

List of publications of Tea Matitishvili

Articles

1. T. Matitaishvili,, „Determination of vitamin C in school-club research projects“, "Chemistry letter“, -ISSN 2233-3452, 2023 year, Tom: 6, number:1, p. 56-64;
2. Z. Geliashvili, T. Matithaishvili, “Immobilization of 24-membered azomethine macrocycle on the silica gel”, "Chemistry-Achievements and Prospects", Collection of Scientific Works of the International Scientific Conference, "Technical University" publishing house, Tbilisi 2023, p. 38-47;
3. Chelidze N.T., Anthia G.R., Matithaishvili T.R., Ockhikidze N.T., Elizbarashvili E.N. „MODIFICATION THE METHODS OF SYNTHESIS OF NON-TOXIC AZEMETHINE“, GEN, # 3, 2018 year, p. 55-61;
4. Anthia G.R., Fichkadze A.B., Matithaishvili T.R., Ockhikidze N.T., Elizbarashvili E.N. „THE NEW MODIFIED METHOD OF THE SYNTHESIS OF OLSALAZINE“, საქართველოს GEN, # 3, 2018 year, p. 62-66;
5. Chelidze N.T., Matithaishvili T.R., Ockhikidze N.T., Elizbarashvili E.N. “NEW TETRAKISAZODYS ON THE BASE OF MACROCYCLIC AZOMETHINE“, GEN, # 4, 2018 year, p. 50-54;
6. Anthia G.R., Fichkadze A.B., Ockhikidze N.T., Matithaishvili T.R., Elizbarashvili E.N. „SYNTHESIS OF ALKYNE CONTAINING "CLICK-REAGENT" VIA AZO COUPLING REACTION“, GEN, # 4, 2018 year, p. 55-58;
7. Chelidze N.T., Ockhikidze N.T., Matitaishvili T. R. , Didebulidze K.A., Elizbarashvili E.N. "Nontoxic macrocyclic azomethines, GEN, 2017 year,, #3, p. 88-91;
8. N. Ockhikidze, T. Matitaishvili, K. Didebulidze, E. Elizbarashvili. Synthesis of Cr³⁺ and Cu²⁺ containing complexes of macrocyclic azomethines and investigation of their antimicrobial activity. Georgian Engineering News, 2017 year,, #4, 45-49;
9. A. Chikovani, N. Ockhikidze, T. Matithaishvili, L. Talakvadze, G. Anthia, Z. Pachulia*, e. Elizbarashvili. „Quantum-chemical aspects of oxidative coupling of phenols“, Herald of the Georgian Academy of Sciences. chemistry series, 40 (1-2), 2015 year, p. 36-40;
10. Lagvilava I., Matitaishvili T., Iardalashvili I., Elizbarashvili E “ A one-pot synthesis of some novel tetrakisazo disperse dyes bearing twenty-membered macrocyclic polyazomethine”, Collection of Czechoslovak Chemical Communications, 2008 year,, 74, 3, p. 409-418;
11. Matitaishvili T., Lagvilava I., Elizbarashvili E “Synthesis, Chemical Reactivity And Characterization Of Novel Macrocyclic Azomethine Compounds “,Georgian Chemical Journal, 2008 year, 8, 1, p. 21-24;
12. Elizbarashvili E., Matitaishvili T., Topuria Kh “Synthesis of Macrocyclic Polyazomethines”, Journal of Brazilian Chemical Society. 2007 year, 18, 6, p. 1254-1258;

Theses

1. Z. Geliashvili, T. Matithaishvili. "24-membered macrocyclic azomethine complex compounds", International scientific conference "Chemistry-Achievements and Prospects" dedicated to the 90th anniversary of the birth of Academician Givi Tsintsadze, Collection of theses, publishing house "Technical University", Tbilisi 2023 year, p.52;
2. E. Sadaghashvili, T. Dundua, T. Matithaishvili, "Achievements and challenges in chemistry class", International scientific conference "Chemistry-Achievements and Prospects" dedicated to the 90th anniversary of the birth of Academician Givi Tsintsadze, Collection of theses, publishing house "Technical University", Tbilisi, 2023 year, p. 60;
3. D. Narsia, G. Kotorashvili, N. Macharashvili, T. Matithaishvili, "Modification of biodiesel synthesis method and thermodynamic properties", Thechnical University Of Georgia, Students 86th International Scientific Conferense, Tbilisi, Georgia, 2018 year, p. 124;
4. Chelidze N., Nozadze T., Didebulidze K., Elizbarashvili E., Non toxic new macrocyclic azo methines, Internacional Artvin Sympozium (IAS-2018), Turkey, Artwin, 2018, 18-20 October;
5. D.Narsia, G.Kotorashvili, M.Gelashvili, T.Matitaishvili, „Modification of the synthesis methods of intermediates of Macrocyclic Compounds“, Georgian Agricultural University, Scientific Student Conference in Biology and Chemistry, 2017 Year;
6. D.Narsia, G.Kotorashvili, M.Gelashvili, D.Babaeva, T.Matitaishvili, N. Ochkhikidze „Synthesis of Macrocyclic Compounds Via Various methods“, Thechnical University Of Georgia, Students 84th International Scientific Conferense, Tbilisi, Georgia, p. 148
7. G. Antia¹, G. Kotorashvili, D. Babaeva, I. Lomadze, T. Matitaishvili, N. Ochkhikidze “Sinthesis of Macrocyclic Compounds Via Click Chemistry”, 5th International Conference of Young Scientists “Chemistry Today – 2016”, September 18-21, 2016. Tbilisi, Georgia, p. 34;
8. N. Chelidze, D. Narsia, M. Gelashvili, T. Matitaishvili, A. Chikovani, N. Ochkhikidze “Sinthesis of Macrocyclic Compounds”, 5th International Conference of Young Scientists “Chemistry Today – 2016”, September 18-21, 2016. Tbilisi, Georgia, p. 81-82;
9. N. Ochkhikidze, T. Matitaishvili, K. Didebulidze, E.Elizbarashvili “Azomethines containing new non-toxic fragments“, Third Scientific Conference "Natural and synthetic biologically active substances, 24-25 October, 2016 Year, Tbilisi, Georgian National Academy of Sciences, p. 70-71
10. N. Ochkhikidze, T.Matitaishvili, A. Chikovani, L. Talakvadze, K. Didebulidze, E. Elizbarashvili “ Biologically Active Azomethines”, 3rd International Conference on Pharmaceutical Sciences “Looking Towards the Future, Honoring the Past” (ICPS 2015), 29-31 May, 2015. Tbilisi, Georgia. p. 20-21;
11. N. Ochkhikidze, T. Matitaishvili, L. Talakvadze, E. Elizbarashvili “Novel Macrocyclic Polyazomethines”, 8-th Eurasian Meeting on Heterocyclic Chemistry (EAMHC-2014) September 20-24, 2014. Tbilisi, Georgia, p. 253-254;
12. T. Matitaishvili, L. Talakvadze , E. Elizbarashvili “Macrocyclic Azomethines For Optocal Imaging”, 4-th International Conference of Young Scientists Cemistry Todey-2014 , Yerevan, Armenia 2014, p. 20-22;

13. T. Matitaishvili, E. Elizbarashvili "Flouresent macrocycles", 3rd International Symposium on Polimers and Advanced Maretials. Tbilisi, Georgia, 1-4 September, 2013, p 57;
14. E. Elizbarashvili, I. Lagvilava, T. Matitaishvili, I. Lomadze " Novel Macrocyclic Fluorescent Probes", 3-rd Scientific Conference on organic and pharmaceutics chemistry, Yerevan, Armeny, 3-6 October, 2012, P. 28;
15. E. Elizbarashvili, I. Lagvilava, T. Matitaishvili, L. Datukishvili " Novel macrocyclic fluorescents dyes", 7-th eurasian meeting on heterocyclic chemistry, Bogazici University, Istambul, Turkey. 17-21 June, 2012. p. 19;
16. E. Elizbarashvili, I. Lagvilava, T. Matitaishvili "Novel 20-Membered Polyazomethines-A Potential Target Compound For Nanotubes", 2-nd International Conference on Organic Chemistry: "Advances in Heterocyclic Chemistry" September 25-27, 2011. Tbilisi, Georgia, p. 64-65;