 36-38
- G. Tsintsadze, N. Gegeshidze, A. Mamulashvili, L. Skhirtladze, M. Mamiseishvili. Synthesis and infrared spectra of coordination compounds of sulfates of Cu(II), Zn and Cd with dimethylsulfoxide. Georgian Chemical Journal Tbilisi 2017 vol. 17. No. 1. p. 24-26
- 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 № 2018 18 (1) p. 35-38. ISSN 1512-0686
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- N.Gegeshidze, M.Tsintsadze N.Kilasonia. Preparathion and characterization of some double complex compounds of metals with N,N-dimethylformamide. CHEMICAL AND TECHNOLOGICAL ASPECTS OF BIOPOLYMERS. Book Volume I P. 26-35 Publishing House “UNIVERSAL” 2020 ISBN 978-9941-26-769-7
- 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. C. 71-79. ISSN 1512 – 0325 <http://www.ceramics.gtu.ge>
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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>

- 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
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- Z. Gogberashvili, M. Tsintsadze, N. Kilasonia, N. Gegeshidze. Synthesis and study of some 3d-metal mixed ligand (azelaic acid dihydrazide, 2-amino-6-methylpyridine) coordination compounds. Science and Technology. No. 1 (741). p. 64-69 Tbilisi 2023

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- N.Gegeshidze, N.Bolkvadze, N.Purtseladze, S.Pipia. Oxidative properties of azoic acid. 85th open student international scientific conference. GTU, Tbilisi. 2017 P. 197
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- Z.Gogberashvili, N. Gegeshidze, M.Tsintsadze. QUANTUM-CHEMICAL STUDY OF THE COORDINATION COMPOUNDS OF NITRATE, SULFATE, CHLORIDE AND ZINC BROMIDE WITH DIMETHYL SULFOXIDE (DMSO). International Conference of Students International Conference of Students and Young Scientists and Young Scientists "CHEMISTRY TODAY AND IN FUTURE" "CHEMISTRY TODAY AND IN FUTURE" November 16-17, 2018, Tbilisi, Georgia P. 54-56 ICSYS-2018
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