

Dr. Tamara Tatrishvili



Tbilisi State University

Faculty of Exact and Natural Sciences, Senior Specialist of the Unite of Academic Process Management.

Relevant educational background

1973-1984 Graduated 151th secondary school of Tbilisi.

1985-1990 Undergraduate Student, Tbilisi State University, Faculty of Chemistry (TSU).

1990-1997 Post-graduated from Iv. Javakhishvili Tbilisi State University.

Relevant work experience

In 2002 – T. Tatrishvili defends here candidate dissertation: "Synthesis and investigation of polysilylene, polysilylene-siloxane oligomers and block-copolymers" (Certificate of diploma №003298).

2002-2003- Iv. Javakhishvili Tbilisi State University (Faculty of Chemistry) - Laboratory assistant of the department of macromolecular chemistry;

2003-2005- Iv. Javakhishvili Tbilisi State University (Faculty of Chemistry) - Senior laboratory assistant of the department of macromolecular chemistry

2005-2006 - Iv. Javakhishvili Tbilisi State University (Faculty of Chemistry) - Head of educational laboratory of the department of macromolecular chemistry

2007 - Iv. Javakhishvili Tbilisi State University (Faculty of exact and natural sciences) - Senior Specialist of the Unite of Academic Process Management.

Membership of organizations:

1990 Member of D. Mendeleev Chemical Society of Georgia;

International grants:

2010–2012 Science and technology center of Ukraine and Georgian National Science Foundation: Synthesis of Silicon organic Polymer electrolytes for Electro storage Devices in Lithium Batteries – group leader of the project #5055

Courses Taught

1. Macromolecular Chemistry;
2. History of Chemistry;
3. Elementorganic Polymers.
4. Physical methods for investigation of Polymers
5. Selected Chapters of Macromolecular Chemistry

Activities

1. 2nd International Caucasian Symposiums on Polymers and Advanced Materials, Tbilisi, Georgia 7-10 September, 2010, (<http://www.tsu.edu.ge/icsp2/committees.html>)
2. International Conference “Compounds & Materials with Specific Properties Based on industrial waste, secondary and natural recourses”. Tbilisi, Georgia, 15-16 July, 2010.
3. 3rd International Caucasian Symposiums on Polymers and Advanced Materials, Tbilisi, Georgia 1-4 September, 2013, (<http://www.tsu.edu.ge/icsp3/committees.html>)
4. 4rd International Caucasian Symposiums on Polymers and Advanced Materials, Tbilisi, Georgia 1-4 July, 2015, <http://www.icsp4.tsu.ge/ge/committees>

Guidance of bachelor thesises

1. **Gviniashvili Vakhtang** – “Packing polymeric material for food products” – Tbilisi, 2009.
2. **Nadirashvili Nino** – “Synthesis of comp-type polymers with propylacetoacetate side groups” – Tbilisi, 2012.

Guidance of Master’s degree (Mphil)

1. **Kutulashvili Nana** – “Block-copolymers with polyphenyl- α -naphthylsilane fragments in dimethylsiloxane chain” – Tbilisi, 2000.
2. **Kutulashvili Zhana** – “Copolymers with polyphenyl- α -naphthylsilane fragments in dimethylsiloxane chain” – Tbilisi, 2001.
3. **Nasuashvili Tamara** – “Hydrosilylation reaction of methylhydridesiloxane with acrylic acid esthers” – Tbilisi, 2002.
4. **Titvinidze Giorgi** – “Hydrosilylation reaction of methylhydridesiloxane with alkenes”- Tbilisi 2003.
5. **Patsatsia Sophia**- “Hydride addition reaction of α,ω -bis(trimethylsiloximethylhydridesiloxane with styrene and α -methylstyrene” – Tbilisi, 2004.
6. **Kobaladze Thea** – “Hydryd addition reaction of α,ω -bis(trimethylsiloximethylhydridesiloxane with propargylalcohol” - Tbilisi, 2004.
7. **Tsulaia Tinatin** – “Dehydrocondensation reaction of methylhydridesiloxane with hydroxyethylenglycole with blocked alkyl group in side chain” – Tbilisi, 2006.

8. **Kobauri Elene** – “Hydrosilylation reaction of methylhydridesiloxane with 4-vinyl-1-cyclohexene” – Tbilisi, 2006.
9. **Koiava Elisabeth** – “Hydride addition reaction of α,ω -bis(trimethylsiloximethylhydridesiloxane with triethoxy- and trimethylsilyl esters of allyl alcohol” – Tbilisi, 2007.
10. **Basharuli Giorgi** – “Hydrosilylation reaction of methylhydridesiloxane with allyl cyanide” – Tbilisi, 2009.
11. **Dundua Alexander**- “Hydrosilylation reaction of methylhydridesiloxane with allyl acetoacetate” – Tbilisi, 2009.
12. **Doroshenko Mikheil**- „Synthesis and investigation of oligomethylsiloxane containing photochromic fragments“ – Tbilisi, 2010.

Guidance of PhD theses

1. **Titvinidze Giorgi** – “Hydrosilylation of α,ω -bis(trimethylsiloxy)methylhydrosiloxanes with some unsaturated bond containing compounds” – Tbilisi, 2005.
2. **Patsatsia Sophie** – ”Synthesis and investigation of functional group containing comb-type organosilicon oligomers” – Tbilisi, 2011.

Awards

1. DAAD fellowship, 2013, Germany, Mainz, Max-Plank Institute for Polymer Research.

List of Publications

1. High-Performance Polymers for Engineering-Based Composites. Editors Omari V. Mukbaniani, Marc J.M. Abadie & **Tamara N. Tatrishvili**. Apple Academic Press, Inc., 2015, pp. 325.
<http://www.appleacademicpress.com/title.php?id=9781771881197>
2. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markarashvili. ”Polymeric Materials”, Volume 1, TSU publisher, 2015, pp. 1-517.
3. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markarashvili. ”Polymeric Materials”, Volume 2, TSU Publisher, 2015, pp. 518- 467.
4. O. Mukbaniani, J. Aneli, E. Markarashvili, **T. Tatrishvili** ”Practical Work in The Polymeric Materials” 2012, 275 p., TSU Publisher.
5. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markarashvili, ”Polymeric Materials”, publish. Universal, Tbilisi, 2011, 737 p.
6. O. Mukbaniani, **T. Tatrishvili**. – “Macromolecular Chemistry”- book, 2010, 766 p., TSU Publisher.
7. O. Mukbaniani, T. Tatrishvili «**Polysilanes**». //additional course, 2004, TSU Publisher, pp. 1-168.

8. O.V. Mukbaniani, **T.N. Tatrishvili** and G.E. Zaikov. The book, «**Modification Reactions of Oligomethylhydridesiloxanes**». Nova Science Publisher, Inc. Huntington, New York, 2007, 228 pp.

2015

1. **T. Tatrishvili**, N. Jalagonia, K. Gelashvili, M. Khachidze, E. Markarashvili, J. Aneli, O. Mukbaniani Quantum Chemical Calculations of Hydrosilylation Reaction of Oligomethylhydrosiloxane to Allyl Cyanide and Polymer Electrolyte Membranes on their Basis. *Oxidation Communications*, *Oxidation Communications* 38, No 1, 13–24, 2015.
2. N. Jalagonia, I. Esartia, **T. Tatrishvili**, E. Markarashvili, D. Otiashvili, J. Aneli, and O. Mukbaniani. 28 Chapter in the book **Chemical and Structure Modification of Polymers**. Siloxane Matrix with Methylpropionate Side Groups and Polymer Electrolyte Membranes on Their Basis. Editors Kajetan Pyrzynski, Gregorz Nyszko, Gennady Zaikov, Apple Academic Press, 2015.
<http://www.appleacademicpress.com/title.php?id=9781771881227>
3. N. Jalagonia, I. Esartia, **T. Tatrishvili**, E. Markarashvili, J. Aneli, O. Mukbaniani. Siloxane matrix with methylpropionate side groups and polymer electrolyte membranes on their basis. *Oxid. Commun.*, 2015 (In press).
4. Natia Jalagonia, Izabela Esartia, **Tamara Tatrishvili**, Eliza Markarashvili, Donari Otiashvili, Jimsher Aneli, and Omar Mukbaniani. Siloxane Matrix with Methylpropionate Side Groups and Polymer Electrolyte Membranes on Their Basis. Chapter 13, in **Additives in Polymers Analysis and Applications**. Editors: Alexandr A. Berlin, Svetlana Z. Rogovina, Gennady E. Zaikov
<http://www.appleacademicpress.com/title.php?id=9781771881289>
http://www.icsp4.tsu.ge/data/file_db/icsp/Konferencia%20-%20icsp4.ASATVIRTI.pdf
5. J. Aneli, G. Buzaladze, E. Markarashvili, **T. Tatrishvili**, L. Kemkhadze, O. Mukbaniani. “Composites based on sawdust and some organic binders”. Abstracts of Communications of 4th International Caucasian Symposium on Polymers and Advanced Materials, Batumi 2015, p. 10.
http://www.icsp4.tsu.ge/data/file_db/icsp/Konferencia%20-%20icsp4.ASATVIRTI.pdf
6. E. Markarashvili, G. Buzaladze, L. Kalatozishvili, D. Otiashvili, **T. Tatrishvili**, J. Aneli, O. Mukbaniani. “New composites on the basis of liquid glass and straw”. Abstracts of Communications of 4th International Caucasian Symposium on Polymers and Advanced Materials, Batumi 2015, p. 87.
http://www.icsp4.tsu.ge/data/file_db/icsp/Konferencia%20-%20icsp4.ASATVIRTI.pdf

7. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markarashvili. Brush type methylsiloxane polymers: synthesis, properties & application. Abstracts of Communications of 4th International Caucasian Symposium on Polymers and Advanced Materials, Batumi 2015, p. 93.
http://www.icsp4.tsu.ge/data/file_db/icsp/Konferencia%20-%20icsp4.ASATVIRTI.pdf
8. **T. Tatrishvili**, E. Markarashvili, I. Esartia, J. Aneli, O. Muknaniani. Silicon based solid polymer electrolyte membranes. Abstracts of Communications of 4th International Caucasian Symposium on Polymers and Advanced Materials, Batumi 2015, p. 117.
http://www.icsp4.tsu.ge/data/file_db/icsp/Konferencia%20-%20icsp4.ASATVIRTI.pdf

2014

1. O. Muknaniani, J. Aneli, **T. Tatrishvili**, E. Markarashvili. Comb-type organosilicon matrix for solid polymer electrolyte membranes. Abstracts of communications, V International Scientific-Technical Conference “Advance in Petroleum and Gas Industry and Petrochemistry” (APGIP-7), Lviv Polytechnic National University, Lviv, Ukraine, May 19-24, 2014.
2. **T. Tatrishvili**, E. Markarashvili, J. Aneli, O. Muknaniani. Organosilicon polymers for solid polymer electrolyte membranes. Abstracts of communications, V International Scientific-Technical Conference “Advance in Petroleum and Gas Industry and Petrochemistry” (APGIP-7), Lviv Polytechnic National University, Lviv, Ukraine, May 19-24, 2014
3. E. Markarashvili, **T. Tatrishvili**, L. Shamanauri, J. Aneli, O. Mukbaniani. Effect of chemical modified fillers on the properties of composites based on epoxy resin. Abstracts of communications, V International Scientific-Technical Conference “Advance in Petroleum and Gas Industry and Petrochemistry” (APGIP-7), Lviv Polytechnic National University, Lviv, Ukraine, May 19-24, 2014.
T. Tatrishvili, E. Markarashvili, E. Esartia, J. Aneli, G. Zaikov, O. Mukbaniani. “Ring opening polymerization reactions of some hydroxyorganocyclotetrasiloxanes with propyl butyrate side groups and polymer electrolyte membranes on their basis”. Oxidation Communications #1, 348-361, 2014. <http://scibulcom.net/ocr.php?gd=2014&bk=1>
4. . . . , . . . , . . . , . . . , . . . -
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. . . . , 9, . 41-44, 2014.
5. O. Mukbaniani, **T. Tatrishvili**, J. Aneli, E. Markarashvili. “Synthesis of silicon based polymer electrolyte membranes” Chemistry and Chemical Technology Proceedings of the international Conference, Kaunas University of Technology, 25 April 2014. p. 353

6. O. Mukbaniani, **T. Tatrishvili**, J. Aneli, E. Markarashvili. "Synthesis of silicon based polymer electrolyte membranes" Chemistry and Chemical Technology Proceedings of the international Conference, Kaunas University of Technology, 25 April 2014. p. 353.
7. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markarashvili. "Comb-Type methylsiloxane polymers: synthesis, properties application". Abstract Baltic Polymer Symposium 2014, Laulasmaa, Estonia September 24-26, 2014. p.19
8. E. Markarashvili, J. Aneli, **T. Tatrishvili**, O. Mukbaniani. "Functional Comb-Type organosiloxane polymers" abstract Baltic Polymer Symposium 2014, Laulasmaa, Estonia September 24-26, 2014. p.70.
9. Research Progress in Chemical Physics and Biochemical Physics: Pure and Applied Science. Editors: Gennady E. Zaikov, Alexander A. Berlin, Krysztof Majewski, Andrey A. Primerzin. Nova Science Publisher, USA, 2014, pp. 506. Chapter 4, „Hydrosilylation Reaction of methylhydrosiloxanes with Acrylates and Methacrylates and solid polymer electrolyte membranes on their basis”, **T. Tatrishvili**, G. Titvinidze, N. Pirtskheliani, J. Aneli, G. Zaikov, O. Mukbaniani, pp. 159-177.
<http://www.alibris.com/Research-Progress-in-Chemical-Physics-Biochemical-Physics-Pure-Applied-Science-G-E-Zaikov/book/27278802>
10. Research Progress in Chemical Physics and Biochemical Physics: Pure and Applied Science. Editors: Gennady E. Zaikov, Alexander A. Berlin, Krysztof Majewski, Andrey A. Primerzin. Nova Science Publisher, USA, 2014, pp. 506, Chapter 2, " Synthesis and investigation properties of epoxycontaining compounds and composite materials on their basis", E. Markarashvili, **T. Tatrishvili**, N. Koiava, G. Zaikov, J. Aneli, O. Mukbaniani, pp. 77-132.
<http://www.alibris.com/Research-Progress-in-Chemical-Physics-Biochemical-Physics-Pure-Applied-Science-G-E-Zaikov/book/27278802>
11. O. Mukbaniani, J. Aneli, E. Markarashvili, **T. Tatrishvili**, N. Aleksidze, M. Tarasashvili. Composites on the basis of Martian ground. J. Oxid. Comm. 12.12.2014.

2013

1. **T. Tatrishvili**, O. Mukbaniani. Comb-type methylsiloxane oligomers with various ester side groups. Frontiers in Polymer Science, in association with the journal Polymer. Spain, Sitges, 21-23 May, 2013, P1.96.
http://www.frontiersinpolymer science.com/resources/downloads/Poster%20program_2013.pdf
2. I.G. Esartia, N.T. Jalagonia, **T.N. Tatrishvili**, E.G. Markarashvili, J.N. Aneli, O.V. Mukbaniani. A new polysiloxane based cross-linker for solid polymer electrolytes. 9th International Symposium on Polyimides and High Performance Polymers & Materials, June 3-5, 2013, P12.

3. E.G. Markkarashvili, **T.N. Tatrishvili**, J.N. Aneli, M.J.M. Abadie, O.V. Mukbaniani Siloxane based polymer electrolytes with propylacetoacetate pendant groups. 9th International Symposium on Polyimides and High Performance Polymers & Materials, June 3-5, 2013, P13.
4. Chemistry and Physics of Complex Materials Concepts and Applications, Editors: Maria Rajkiewicz, PhD Wiktor Tyskiewicz, PhD Zbigniew Wertejuk, PhD. Chapter 10: Composite Materials on the Basis of Epoxy Containing Organosilicon Compounds. E. Markkarashvili, **T. Tatrishvili**, and N. Koiava, A. Berlin, G. Zaikov, J. Aneli, and O. Mukbaniani. 2013, pp. 395. <http://www.appleacademicpress.com/title.php?id=9781926895604#bios>
6. N. Jalagonia, I. Esartia, **T. Tatrishvili**, E. Markkarashvili, J. Aneli, O. Mukbaniani. Synthesis and ionic conductivity of siloxane based polymer electrolytes Abstracts of communications of International Congress on Energy Efficiency and Energy Related Materials (ENEFM-2013., 9-12 October, 2013, Antalya Turkey, P86. <http://www.enefm.org/images/poster.pdf>
7. N. Jalagonia, I. Esartia, **T. Tatrishvili**, E. Markkarashvili, J. Aneli, O. Mukbaniani. Siliconorganic backbone as a matrix for solid polymer electrolyte membranes. Abstracts of communications of International Congress on Energy Efficiency and Energy Related Materials (ENEFM-2013., 9-12 October, 2013, Antalya Turkey, P87. <http://www.enefm.org/images/poster.pdf>
8. O. Mukbaniani, J. Aneli, I. Esartia, T. Tatrishvili, E. Markkarashvili, N. Jalagonia. "Siloxane Oligomers with Epoxy Pendant Groups". Macromolec. Symposia, v.328, issue 1, p. 25-37, 2013. <http://onlinelibrary.wiley.com/doi/10.1002/masy.201350603/abstract>
9. O. Mukbaniani, K. Koynov, J. Aneli, T. Tatrishvili, E. Markkarashvili, M. Chigvinadze. "Solid Polymer Electrolyte Membranes Based on Siliconorganic Backbone". Macromolec. Symposia, v.328, issue 1, p. 38-44, 2013. <http://onlinelibrary.wiley.com/doi/10.1002/masy.201350604/abstract>

2012

1. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markkarashvili, M. Chigvinadze. "Solid polymer electrolyte membranes on the base of silicon organic backbone", Abstracts of communications of POLYCHAR 20 - 20th World Forum on Advanced Materials, March 26-30, Dubrovnik, Croatia, p. 290, 2012.
2. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markkarashvili, I. Esartia, N. Jalagonia. "Siloxane oligomers with epoxy pendant groups". Abstracts of communications of POLYCHAR 20 - 20th World Forum on Advanced Materials, March 26-30, Dubrovnik, Croatia, p. 235, 2012.
3. Mukbaniani O., Aneli J., **Tatrishvili T.**, Markkarashvili E., Chigvinadze M. "A new polysiloxanes based cross-linker for solid polymer electrolytes". Abstracts of communications of S-PolyMat 2012, Niderlands, Kerkrade, May 20-23 May, 2012 <http://www.bmm-program.nl/library/DOCUMENTS/S-PolyMat-2012-Concept-program.pdf>
4. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markkarashvili, M. Chigvinadze. "Ion conductivity of comb polysiloxane polyelectrolytes containing propyl acetoacetate side chains". Abstracts of communications of S-PolyMat 2012, Niderlands, Kerkrade, May 20-23, 2012. <http://www.bmm-program.nl/library/DOCUMENTS/S-PolyMat-2012-Concept-program.pdf>

5. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markarashvili. "Comb-type methylsiloxane polymers: synthesis, properties and application. VI scientific-technical conference "Advance in petroleum and gas industry and petrochemistry", Book of abstracts, Lviv, Ukraine, April 25-28, 2012, p. 10.
6. O. Mukbaniani, J. Aneli, **T. Tatrishvili**, E. Markarashvili, M.J.M. Abadie. "Ionic conductivity of siloxane based polymer electrolytes with propyl acetoacetate pendant groups". VI scientific-technical conference "Advance in petroleum and gas industry and petrochemistry, Book of abstracts, Lviv, Ukraine, April 25-28, 2012, p. 198.
7. O. Mukbaniani, I. Esartia, J. Aneli, **T. Tatrishvili**, E. Markarashvili, M. Chigvinadze. "Siloxane based solid polymer electrolyte membranes with pendant propylbutyrate groups". Abstracts of Communications, 6th European Silicon days, 5th-7th September, 2012, France, Lion
8. Mukbaniani Omari, **Tatrishvili Tamara**, Markarashvili Eliza, Esartia Izabela, Jalagonia Natia. "Siloxane oligomers with epoxy pendant groups". Book of Abstracts, Polychar 20, World Forum on Advanced Materials, 26-30 March, 2012 Dubrovnik, Croatia p. 235.
9. Mukbaniani Omari, Aneli Jimsher, **Tatrishvili Tamara**, Markarashvili Eliza, Chigvinadze Maia. "Solid polymer electrolyte membranes on the base of Silicon organic backbone". Book of Abstracts, Polychar 20, World Forum on Advanced Materials, 26-30 March, 2012 Dubrovnik, Croatia, p. 290.
10. Omar Mukbaniani, Jimsher Aneli, **Tamara Tatrishvili**, Eliza Markarashvili, Maia Chigvinadze, Marc Jean Medard Abadie. "Synthesis of cross-linked comb-type polysiloxane for polymer electrolyte membranes". E-polymer #089, pp. 1-14, 2012.
http://www.e-polymers.org/journal/papers/omukbaniani_311212.pdf

2011

1. O. Mukbaniani, **T. Tatrishvili**, G. Titvinidze, S. Patsatsia. Synthesis and characterization of polysiloxanes with pendant bicyclic fragments. Journal of Applied Polymer Science, 2011, v.120, Issue 3, pp.1572-1582. <http://onlinelibrary.wiley.com/doi/10.1002/app.33164/abstract>
2. O. Mukbaniani, **T. Tatrishvili**, E. Markarashvili, E. Esartia. "Hydrosilylation reaction of tetramethylcyclotetrasiloxane with allyl butyrate and vinyltriethoxysilane. Georgian Chemical Journal, 2011, 2(11), pp. 153-155.

3. E. Markarashvili, **T. Tatrishvili**, M. Chigvinadze, J. Aneli, O. Mukbaniani. Investigation of kinetic parameters of polymerization reactions of propyl butyrate and ethyltriethoxysilane groups containing methylcyclotetrasiloxanes. Abstracts of Communications 2nd International Conference on Organic Chemistry, "Advances in Heterocyclic Chemistry", Tbilisi, Georgia, 2011 September 25-27, PP128, pp. 283-284.
http://chemistry.ge/conferences/geohet-2011/downloads/Circular_2.pdf
4. **T. Tatrishvili**, E. Markarashvili, M. Chigvinadze, I. Esartia, J. Aneli, O. Mukbaniani. Hydrosilylation reaction of tetrahydrotetramethylcyclotetrasiloxane with allyl butyrate and vinyltriethoxysilane. Abstracts of Communications 2nd International Conference on Organic Chemistry, "Advances in Heterocyclic Chemistry", Tbilisi, Georgia, 2011 September 25-27, PP128, pp. 281-282. http://chemistry.ge/conferences/geohet-2011/downloads/Circular_2.pdf
5. O. Mukbaniani, **T. Tatrishvili**, E. Markarashvili, I. Esartia. Ring opening polymerization reactions of hydroxyorganocyclotetrasiloxanes with propyl butyrate side groups. Oxidation Communications, 2011, (in press).
6. O. Mukbaniani, **T. Tatrishvili**, E. Markarashvili, I. Esartia. Hydrosilylation reaction of tetramethylcyclotetrasiloxane with allyl butyrate and vinyltriethoxysilane. Georgia Chemical Journal, 11 (2), 153-156, 2011.

2010

7. O. Mukbaniani, **T. Tatrishvili**, Kh. Koberidze, U. Scherf. Hydride addition of methylhydridesiloxanes to conjugated cyclohexa-1,3-diene". // [Journal of Applied Polymer Science](http://www3.interscience.wiley.com/journal/123214744/abstract), 2010, v. 116, issue 1, pp. 1131-1137. <http://www3.interscience.wiley.com/journal/123214744/abstract>
8. Doroshenko, Mikheil; Koynov, Kaloian; **Tatrishvili, Tamara**; Mukbaniani, Omari. "Organosilicon Polymers with Photoswitchable Fragments in the Chain". // Abstracts of Communications of International Workshop on Organosilicon Polymers, ISPO-10, 27-30 June, 2010, Lodz, Poland, P-6.
9. O. Mukbaniani, **T. Tatrishvili**. "Organosilicon Block Copolymers with Polyphenylsilsesquioxane Ladder Fragments in Dimethylsiloxane Chain". // Abstracts of Communications of International Workshop on Organosilicon Polymers, ISPO-10, 27-30 June, 2010, Lodz, Poland, 09.
10. O. Mukbaniani, M. Doroshenko, **T. Tatrishvili**, A. Dundua. "Methylsiloxane Oligomers with Propyl Cyanide Groups in the Side Chain". // Abstracts of Communications of International Workshop on Organosilicon Polymers, ISPO-10, 27-30 June, 2010, Lodz, Poland, P-7.
11. O. Mukbaniani, G. Gurgenidze, **T. Tatrishvili**. "Dehydrocoupling and hydrosilylation reactions of methylhydrosiloxane to allyl alcohol". // Journal "Scientific Israel-Technological-Advantages", 2010, v. 12, #1, pp. 78-85. http://figovsky.borfig.com/sita/12_12.aspx
12. O. Mukbaniani, M. Doroshenko, **T. Tatrishvili**. "Synthesis and investigation of polysiloxanes with functional groups in the side chain". // Abstracts of Communications of XI Andrianov Conference "Organosilicon Compounds. Synthesis, Properties, Applications", Moscow, Russia, 26-30 September, 2010, P-26. <http://www.ispm.ru/silicones2010/files/program.pdf>
13. A. Dundua, M. Burdjanadze, **T. Tatrishvili**, M. Doroshenko, H-D. Wiemhöfer, O. Mukbaniani. "Synthesis of Methylsiloxane Oligomers for Polymer-electrolyte". // Abstracts of Communications, 2nd International Caucasian Symposium on Polymers and Advanced Materials, Tbilisi, Georgia 7-10 September, 2010, p. 69.

14. **T. Tatrishvili**, M. Doroshenko, O. Mukbaniani. "Methylsiloxane Oligomers with Epoxy Groups in the Side Chain". //Abstracts of Communications, 2nd International Caucasian Symposium on Polymers and Advanced Materials, Tbilisi, Georgia 7-10 September, 2010, p.63.
<http://www.tsu.edu.ge/icsp2/Symposium%20Proceeding%20-%20ICSP&AM-1%202007.pdf>
15. M. Doroshenko, **T. Tatrishvili**, O. Mukbaniani. "Synthesis and Investigation of Polysiloxanes with Reactionable Groups in the Side Chain". //Abstracts of Communications, 2nd International Caucasian Symposium on Polymers and Advanced Materials, Tbilisi, Georgia 7-10 September, 2010, p. 62.
<http://www.tsu.edu.ge/icsp2/Symposium%20Proceeding%20-%20ICSP&AM-1%202007.pdf>
16. **T. Tatrishvili**, S.Patsatsia, O.Mukbaniani. "Modelling Reaction of Hydrosilylation Methylmethoxysilane with Allylcyanide"./ Georgia Chemical Journal, 2010, 10(3), pp. 312-315.

2009

17. O.V. Mukbaniani, G.E. Zaikov, **T.N. Tatrishvili**, N.O. Mukbaniani. "Organosilicon block copolymers with ladder structure in dimethylsiloxane chain". //Oxidation Communications, **Review**, 2009, v. 32, 1, pp. 165-215. <http://scibulcom.net/ocr.php?gd=2009&bk=1>
18. O. Mukbaniani, A. Dundua, G. Titvinidze, M. Doroshenko, **T. Tatrishvili**. "Synthesis and investigation of novel polysilane with azobenzene fragments in the side chain". Abstracts of communications of Frontiers in polymer science. International Symposium Celebrating the 50th Anniversary of the Journal Polymer 7-9 June, 2009, Congress Centrum Mainz, Germany, P1-96.
19. O. Mukbaniani, **T. Tatrishvili**, Kh. Koberidze. "Hydrosilylation reaction of methylhydrosiloxane with cyclohexa-1,3-diene". Abstracts of communications of Frontiers in polymer science. International Symposium Celebrating the 50th Anniversary of the Journal Polymer 7-9 June, 2009, Congress Centrum Mainz, Germany, P2-20.
20. O. Mukbaniani, **T. Tatrishvili**, G. Titvinidze, S. Patsatsia. "Synthesis of thermo reactive polysiloxanes with cyclic fragments in the side chain". //Journal of Applied Polymer Science, 2009, v.114, Issue2, pp. 892-900. <http://www3.interscience.wiley.com/journal/122456669/abstract>
21. **T. Tatrishvili**, Kh. Koberidze, N.Koiava, O. Mukbaniani. "Reaction of Hydride addition of Methylhydrosiloxane to cis-1,5-cyclooctadiene". /Proceedings of the Georgian Academy of Science, Chem. Ser., 2009, 35, #3, pp. 302-306.
22. Kh. Koberidze **T. Tatrishvili**, O. Mukbaniani. "Synthesis and Transformation Some Silicon organic compounds with containing silacyclopenten-3 group". /Proceedings of the Georgian Academy of Science, Chem. Ser., 2009, 35, #3, p. 297-301.
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